

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100224\
 Data File : VN084281.D
 Acq On : 02 Oct 2024 21:45
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :John Carlone 10/03/2024
 Supervised By :Semsettin Yesilyurt 10/03/2024

Quant Time: Oct 03 02:06:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	161269	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	279968	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	253464	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	127393	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	118619	49.608	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.220%
35) Dibromofluoromethane	8.165	113	92218	49.963	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.920%
50) Toluene-d8	10.565	98	355215	52.310	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.620%
62) 4-Bromofluorobenzene	12.847	95	128614	51.989	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	103.980%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	89658	47.001	ug/l	93
3) Chloromethane	2.359	50	102406	47.016	ug/l	97
4) Vinyl Chloride	2.512	62	99048	46.946	ug/l	95
5) Bromomethane	2.947	94	60742	43.648	ug/l	100
6) Chloroethane	3.112	64	61141	40.464	ug/l	95
7) Trichlorofluoromethane	3.495	101	158186	48.149	ug/l	99
8) Diethyl Ether	3.959	74	55676	45.693	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.365	101	89530	47.559	ug/l	98
10) Methyl Iodide	4.589	142	114621	47.280	ug/l	95
11) Tert butyl alcohol	5.524	59	85674	217.295	ug/l #	86
12) 1,1-Dichloroethene	4.342	96	88301	48.630	ug/l	94
13) Acrolein	4.177	56	112760	249.120	ug/l	98
14) Allyl chloride	5.024	41	135495	42.967	ug/l	99
15) Acrylonitrile	5.718	53	245713	246.785	ug/l	99
16) Acetone	4.424	43	203400	198.019	ug/l	98
17) Carbon Disulfide	4.712	76	249023	43.317	ug/l	98
18) Methyl Acetate	5.024	43	109349	48.843	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	294912	48.121	ug/l	100
20) Methylene Chloride	5.277	84	98705	47.272	ug/l	95
21) trans-1,2-Dichloroethene	5.789	96	91458	48.077	ug/l	99
22) Diisopropyl ether	6.671	45	327763	50.248	ug/l	97
23) Vinyl Acetate	6.600	43	1342598	277.512	ug/l	99
24) 1,1-Dichloroethane	6.571	63	181511	49.760	ug/l	99
25) 2-Butanone	7.482	43	321249	229.623	ug/l	97
26) 2,2-Dichloropropane	7.488	77	137385	41.771	ug/l	98
27) cis-1,2-Dichloroethene	7.482	96	108257	47.093	ug/l	99
28) Bromochloromethane	7.812	49	83943	51.577	ug/l	99
29) Tetrahydrofuran	7.841	42	216051	250.244	ug/l	100
30) Chloroform	7.965	83	183758	48.497	ug/l	97
31) Cyclohexane	8.259	56	157794	44.553	ug/l	95
32) 1,1,1-Trichloroethane	8.171	97	166065	48.800	ug/l	99
36) 1,1-Dichloropropene	8.371	75	130137	48.541	ug/l	100
37) Ethyl Acetate	7.559	43	135961	49.432	ug/l	100
38) Carbon Tetrachloride	8.365	117	144864	49.258	ug/l	97
39) Methylcyclohexane	9.600	83	144325	48.369	ug/l	97
40) Benzene	8.606	78	412858	49.426	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	75524	50.579	ug/l	98
42) 1,2-Dichloroethane	8.671	62	138518	48.915	ug/l	99
43) Isopropyl Acetate	8.688	43	223148	41.421	ug/l	99
44) Trichloroethene	9.353	130	96911	49.674	ug/l	97
45) 1,2-Dichloropropane	9.618	63	100016	50.615	ug/l	99
46) Dibromomethane	9.706	93	69014	51.755	ug/l	98
47) Bromodichloromethane	9.888	83	151952	51.290	ug/l #	99
48) Methyl methacrylate	9.676	41	108276	50.489	ug/l	98
49) 1,4-Dioxane	9.694	88	37597	952.271	ug/l	93
51) 4-Methyl-2-Pentanone	10.441	43	678130	258.995	ug/l	100
52) Toluene	10.629	92	254306	49.926	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	148365	49.129	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	157775	48.572	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	93598	51.257	ug/l	95
56) Ethyl methacrylate	10.871	69	157586	52.447	ug/l	98
57) 1,3-Dichloropropane	11.159	76	164143	50.306	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	364109	261.228	ug/l	99
59) 2-Hexanone	11.194	43	497579	254.260	ug/l	100
60) Dibromochloromethane	11.359	129	108463	50.272	ug/l	97
61) 1,2-Dibromoethane	11.470	107	94472	49.790	ug/l	99
64) Tetrachloroethene	11.100	164	85392	48.369	ug/l	98
65) Chlorobenzene	11.888	112	269466	47.949	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.959	131	93979	48.550	ug/l	100
67) Ethyl Benzene	11.965	91	485611	48.861	ug/l	99
68) m/p-Xylenes	12.070	106	367981	100.093	ug/l	99
69) o-Xylene	12.394	106	174646	50.211	ug/l	98
70) Styrene	12.412	104	306205	51.974	ug/l	97
71) Bromoform	12.576	173	71821	50.396	ug/l #	96
73) Isopropylbenzene	12.694	105	448331	46.119	ug/l	100
74) N-amyl acetate	12.494	43	201172	45.699	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	137150	46.919	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	129986m	49.980	ug/l	
77) Bromobenzene	12.976	156	107600	45.887	ug/l	96
78) n-propylbenzene	13.035	91	538795	47.837	ug/l	99
79) 2-Chlorotoluene	13.123	91	329783	45.886	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	384180	48.448	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	46024	42.426	ug/l	90
82) 4-Chlorotoluene	13.217	91	336510	46.512	ug/l	100
83) tert-Butylbenzene	13.435	119	332965	47.243	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	391792	49.046	ug/l	99
85) sec-Butylbenzene	13.617	105	451363	47.992	ug/l	99
86) p-Isopropyltoluene	13.729	119	378259	48.637	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	198896	45.214	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	197907	44.550	ug/l	99
89) n-Butylbenzene	14.053	91	322466	45.727	ug/l	99
90) Hexachloroethane	14.329	117	70778	44.835	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	192762	44.689	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	26556	44.025	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	91974	43.290	ug/l	99
94) Hexachlorobutadiene	15.500	225	41857	39.506	ug/l	97
95) Naphthalene	15.641	128	297627	42.256	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	91028	42.802	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

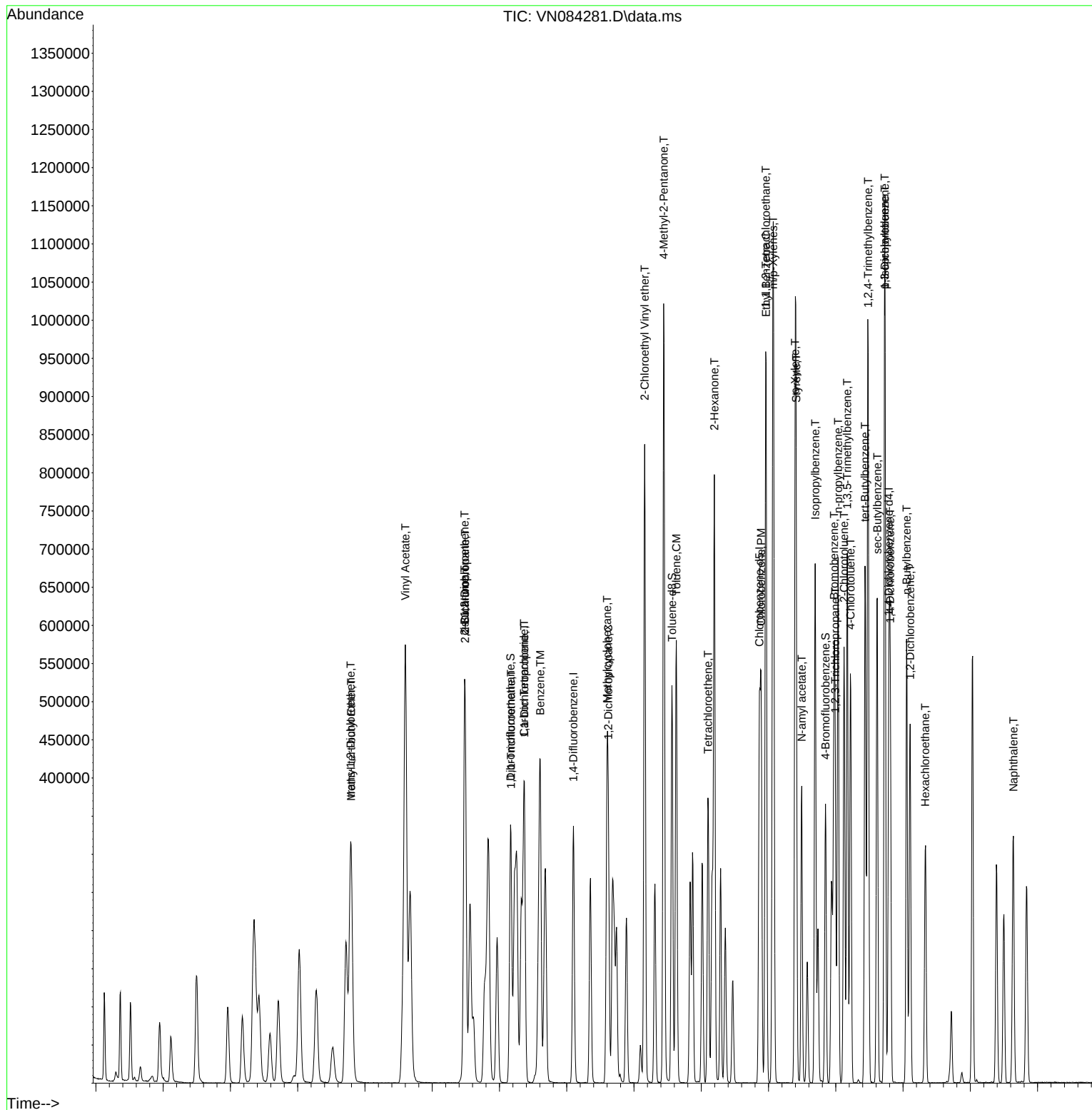
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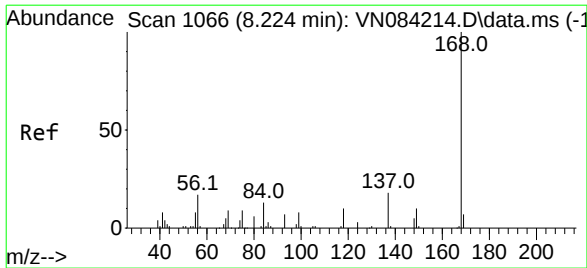
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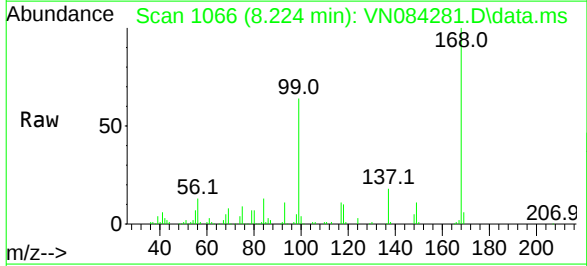
Reviewed By : John Carlone 10/03/2024
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084281.D
Acq: 02 Oct 2024 21:45

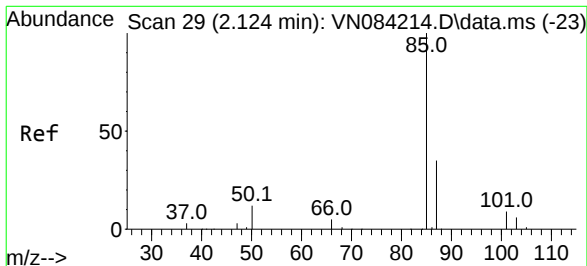
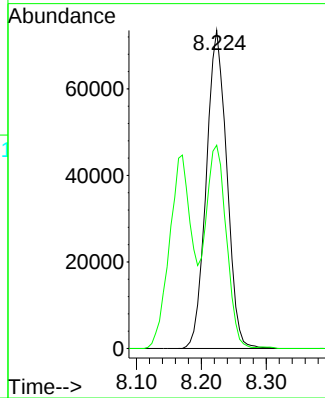
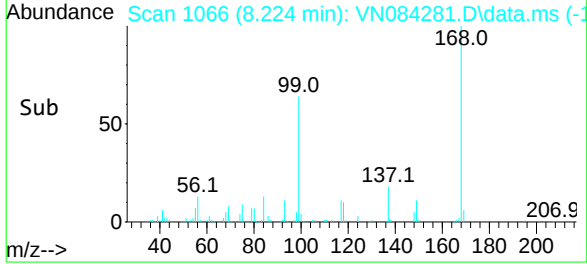
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 168 Resp: 161269
Ion Ratio Lower Upper
168 100
99 63.9 54.2 81.2

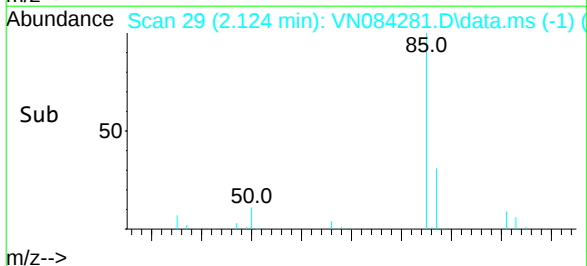
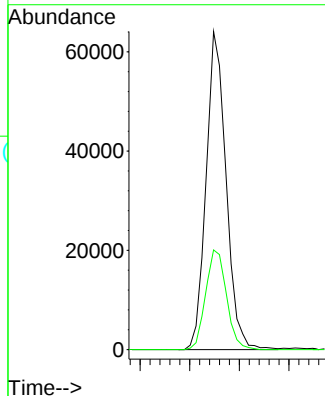
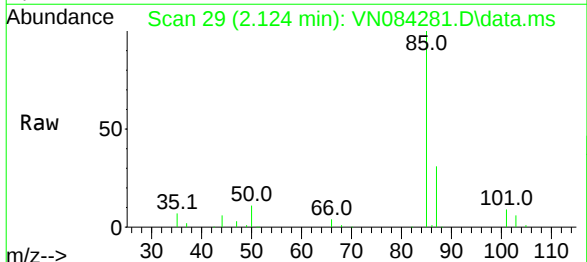
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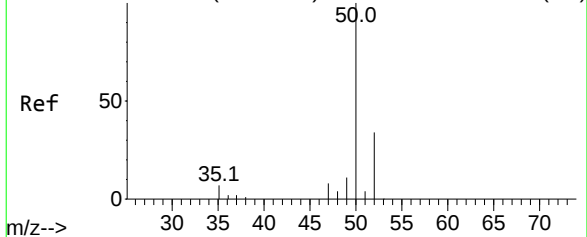


#2
Dichlorodifluoromethane
Concen: 47.001 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN084281.D
Acq: 02 Oct 2024 21:45

Tgt Ion: 85 Resp: 89658
Ion Ratio Lower Upper
85 100
87 31.3 17.6 52.9



Abundance Scan 69 (2.359 min): VN084214.D\data.ms (-63)



#3

Chloromethane

Concen: 47.016 ug/l

RT: 2.359 min Scan# 69

Delta R.T. -0.000 min

Lab File: VN084281.D

Acq: 02 Oct 2024 21:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 102406

Ion Ratio Lower Upper

50 100

52 31.6 26.8 40.2

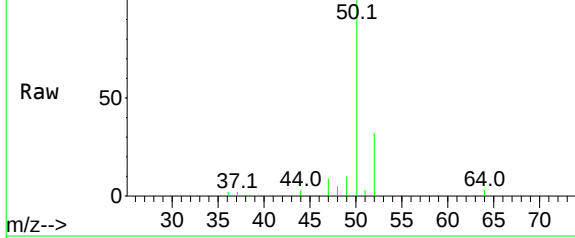
Manual Integrations

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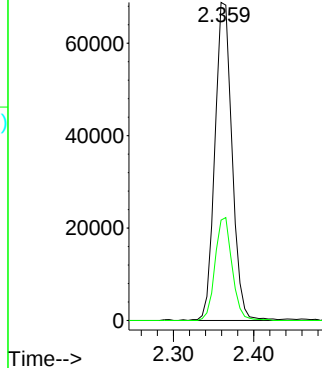
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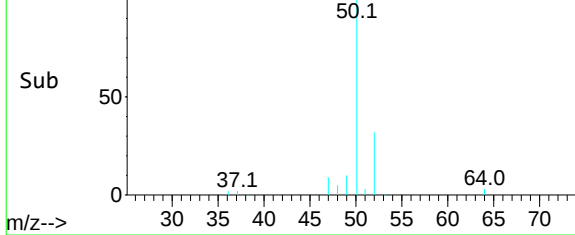
Abundance Scan 69 (2.359 min): VN084281.D\data.ms



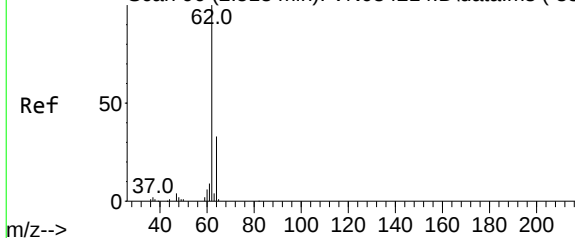
Abundance



Abundance Scan 69 (2.359 min): VN084281.D\data.ms (-18)



Abundance Scan 96 (2.518 min): VN084214.D\data.ms (-88)



#4

Vinyl Chloride

Concen: 46.946 ug/l

RT: 2.512 min Scan# 95

Delta R.T. -0.006 min

Lab File: VN084281.D

Acq: 02 Oct 2024 21:45

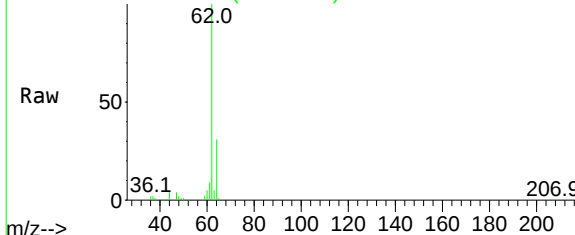
Tgt Ion: 62 Resp: 99048

Ion Ratio Lower Upper

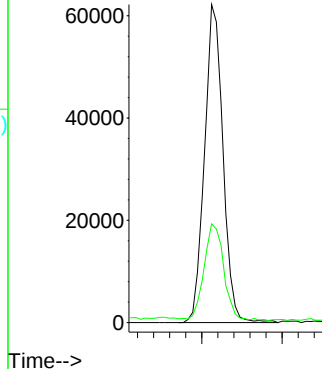
62 100

64 30.1 26.2 39.4

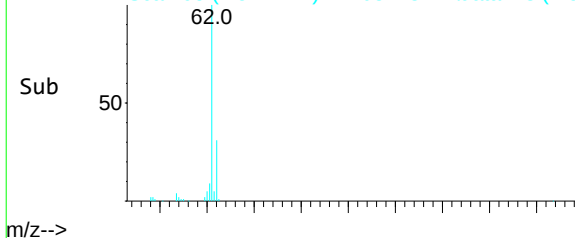
Abundance Scan 95 (2.512 min): VN084281.D\data.ms

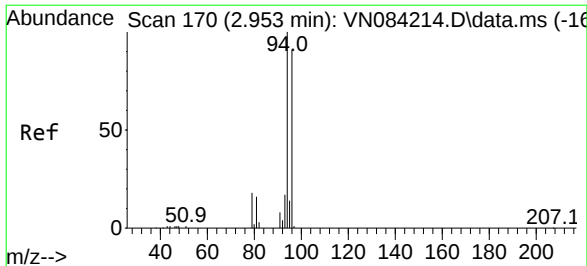


Abundance



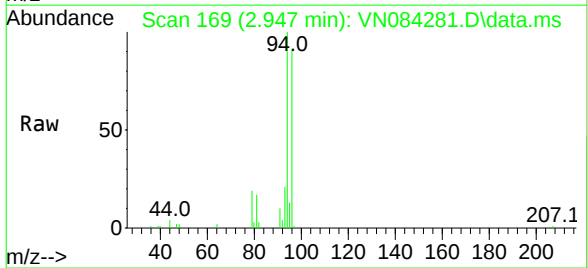
Abundance Scan 95 (2.512 min): VN084281.D\data.ms (-45)





#5
Bromomethane
Concen: 43.648 ug/l
RT: 2.947 min Scan# 16
Delta R.T. -0.006 min
Lab File: VN084281.D
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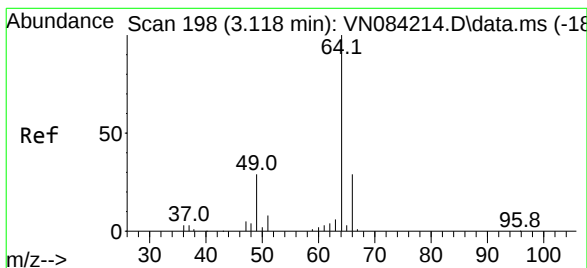
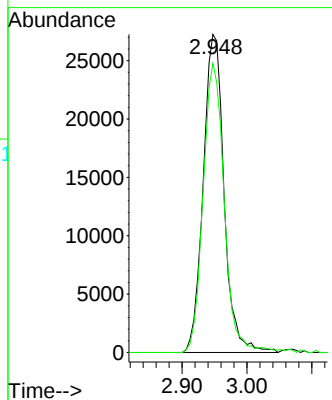
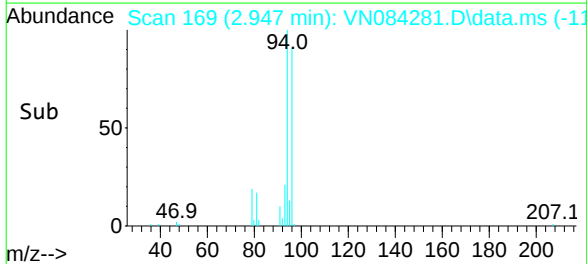
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Tgt Ion: 94 Resp: 60742
Ion Ratio Lower Upper
94 100
96 90.8 72.9 109.3

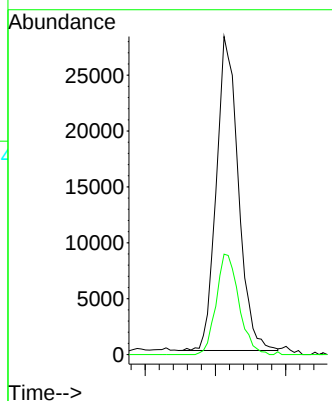
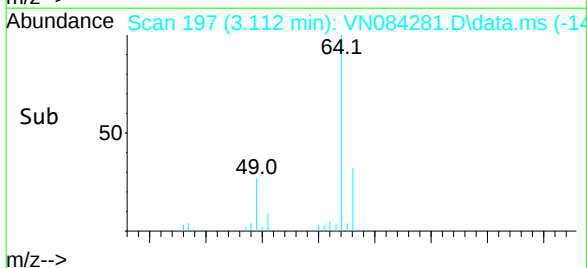
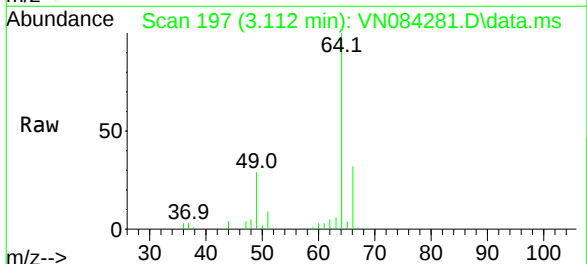
Manual Integrations
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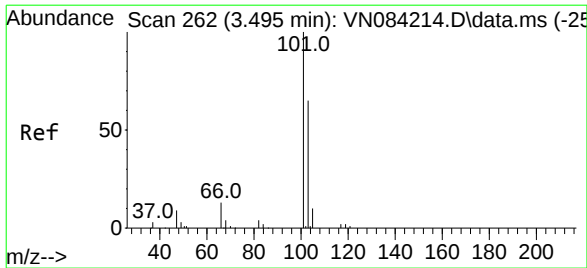
Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024



#6
Chloroethane
Concen: 40.464 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN084281.D
Acq: 02 Oct 2024 21:45

Tgt Ion: 64 Resp: 61141
Ion Ratio Lower Upper
64 100
66 32.0 23.5 35.3





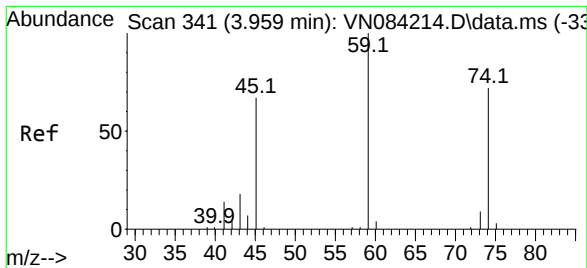
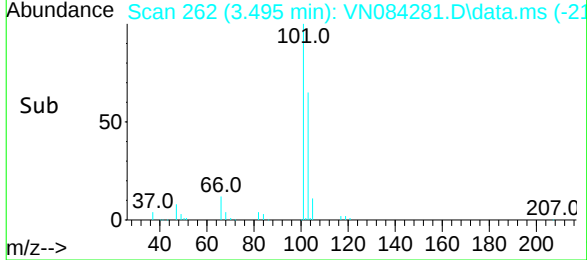
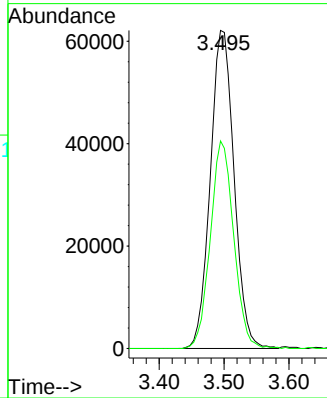
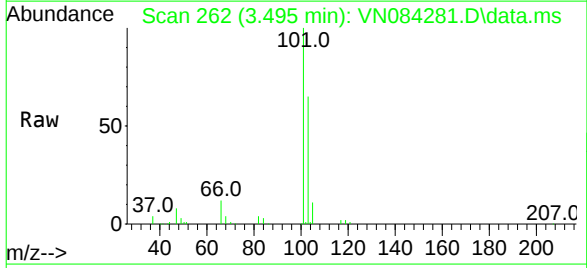
#7
 Trichlorofluoromethane
 Concen: 48.149 ug/l
 RT: 3.495 min Scan# 262
 Delta R.T. -0.000 min
 Lab File: VN084281.D
 Acq: 02 Oct 2024 21:45

Instrument :
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 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:101 Resp: 158186
 Ion Ratio Lower Upper
 101 100
 103 65.2 51.8 77.6

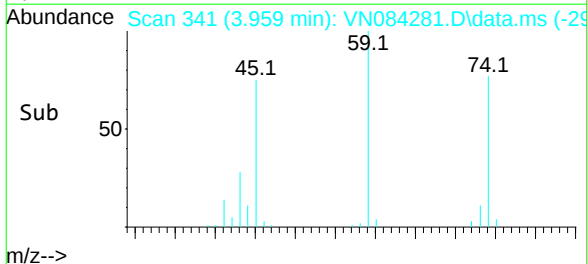
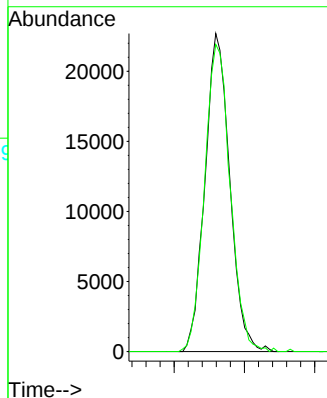
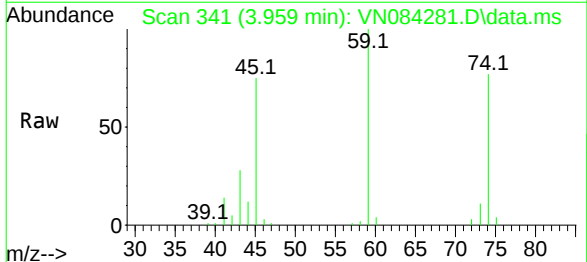
Manual Integrations
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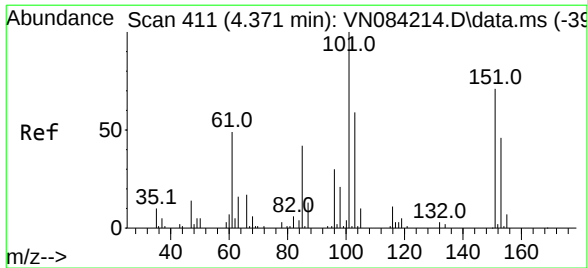
Reviewed By :John Carlone 10/03/2024
 Supervised By :Semsettin Yesilyurt 10/03/2024



#8
 Diethyl Ether
 Concen: 45.693 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN084281.D
 Acq: 02 Oct 2024 21:45

Tgt Ion: 74 Resp: 55676
 Ion Ratio Lower Upper
 74 100
 45 99.8 47.7 143.1





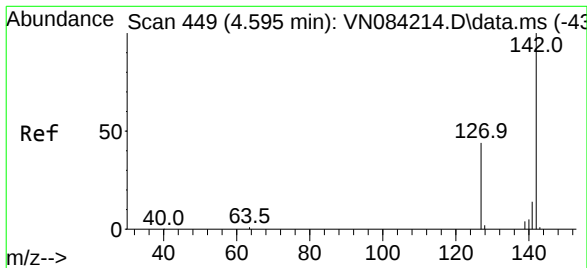
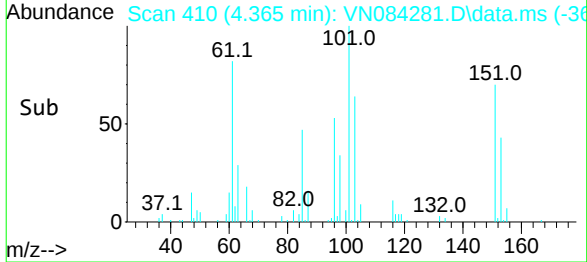
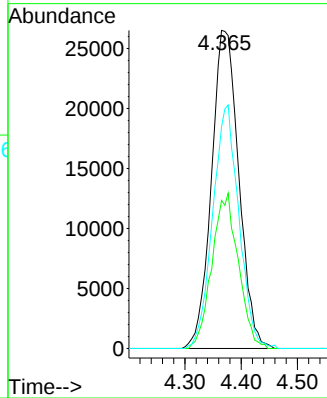
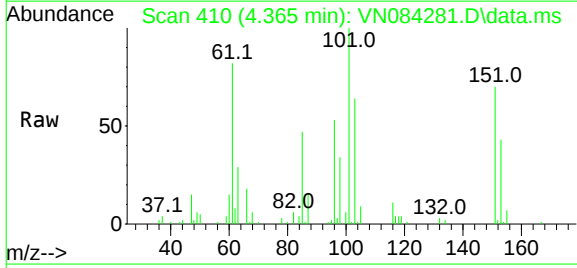
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.559 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN084281.D
Acq: 02 Oct 2024 21:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 89536
Ion Ratio Lower Upper
101 100
85 47.0 36.2 54.4
151 73.3 59.3 88.9

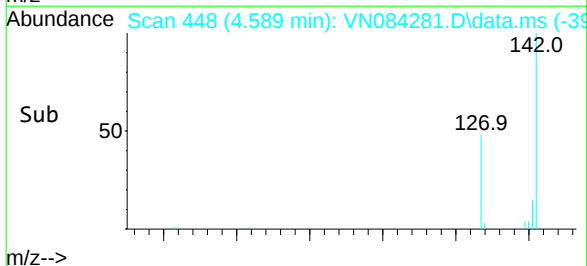
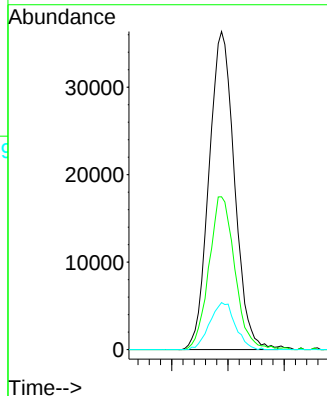
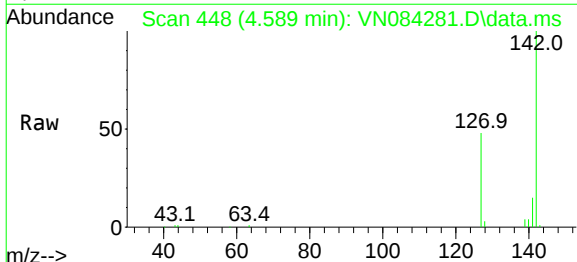
Manual Integrations
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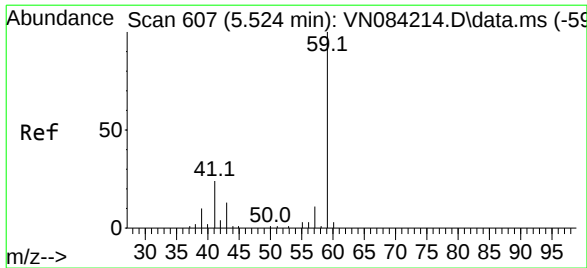
Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024



#10
Methyl Iodide
Concen: 47.280 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN084281.D
Acq: 02 Oct 2024 21:45

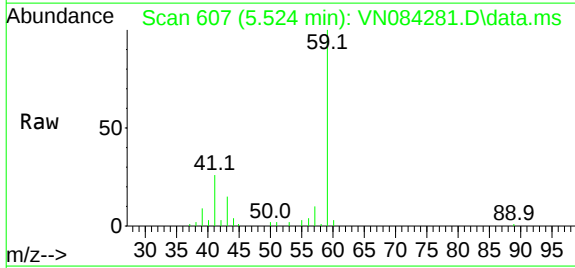
Tgt Ion:142 Resp: 114621
Ion Ratio Lower Upper
142 100
127 48.0 35.3 52.9
141 14.8 11.0 16.6





#11
Tert butyl alcohol
Concen: 217.295 ug/l
RT: 5.524 min Scan# 607
Delta R.T. -0.000 min
Lab File: VN084281.D
Acq: 02 Oct 2024 21:45

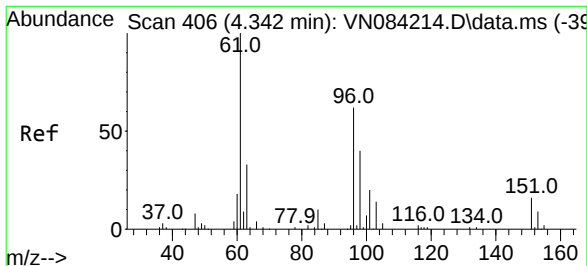
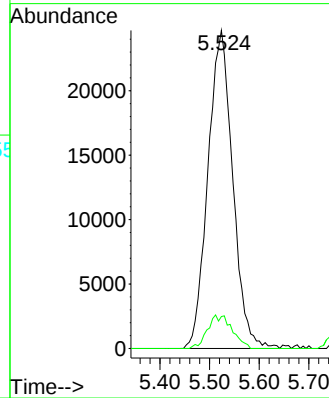
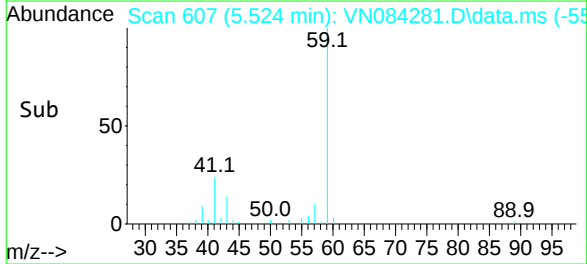
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 85674
Ion Ratio Lower Upper
59 100
57 5.1 8.2 12.2#

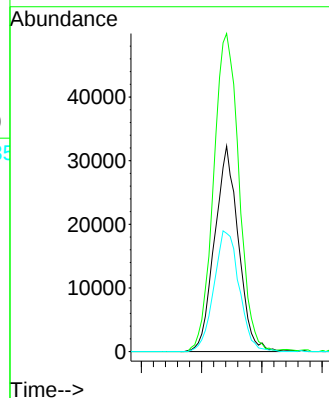
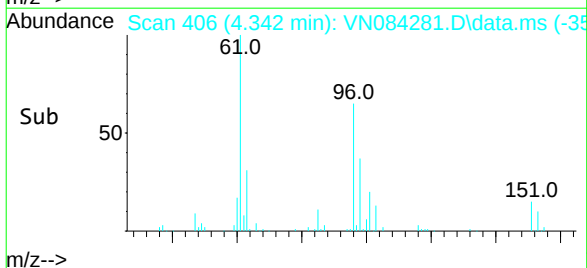
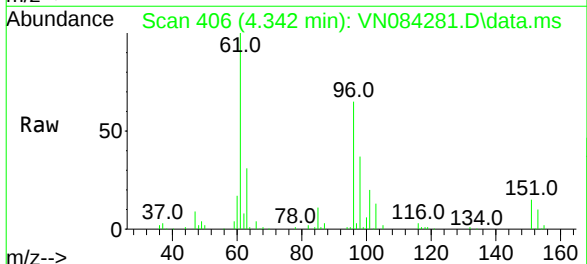
Manual Integrations
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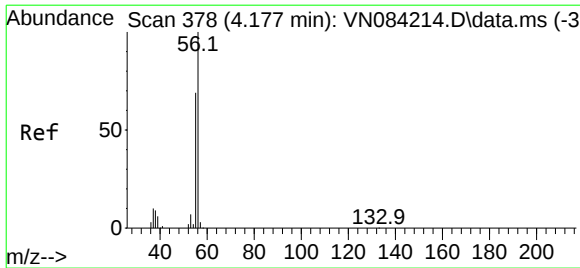
Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024



#12
1,1-Dichloroethene
Concen: 48.630 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN084281.D
Acq: 02 Oct 2024 21:45

Tgt Ion: 96 Resp: 88301
Ion Ratio Lower Upper
96 100
61 154.7 128.6 192.8
98 57.5 51.7 77.5





#13

Acrolein

Concen: 249.120 ug/l

RT: 4.177 min Scan# 378

Delta R.T. -0.000 min

Lab File: VN084281.D

Acq: 02 Oct 2024 21:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 112760

Ion Ratio Lower Upper

56 100

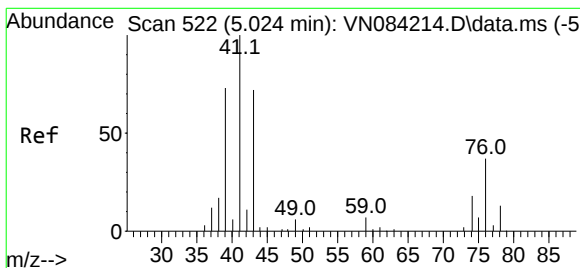
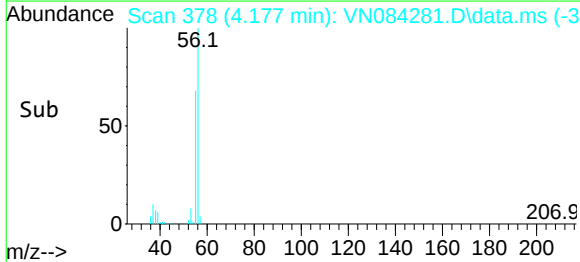
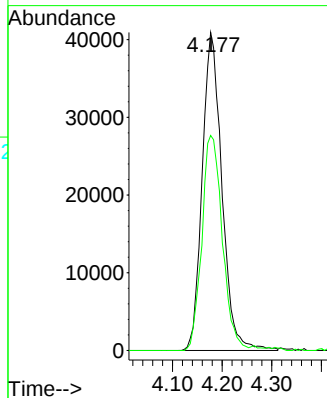
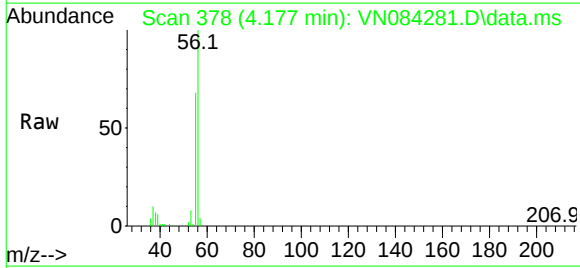
55 70.0 57.2 85.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/03/2024

Supervised By :Semsettin Yesilyurt 10/03/2024



#14

Allyl chloride

Concen: 42.967 ug/l

RT: 5.024 min Scan# 522

Delta R.T. -0.000 min

Lab File: VN084281.D

Acq: 02 Oct 2024 21:45

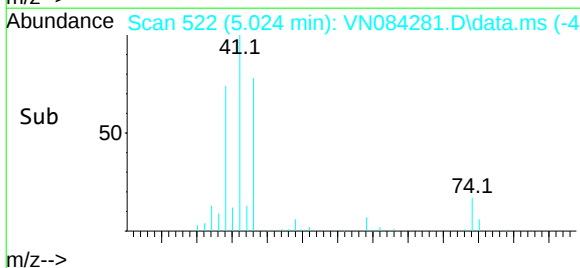
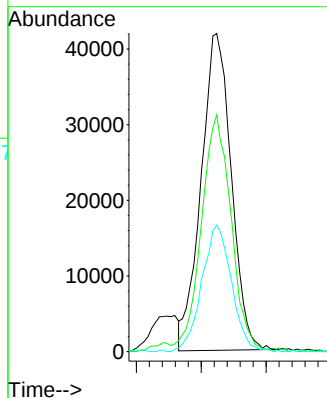
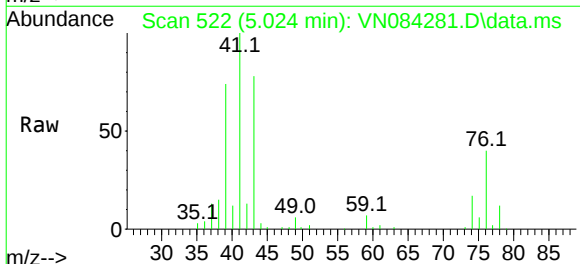
Tgt Ion: 41 Resp: 135495

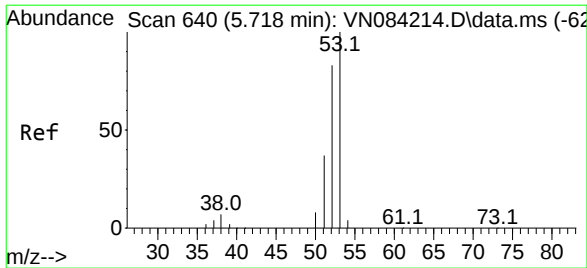
Ion Ratio Lower Upper

41 100

39 73.5 59.0 88.6

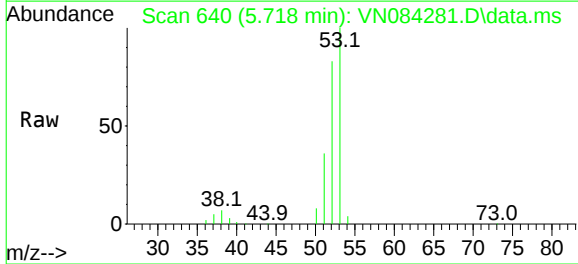
76 39.2 29.8 44.6





#15
Acrylonitrile
Concen: 246.785 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN084281.D
Acq: 02 Oct 2024 21:45

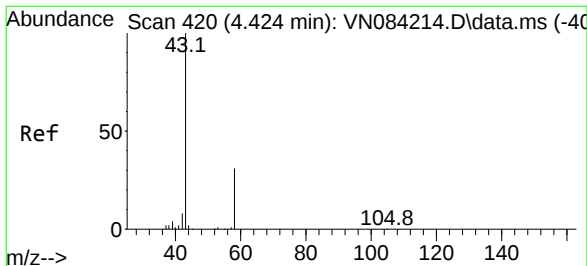
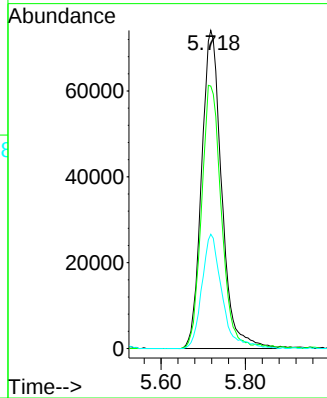
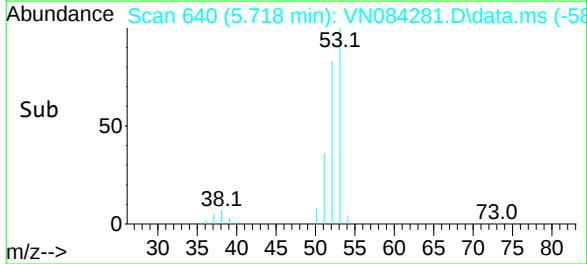
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 245713
Ion Ratio Lower Upper
53 100
52 81.2 66.2 99.4
51 36.0 28.8 43.2

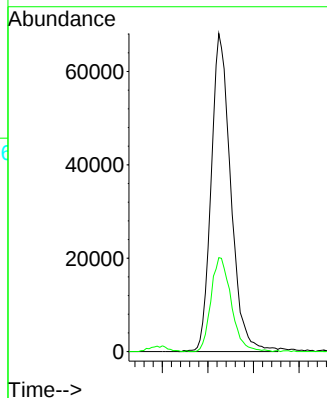
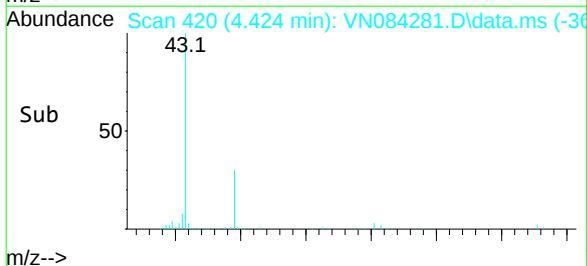
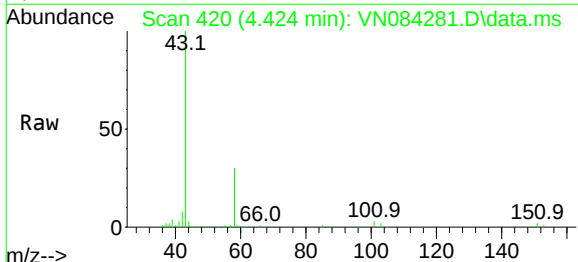
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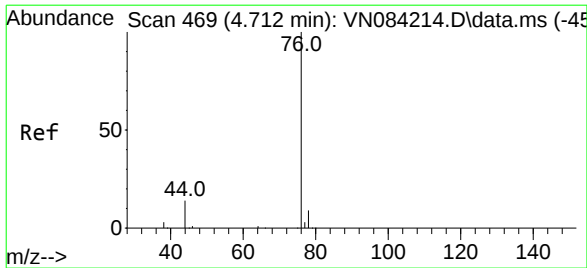
Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024



#16
Acetone
Concen: 198.019 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN084281.D
Acq: 02 Oct 2024 21:45

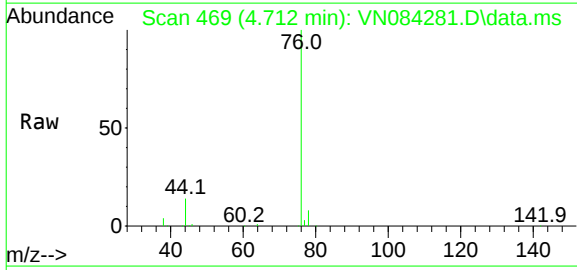
Tgt Ion: 43 Resp: 203400
Ion Ratio Lower Upper
43 100
58 29.3 24.4 36.6





#17
Carbon Disulfide
Concen: 43.317 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN084281.D
Acq: 02 Oct 2024 21:45

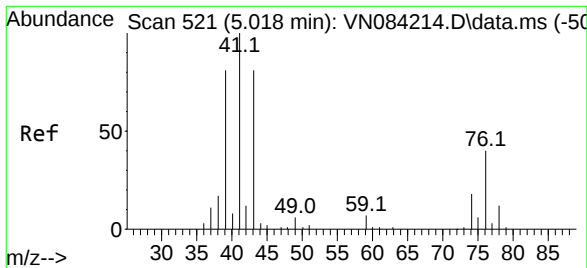
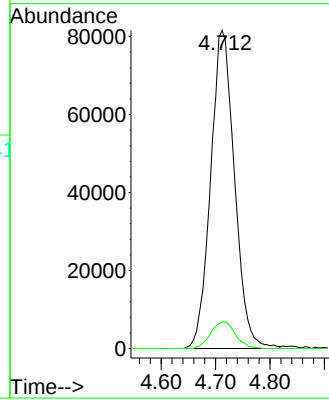
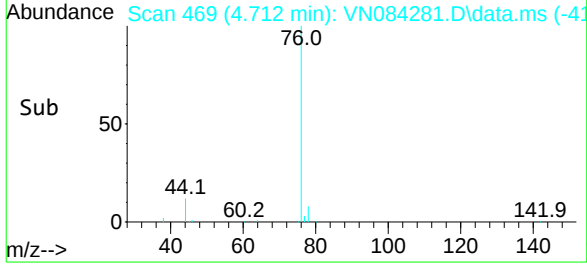
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 249023
Ion Ratio Lower Upper
76 100
78 8.3 7.3 10.9

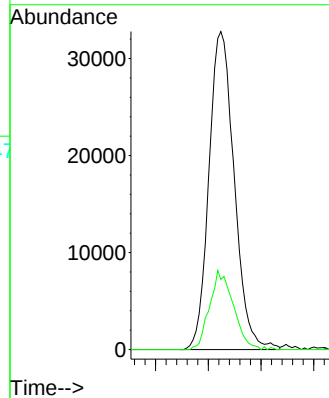
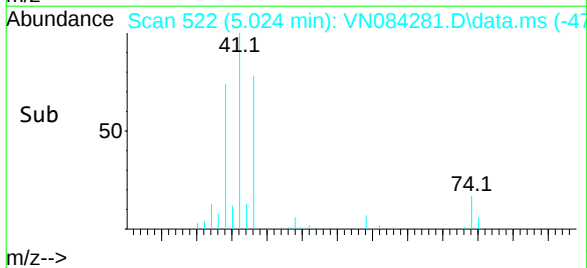
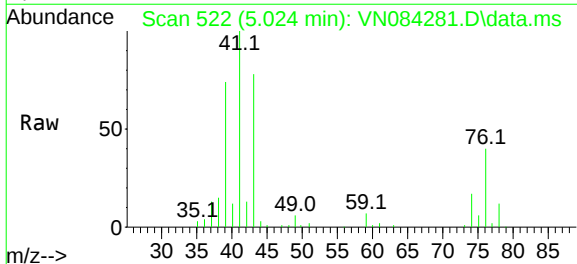
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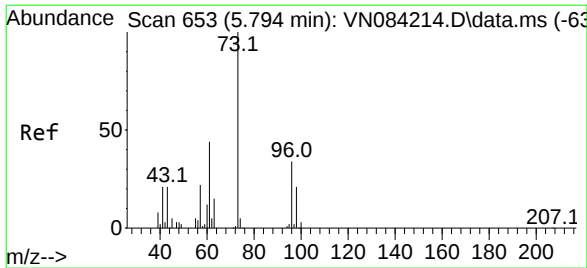
Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024



#18
Methyl Acetate
Concen: 48.843 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN084281.D
Acq: 02 Oct 2024 21:45

Tgt Ion: 43 Resp: 109349
Ion Ratio Lower Upper
43 100
74 23.3 19.2 28.8





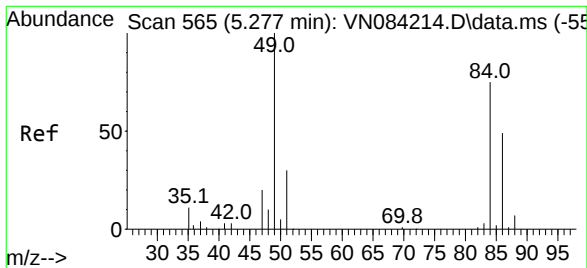
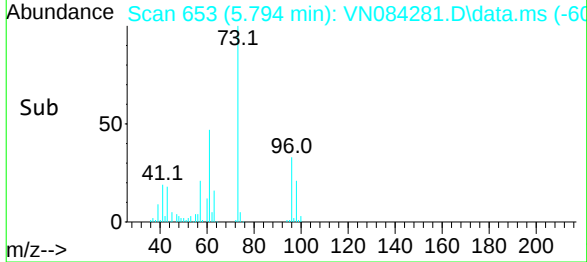
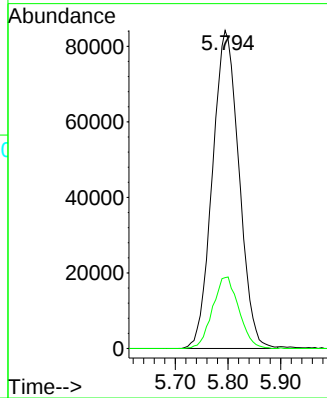
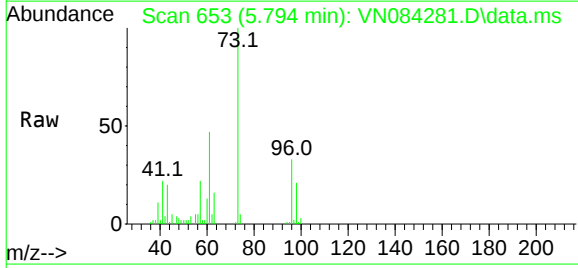
#19
Methyl tert-butyl Ether
Concen: 48.121 ug/l
RT: 5.794 min Scan# 653
Delta R.T. -0.000 min
Lab File: VN084281.D
Acq: 02 Oct 2024 21:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 294912
Ion Ratio Lower Upper
73 100
57 22.3 17.7 26.5

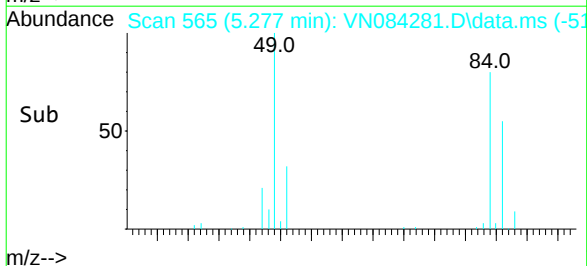
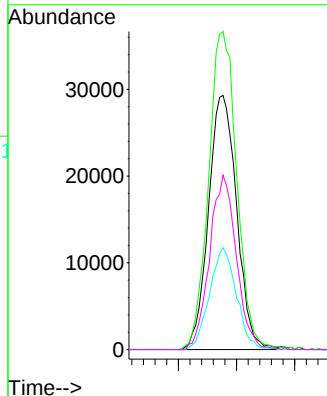
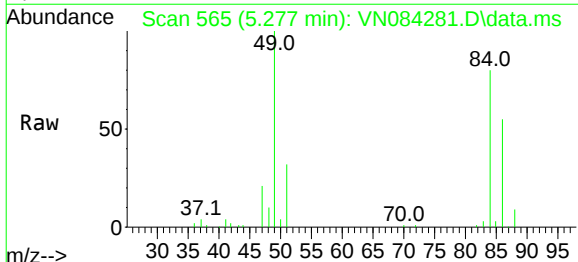
Manual Integrations
APPROVED

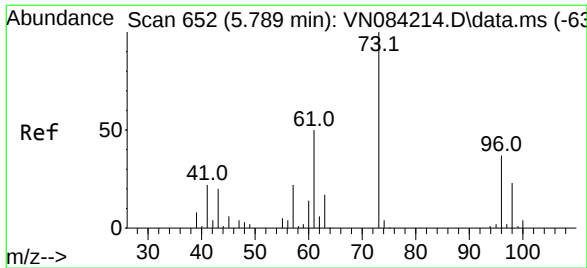
Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024



#20
Methylene Chloride
Concen: 47.272 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN084281.D
Acq: 02 Oct 2024 21:45

Tgt Ion: 84 Resp: 98705
Ion Ratio Lower Upper
84 100
49 125.2 107.2 160.8
51 40.1 31.8 47.8
86 68.6 52.9 79.3





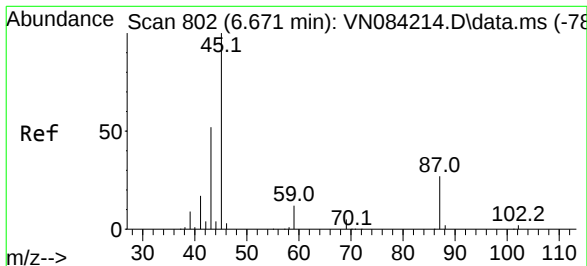
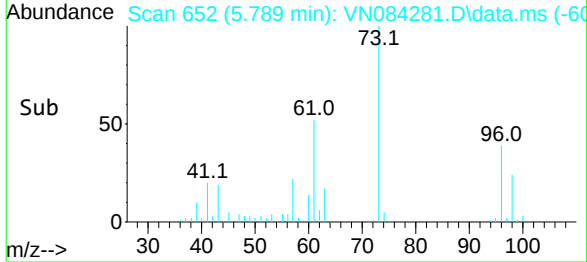
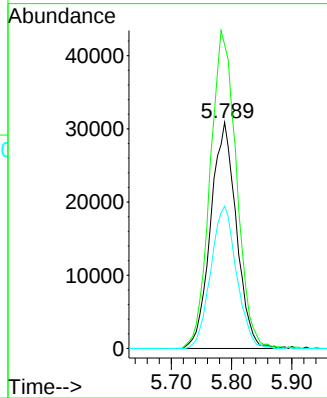
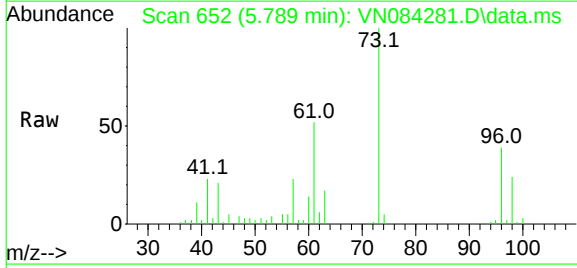
#21
trans-1,2-Dichloroethene
Concen: 48.077 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.000 min
Lab File: VN084281.D
Acq: 02 Oct 2024 21:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 91458
Ion Ratio Lower Upper
96 100
61 134.3 108.4 162.6
98 62.9 49.8 74.8

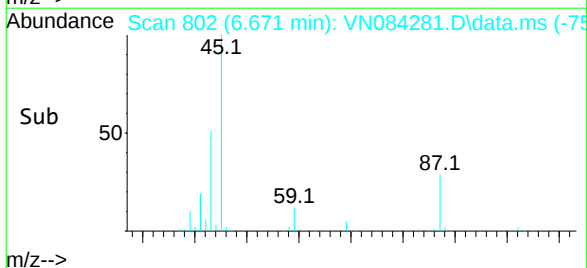
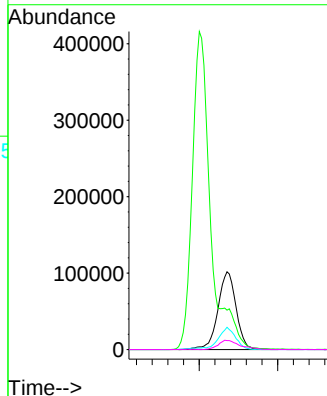
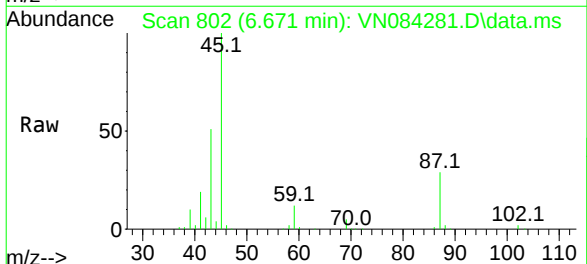
Manual Integrations
APPROVED

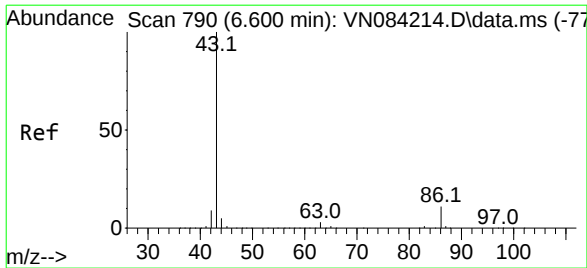
Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024



#22
Diisopropyl ether
Concen: 50.248 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN084281.D
Acq: 02 Oct 2024 21:45

Tgt Ion: 45 Resp: 327763
Ion Ratio Lower Upper
45 100
43 49.9 42.3 63.5
87 28.6 21.8 32.6
59 11.6 9.6 14.4





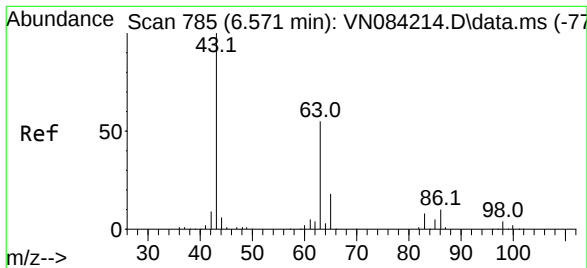
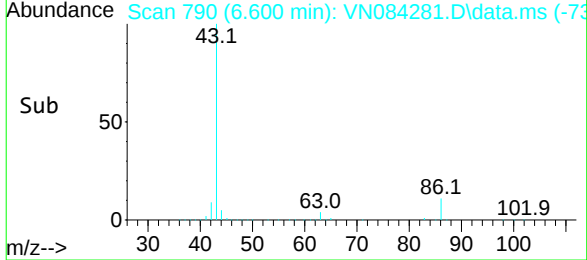
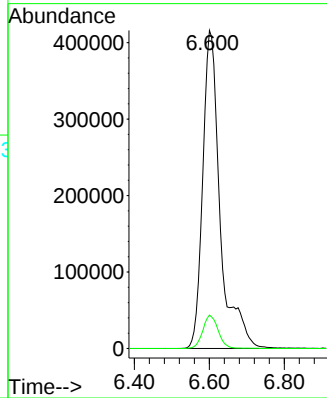
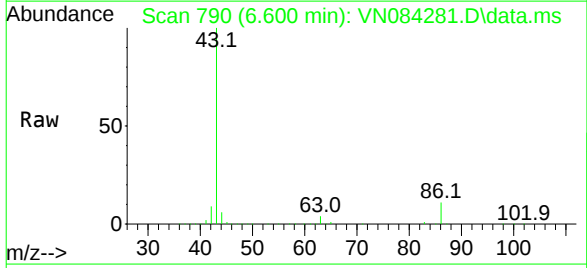
#23
 Vinyl Acetate
 Concen: 277.512 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN084281.D
 Acq: 02 Oct 2024 21:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1342598
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.6 12.8

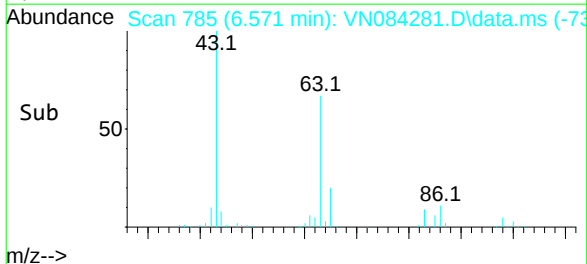
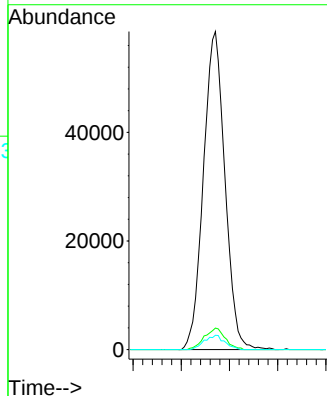
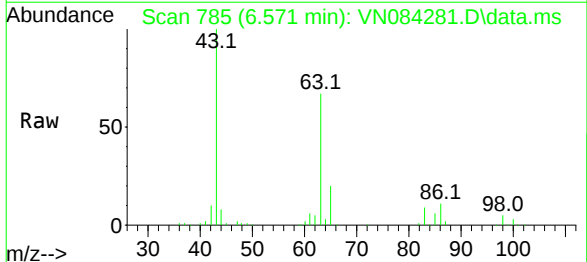
Manual Integrations
 APPROVED

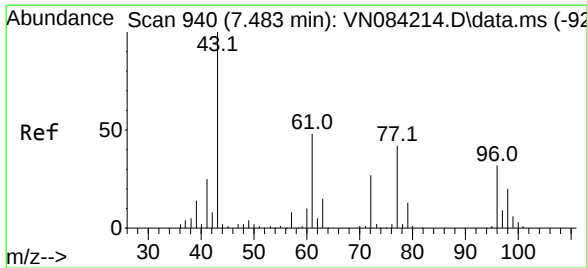
Reviewed By :John Carlone 10/03/2024
 Supervised By :Semsettin Yesilyurt 10/03/2024



#24
 1,1-Dichloroethane
 Concen: 49.760 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN084281.D
 Acq: 02 Oct 2024 21:45

Tgt Ion: 63 Resp: 181511
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.4 10.2
 100 4.5 2.0 5.8





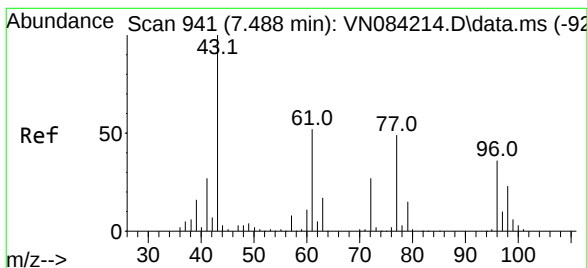
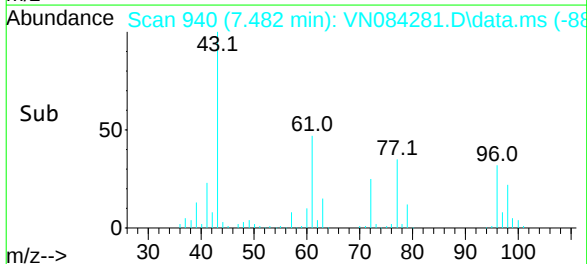
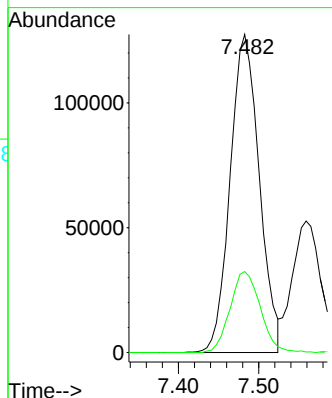
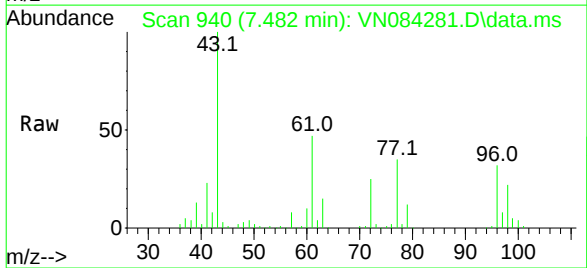
#25
2-Butanone
Concen: 229.623 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN084281.D
Acq: 02 Oct 2024 21:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 321249
Ion Ratio Lower Upper
43 100
72 25.4 21.4 32.2

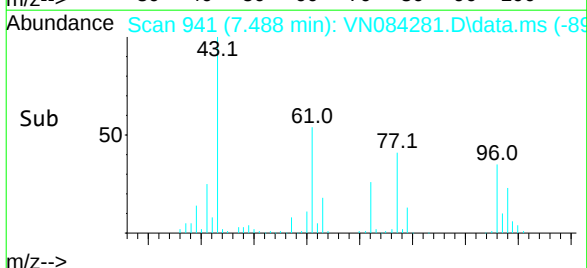
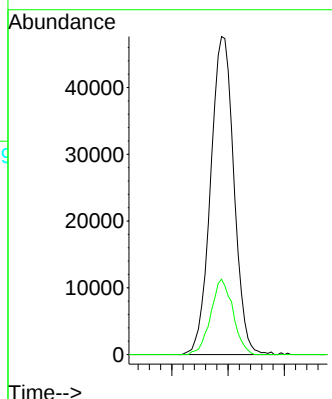
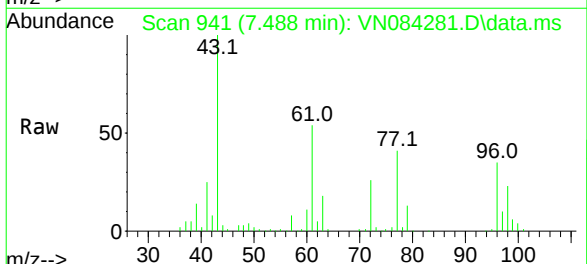
Manual Integrations
APPROVED

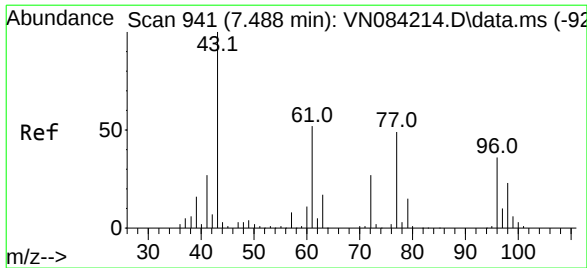
Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024



#26
2,2-Dichloropropane
Concen: 41.771 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN084281.D
Acq: 02 Oct 2024 21:45

Tgt Ion: 77 Resp: 137385
Ion Ratio Lower Upper
77 100
97 22.5 10.8 32.3





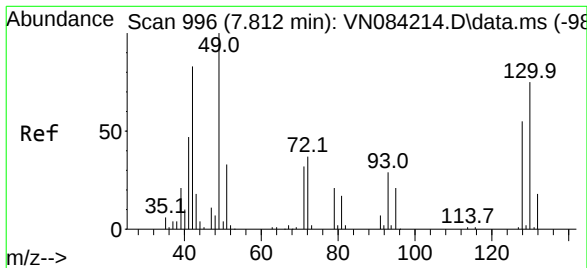
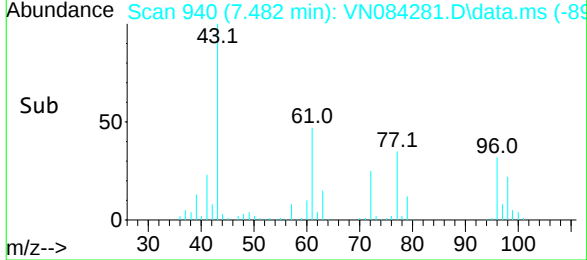
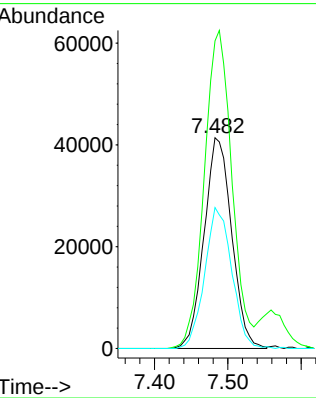
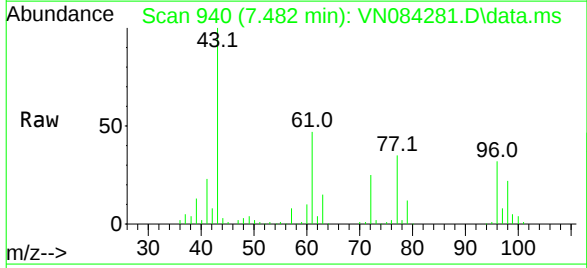
#27
cis-1,2-Dichloroethene
Concen: 47.093 ug/l
RT: 7.482 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN084281.D
Acq: 02 Oct 2024 21:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 108257
Ion Ratio Lower Upper
96 100
61 150.9 0.0 301.8
98 65.6 0.0 128.2

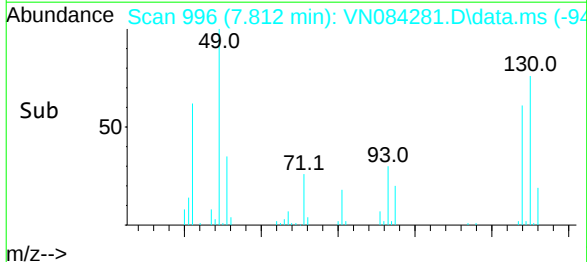
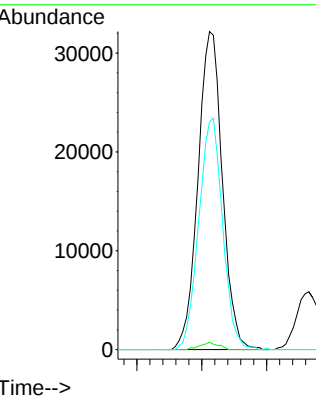
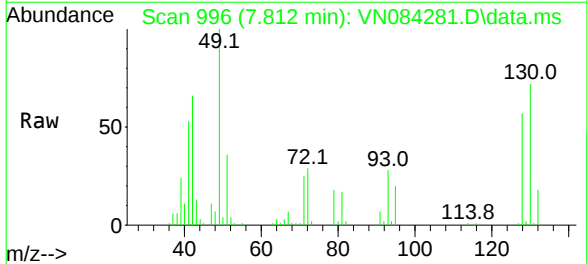
Manual Integrations
APPROVED

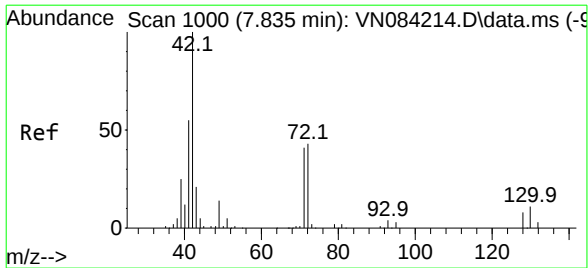
Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024



#28
Bromochloromethane
Concen: 51.577 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN084281.D
Acq: 02 Oct 2024 21:45

Tgt Ion: 49 Resp: 83943
Ion Ratio Lower Upper
49 100
129 1.7 0.0 3.6
130 71.3 58.0 87.0





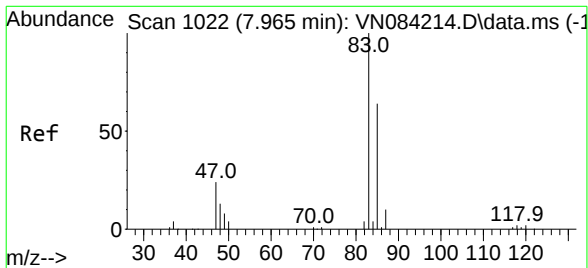
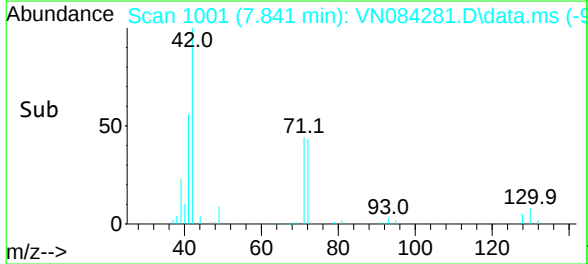
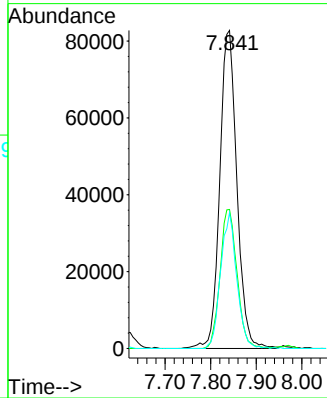
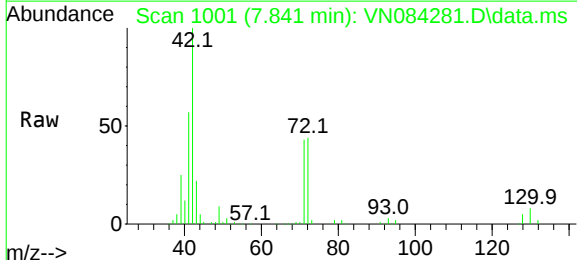
#29
Tetrahydrofuran
Concen: 250.244 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VN084281.D
Acq: 02 Oct 2024 21:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 216051
Ion Ratio Lower Upper
42 100
72 43.2 34.6 51.8
71 40.2 32.2 48.4

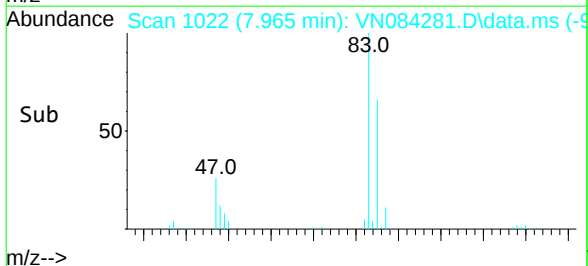
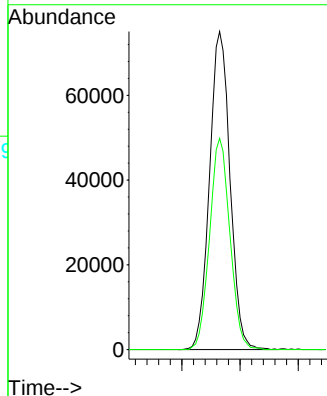
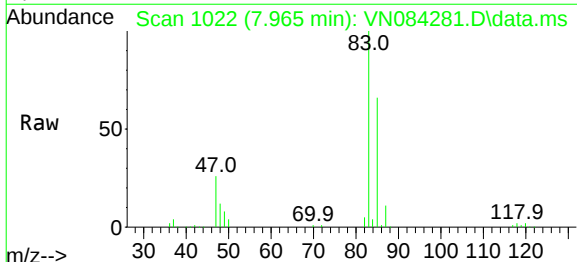
Manual Integrations
APPROVED

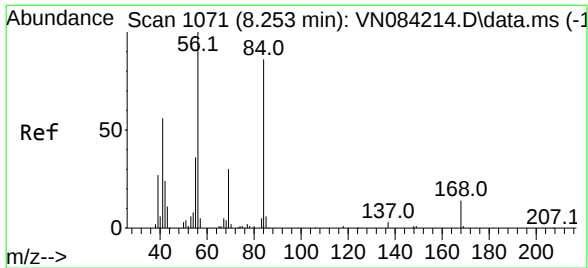
Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024



#30
Chloroform
Concen: 48.497 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN084281.D
Acq: 02 Oct 2024 21:45

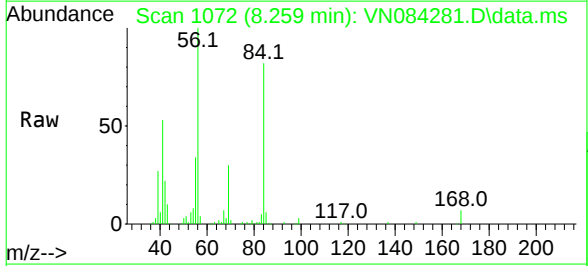
Tgt Ion: 83 Resp: 183758
Ion Ratio Lower Upper
83 100
85 66.4 51.0 76.4





#31
Cyclohexane
Concen: 44.553 ug/l
RT: 8.259 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VN084281.D
Acq: 02 Oct 2024 21:45

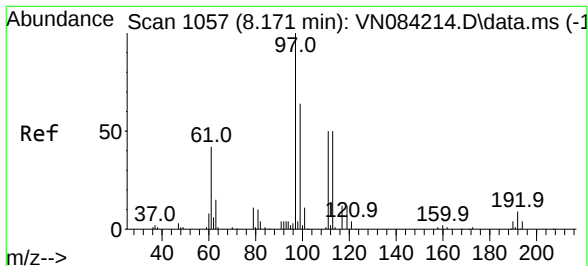
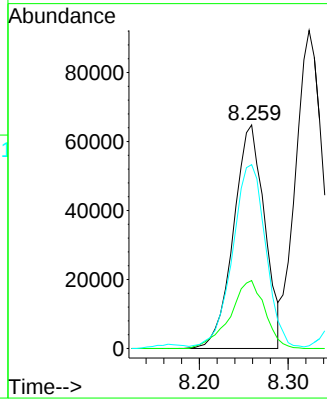
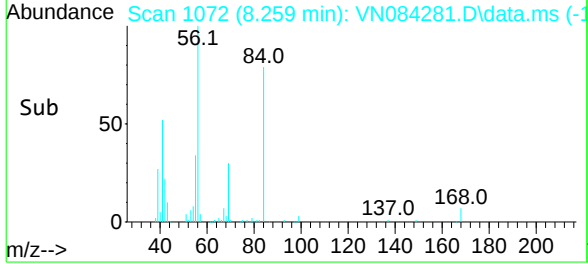
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 157794
Ion Ratio Lower Upper
56 100
69 30.4 23.8 35.6
84 80.7 68.8 103.2

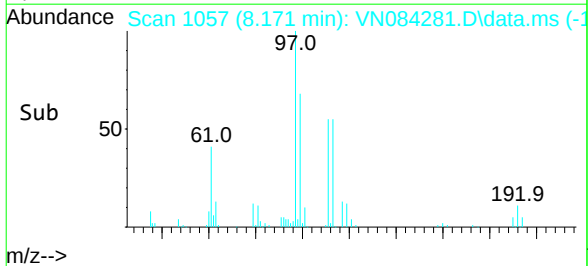
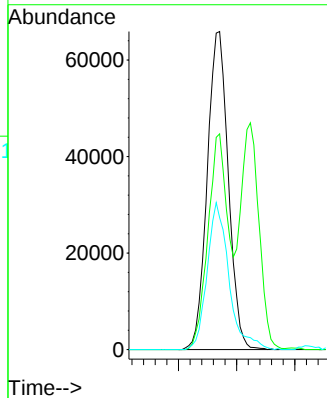
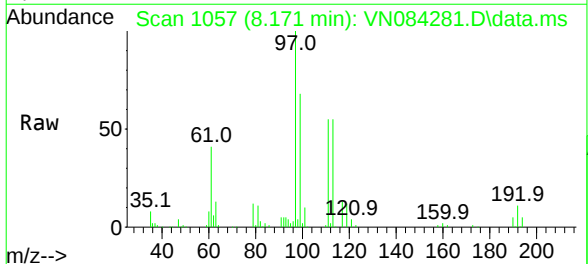
Manual Integrations
APPROVED

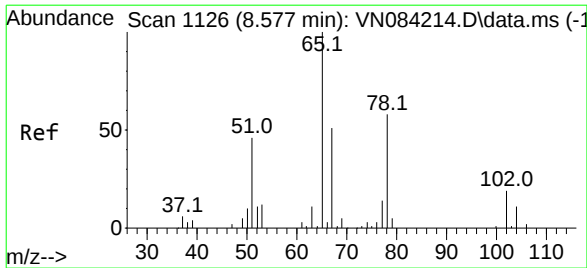
Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024



#32
1,1,1-Trichloroethane
Concen: 48.800 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN084281.D
Acq: 02 Oct 2024 21:45

Tgt Ion: 97 Resp: 166065
Ion Ratio Lower Upper
97 100
99 64.5 51.2 76.8
61 47.7 37.5 56.3





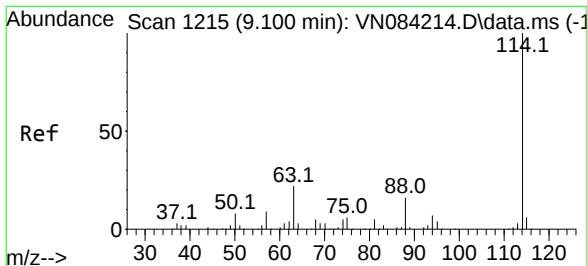
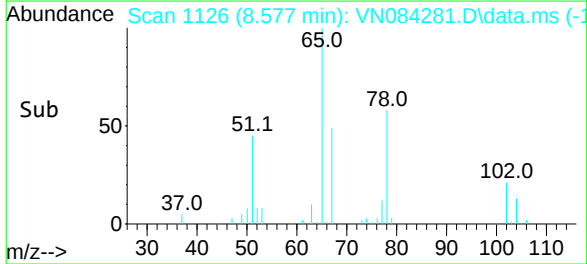
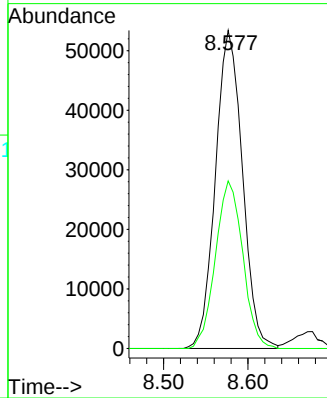
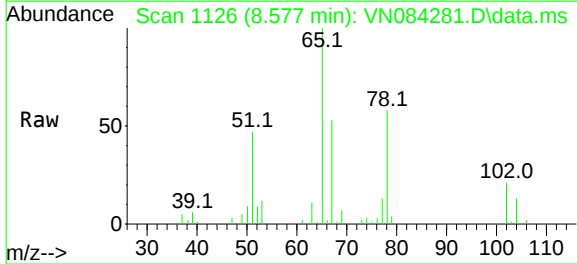
#33
1,2-Dichloroethane-d4
Concen: 49.608 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084281.D
Acq: 02 Oct 2024 21:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 65 Resp: 118619
Ion Ratio Lower Upper
65 100
67 53.3 0.0 102.0

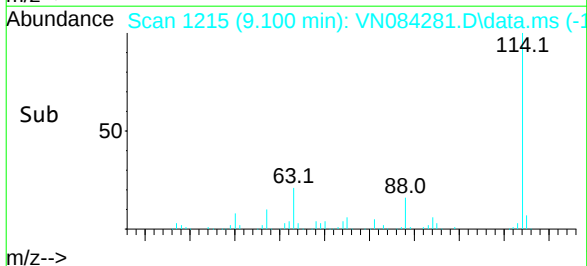
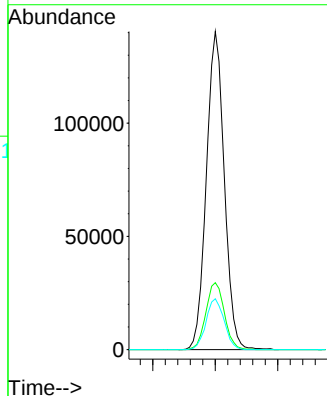
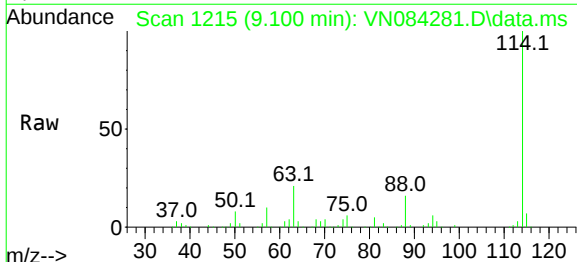
Manual Integrations
APPROVED

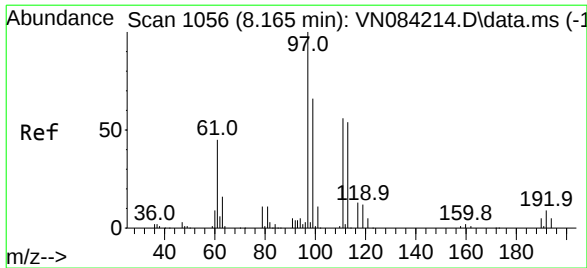
Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN084281.D
Acq: 02 Oct 2024 21:45

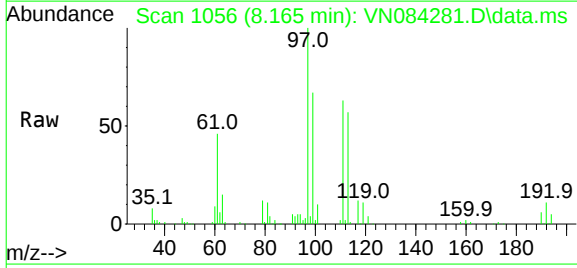
Tgt Ion:114 Resp: 279968
Ion Ratio Lower Upper
114 100
63 21.0 0.0 43.8
88 16.0 0.0 31.6





#35
Dibromofluoromethane
Concen: 49.963 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN084281.D
Acq: 02 Oct 2024 21:45

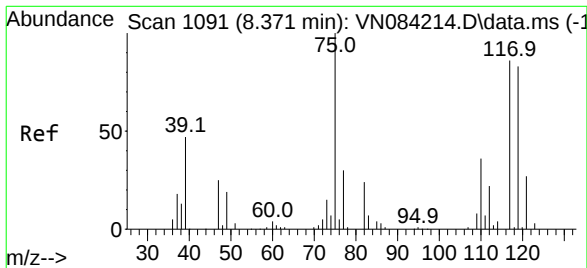
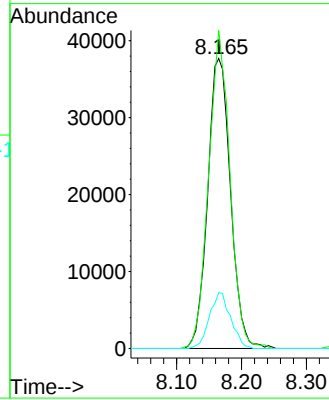
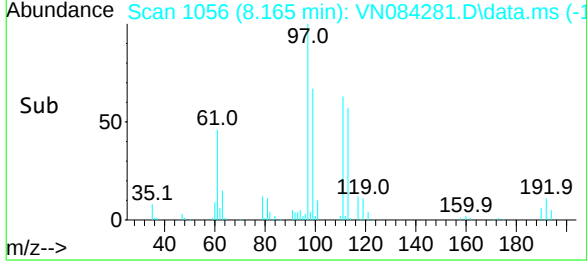
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



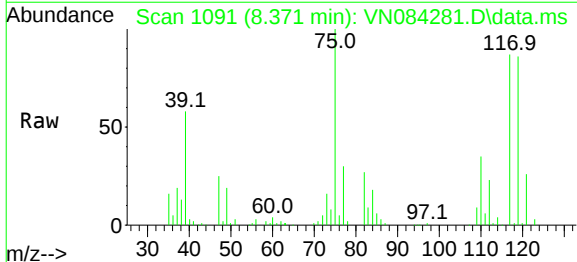
Tgt Ion: 113 Resp: 92218
Ion Ratio Lower Upper
113 100
111 102.6 83.3 124.9
192 17.9 13.5 20.3

Manual Integrations
APPROVED

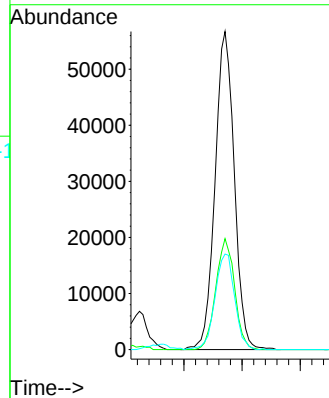
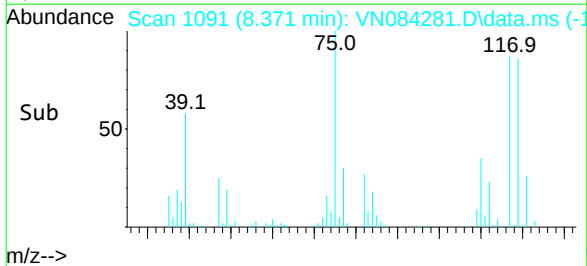
Reviewed By : John Carlone 10/03/2024
Supervised By : Semsettin Yesilyurt 10/03/2024

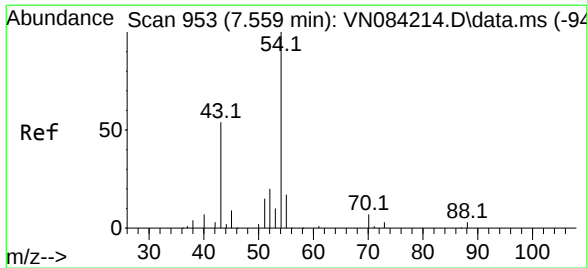


#36
1,1-Dichloropropene
Concen: 48.541 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN084281.D
Acq: 02 Oct 2024 21:45



Tgt Ion: 75 Resp: 130137
Ion Ratio Lower Upper
75 100
110 34.1 16.9 50.7
77 30.8 24.7 37.1





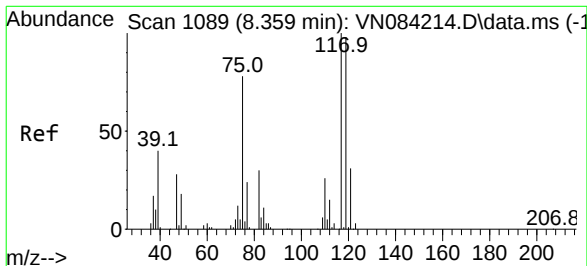
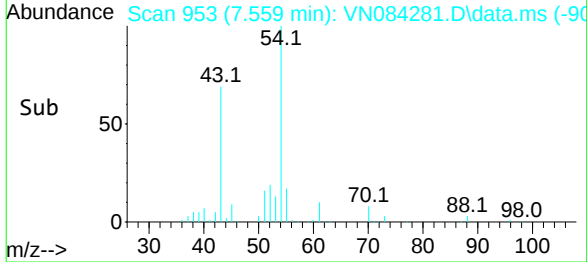
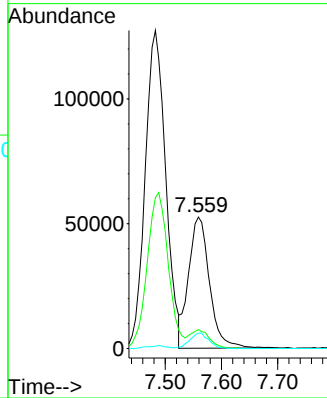
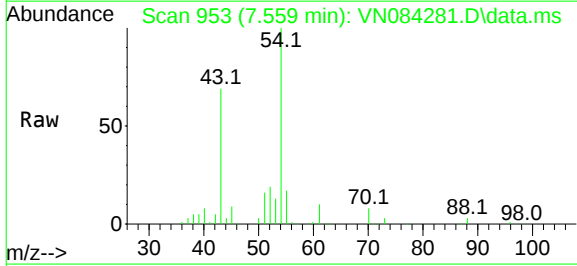
#37
Ethyl Acetate
Concen: 49.432 ug/l
RT: 7.559 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN084281.D
Acq: 02 Oct 2024 21:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 135961
Ion Ratio Lower Upper
43 100
61 13.3 10.7 16.1
70 10.7 8.8 13.2

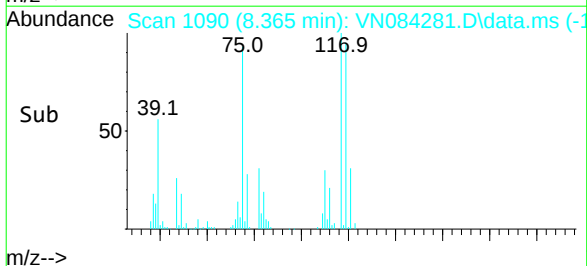
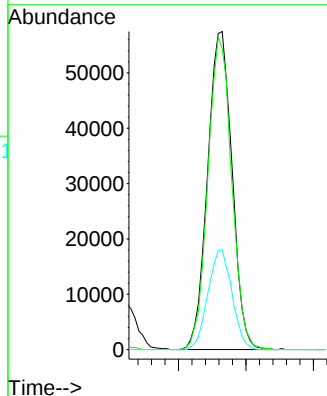
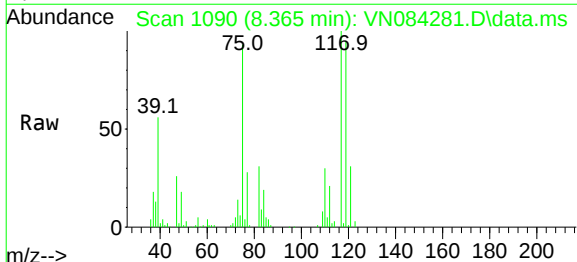
Manual Integrations
APPROVED

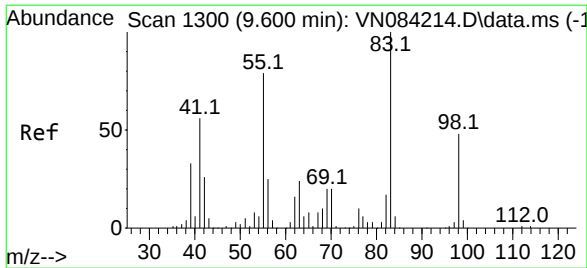
Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024



#38
Carbon Tetrachloride
Concen: 49.258 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN084281.D
Acq: 02 Oct 2024 21:45

Tgt Ion:117 Resp: 144864
Ion Ratio Lower Upper
117 100
119 94.6 78.7 118.1
121 31.4 24.4 36.6





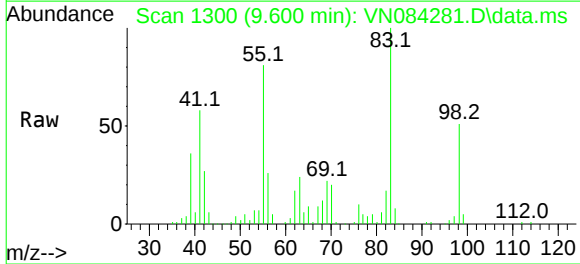
#39
Methylcyclohexane
Concen: 48.369 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VN084281.D
Acq: 02 Oct 2024 21:45

Instrument :

MSVOA_N

ClientSampleId :

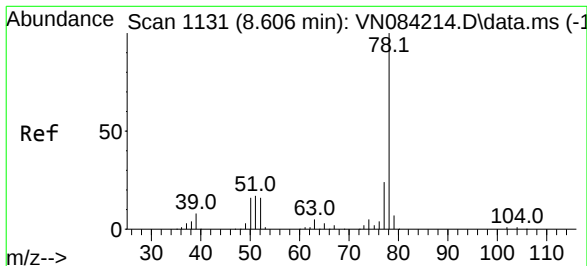
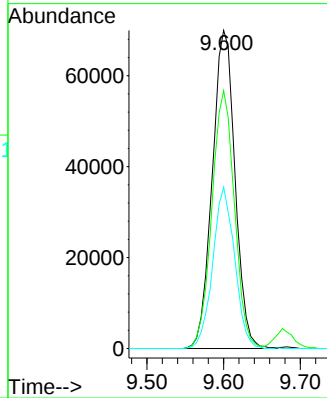
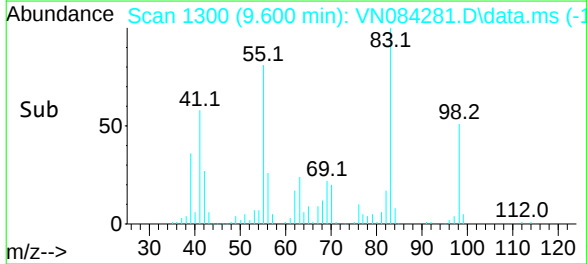
VSTDCCC050EC



Tgt Ion: 83 Resp: 144325
Ion Ratio Lower Upper
83 100
55 81.1 62.8 94.2
98 50.7 38.8 58.2

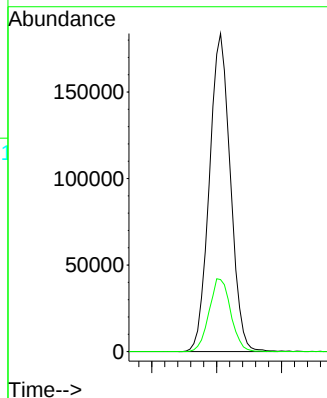
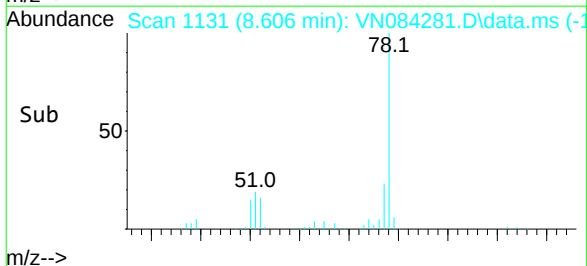
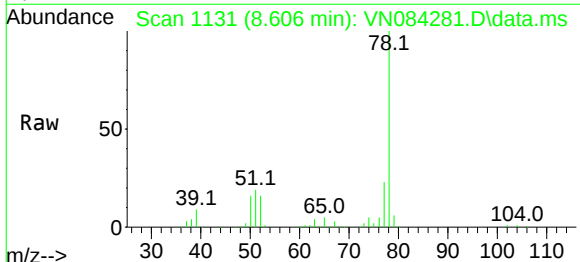
Manual Integrations
APPROVED

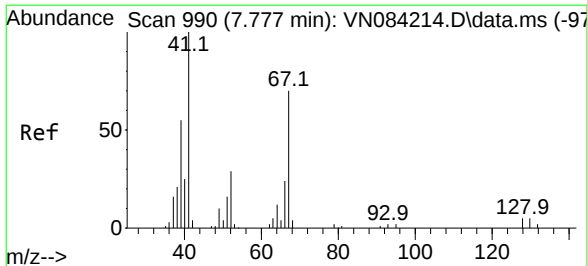
Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024



#40
Benzene
Concen: 49.426 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN084281.D
Acq: 02 Oct 2024 21:45

Tgt Ion: 78 Resp: 412858
Ion Ratio Lower Upper
78 100
77 22.6 19.1 28.7





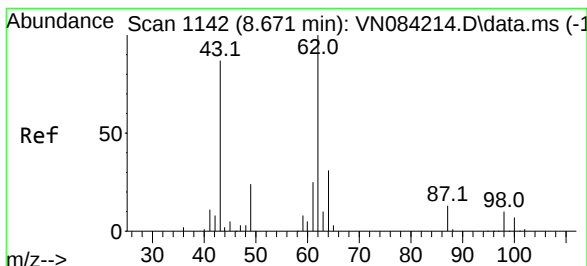
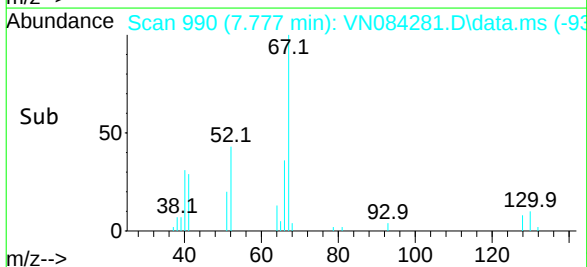
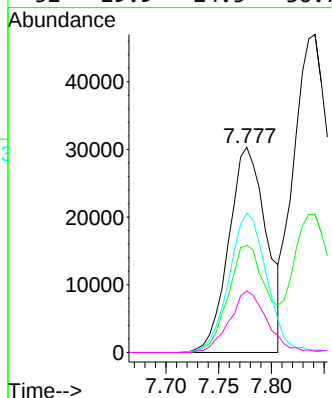
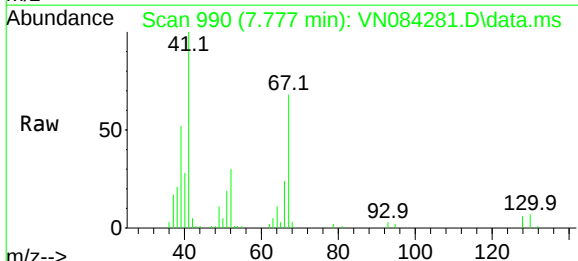
#41
Methacrylonitrile
Concen: 50.579 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN084281.D
Acq: 02 Oct 2024 21:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41	Resp: 75524
Ion Ratio	Lower Upper
41 100	
39 53.1	43.3 64.9
67 68.0	56.1 84.1
52 29.9	24.5 36.7

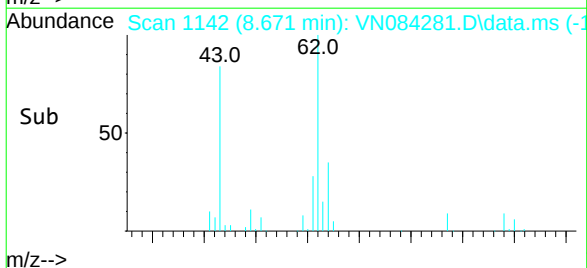
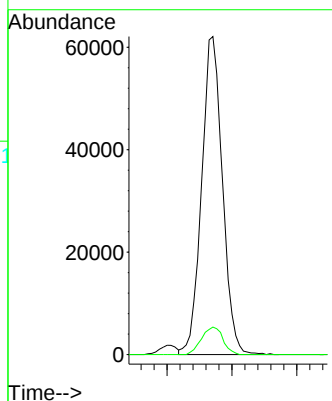
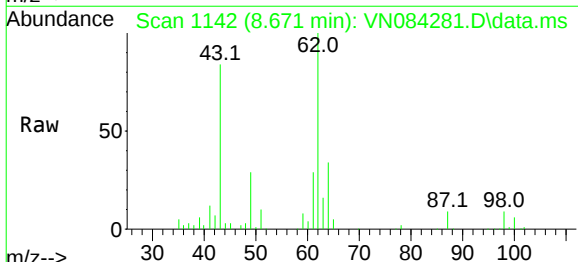
Manual Integrations
APPROVED

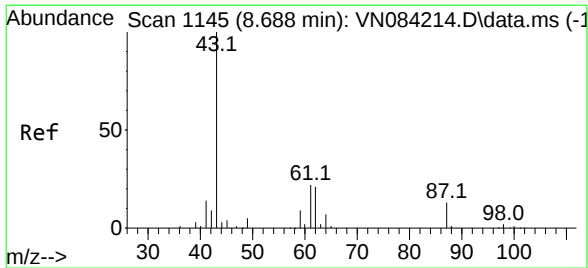
Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024



#42
1,2-Dichloroethane
Concen: 48.915 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN084281.D
Acq: 02 Oct 2024 21:45

Tgt Ion: 62	Resp: 138518
Ion Ratio	Lower Upper
62 100	
98 8.9	0.0 18.2





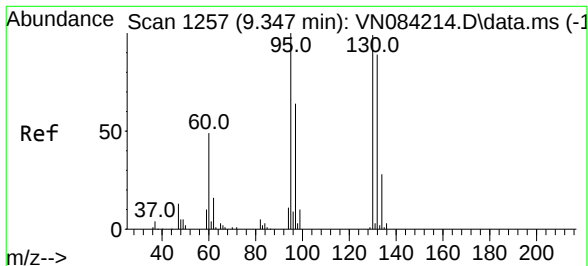
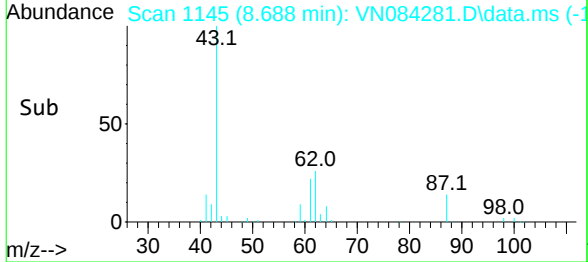
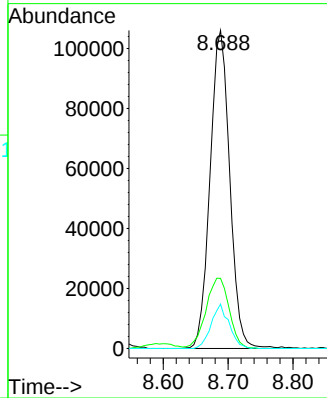
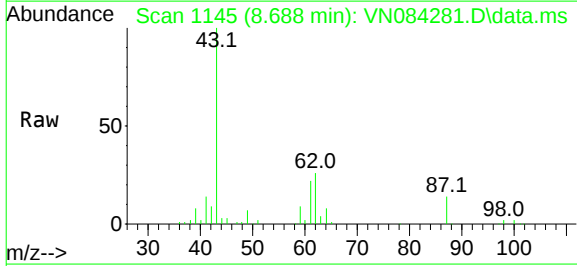
#43
Isopropyl Acetate
Concen: 41.421 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN084281.D
Acq: 02 Oct 2024 21:45

Instrument : MSVOA_N
ClientSampleId : VSTDCCC050EC

Tgt Ion: 43 Resp: 223148
Ion Ratio Lower Upper
43 100
61 26.2 20.4 30.6
87 12.8 10.3 15.5

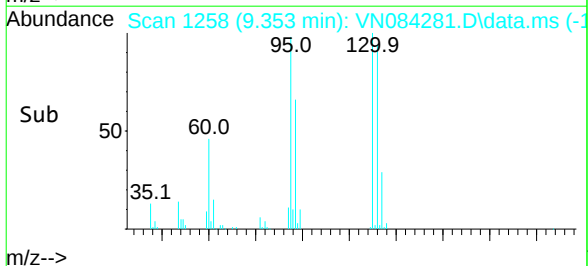
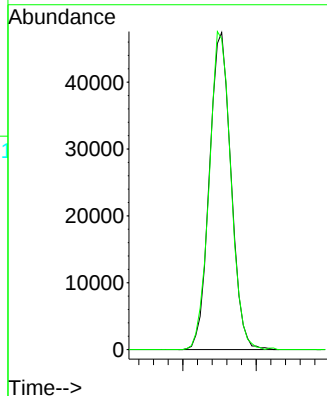
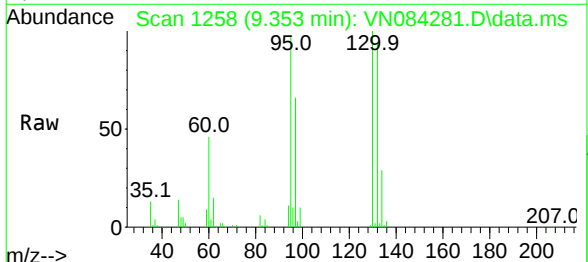
Manual Integrations
APPROVED

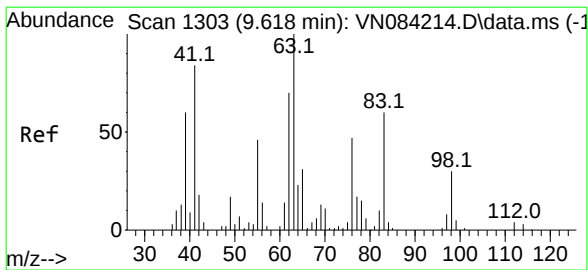
Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024



#44
Trichloroethene
Concen: 49.674 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN084281.D
Acq: 02 Oct 2024 21:45

Tgt Ion:130 Resp: 96911
Ion Ratio Lower Upper
130 100
95 98.0 0.0 203.0





#45

1,2-Dichloropropane

Concen: 50.615 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN084281.D

Acq: 02 Oct 2024 21:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 100016

Ion Ratio Lower Upper

63 100

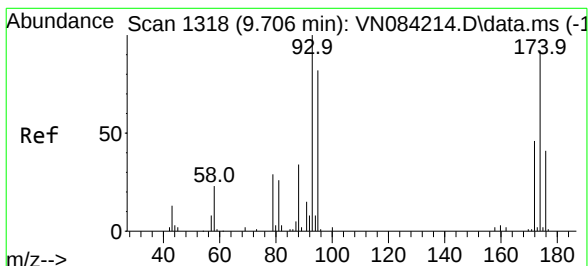
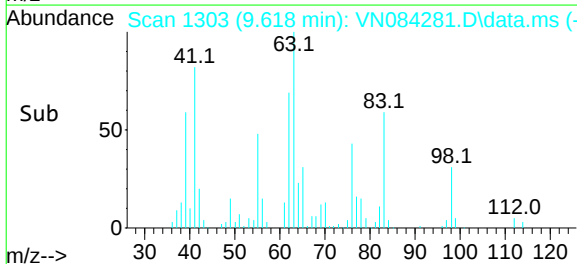
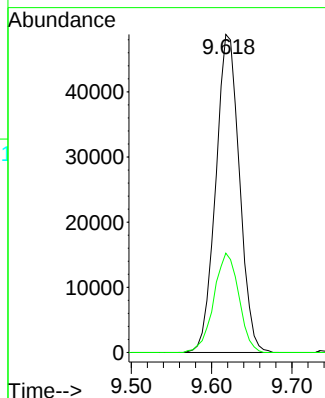
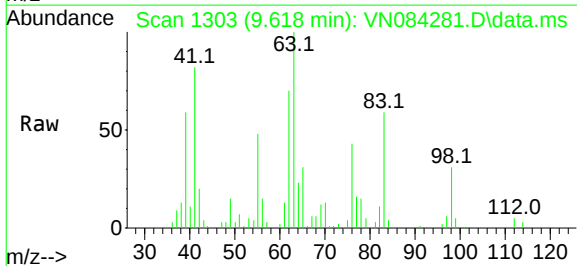
65 31.2 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/03/2024

Supervised By :Semsettin Yesilyurt 10/03/2024



#46

Dibromomethane

Concen: 51.755 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN084281.D

Acq: 02 Oct 2024 21:45

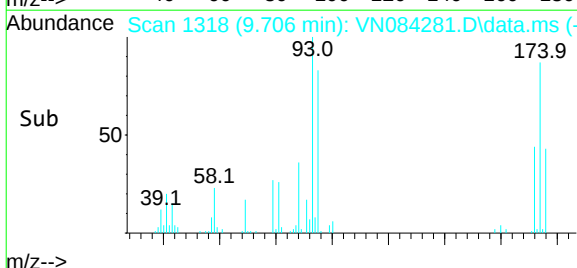
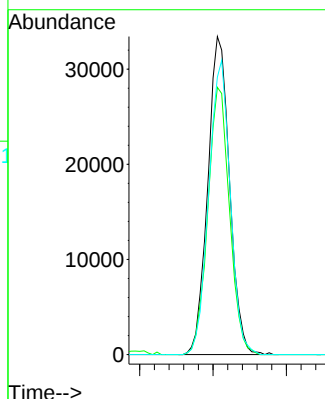
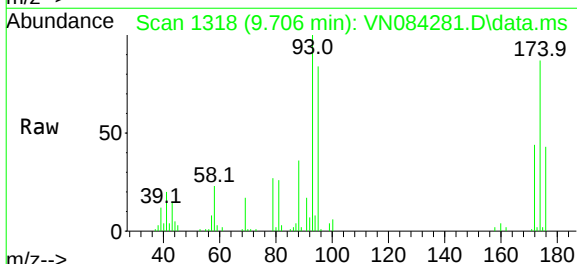
Tgt Ion: 93 Resp: 69014

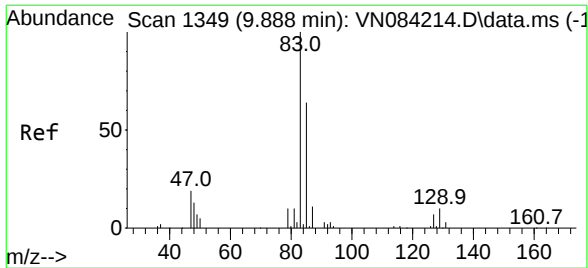
Ion Ratio Lower Upper

93 100

95 83.5 65.0 97.4

174 91.0 71.8 107.8





#47
Bromodichloromethane
Concen: 51.290 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN084281.D
Acq: 02 Oct 2024 21:45

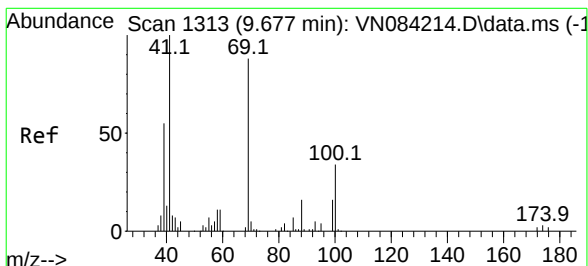
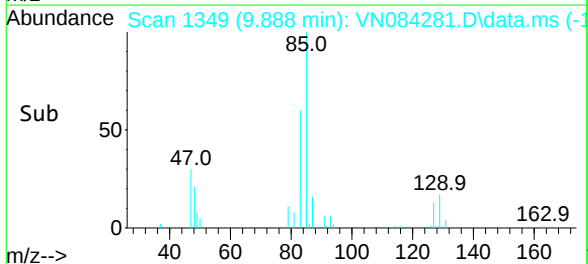
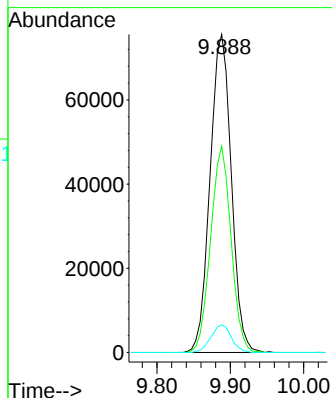
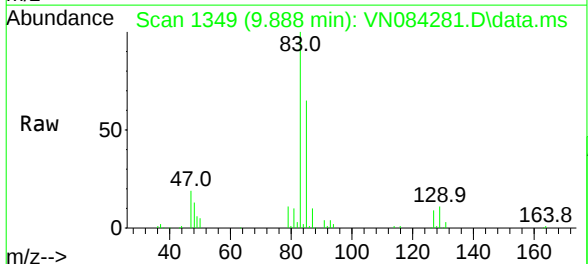
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 151952

Ion	Ratio	Lower	Upper
83	100		
85	64.9	51.5	77.3
127	8.7	5.7	8.5

Manual Integrations
APPROVED

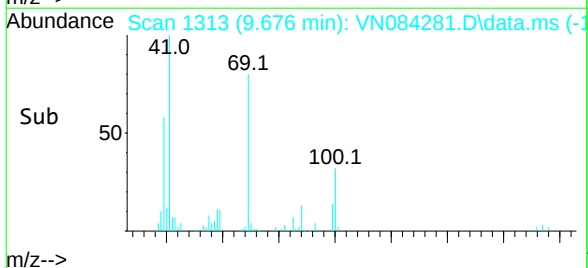
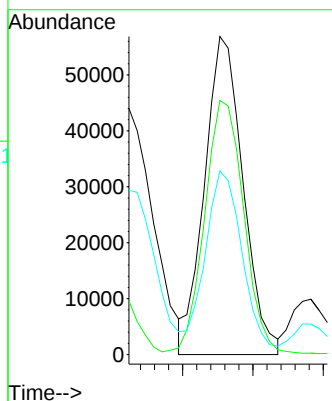
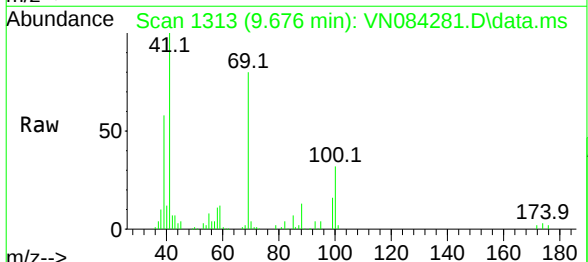
Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024

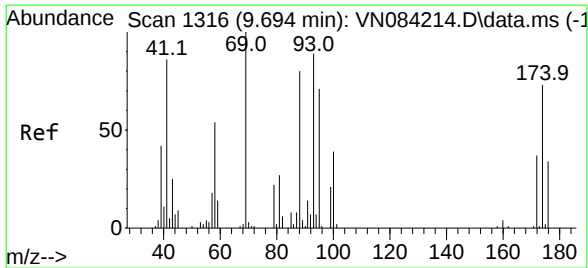


#48
Methyl methacrylate
Concen: 50.489 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN084281.D
Acq: 02 Oct 2024 21:45

Tgt Ion: 41 Resp: 108276

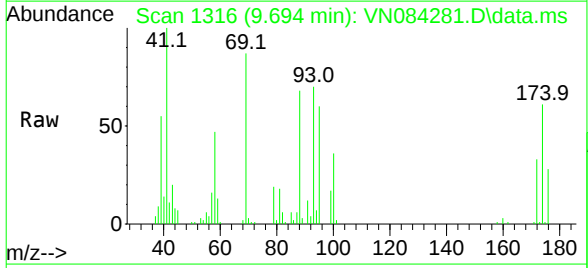
Ion	Ratio	Lower	Upper
41	100		
69	81.8	67.1	100.7
39	56.3	45.8	68.6





#49
1,4-Dioxane
Concen: 952.271 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN084281.D
Acq: 02 Oct 2024 21:45

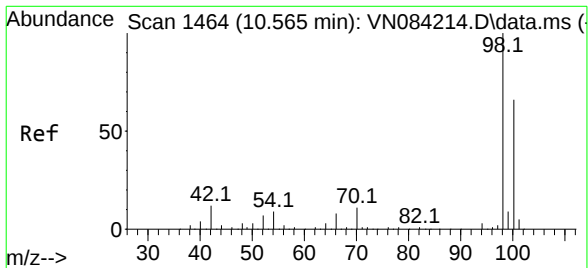
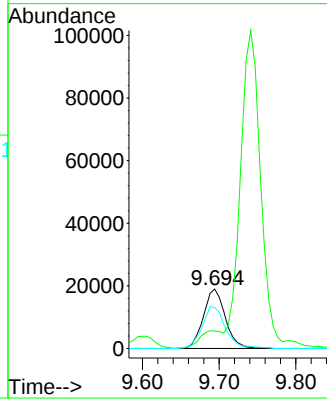
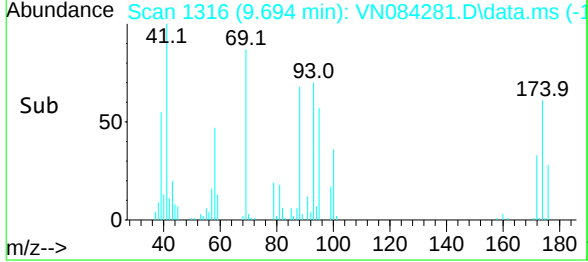
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 37597
Ion Ratio Lower Upper
88 100
43 28.0 25.3 37.9
58 76.1 56.4 84.6

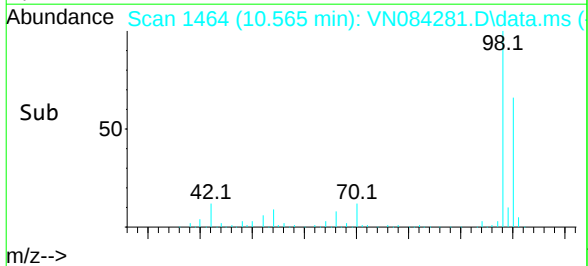
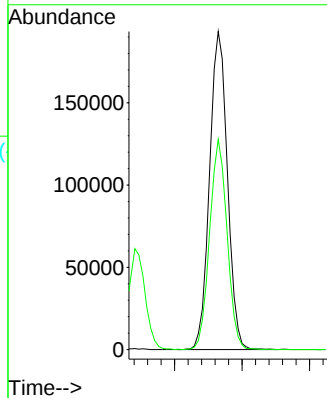
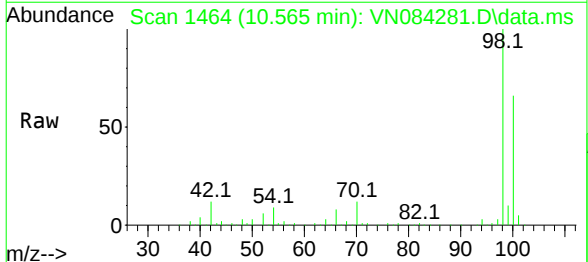
Manual Integrations
APPROVED

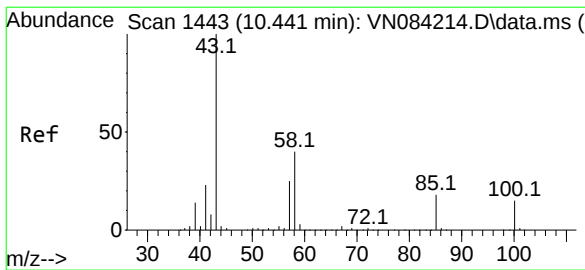
Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024



#50
Toluene-d8
Concen: 52.310 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084281.D
Acq: 02 Oct 2024 21:45

Tgt Ion: 98 Resp: 355215
Ion Ratio Lower Upper
98 100
100 64.6 52.7 79.1





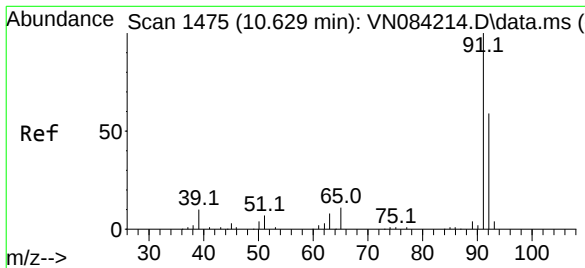
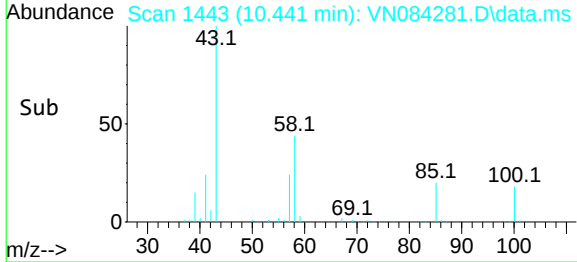
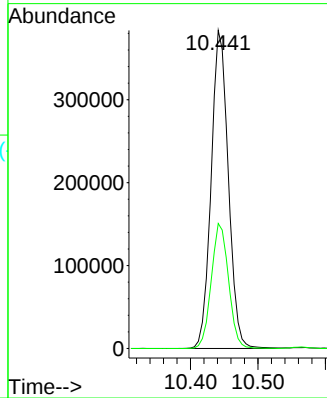
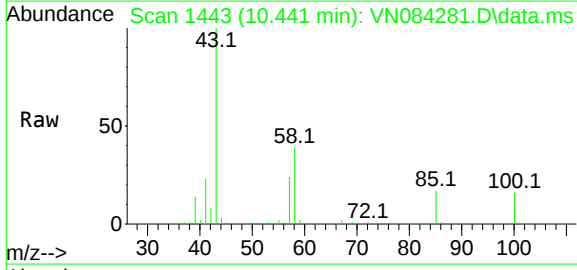
#51
4-Methyl-2-Pentanone
Concen: 258.995 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN084281.D
Acq: 02 Oct 2024 21:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 678130
Ion Ratio Lower Upper
43 100
58 39.5 31.6 47.4

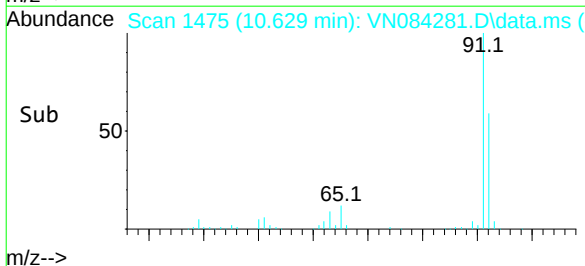
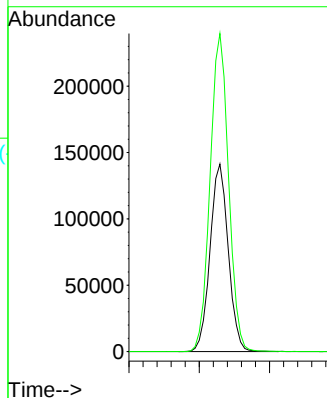
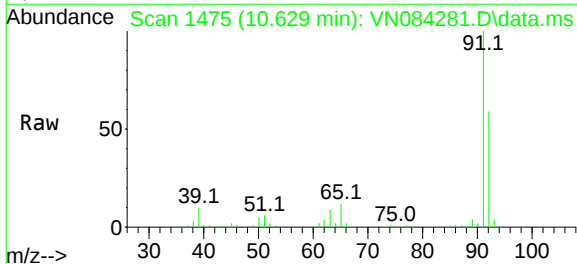
Manual Integrations
APPROVED

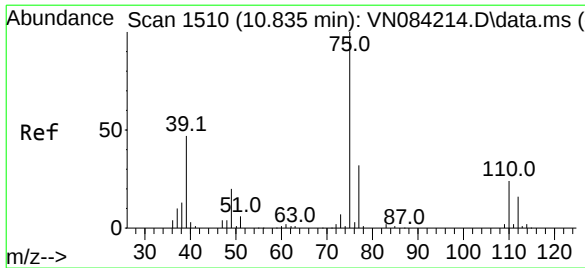
Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024



#52
Toluene
Concen: 49.926 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN084281.D
Acq: 02 Oct 2024 21:45

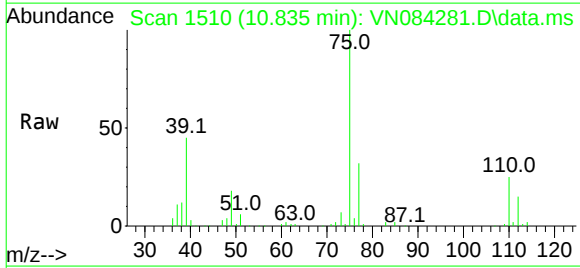
Tgt Ion: 92 Resp: 254306
Ion Ratio Lower Upper
92 100
91 171.9 137.3 205.9





#53
t-1,3-Dichloropropene
Concen: 49.129 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN084281.D
Acq: 02 Oct 2024 21:45

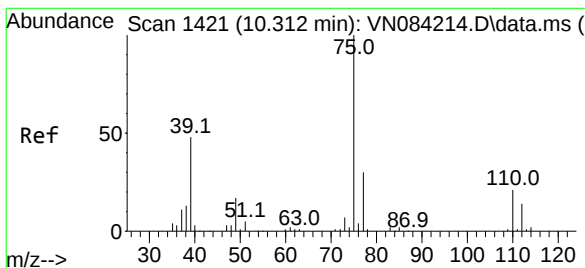
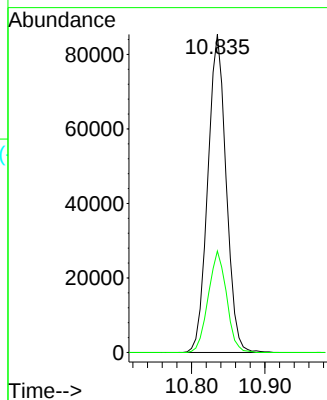
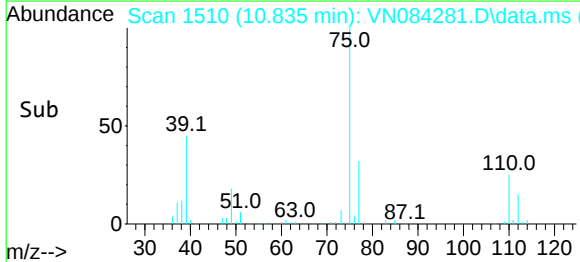
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 148365
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.0

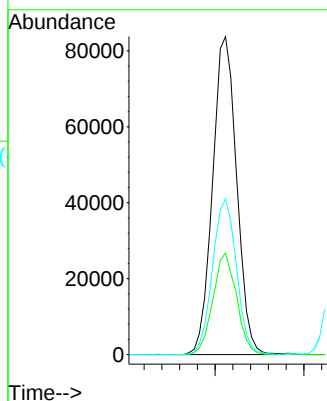
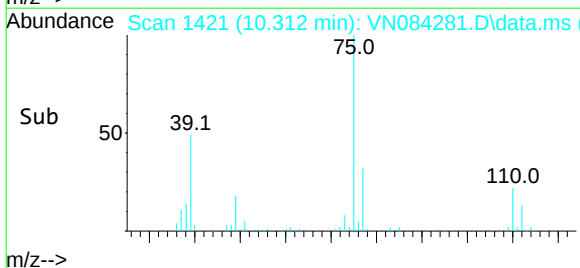
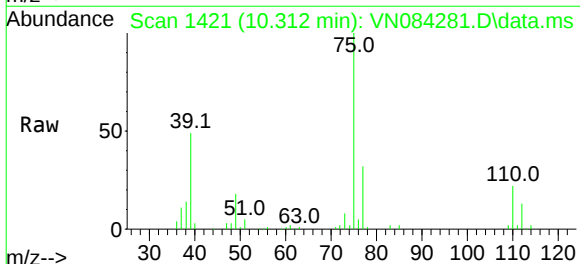
Manual Integrations
APPROVED

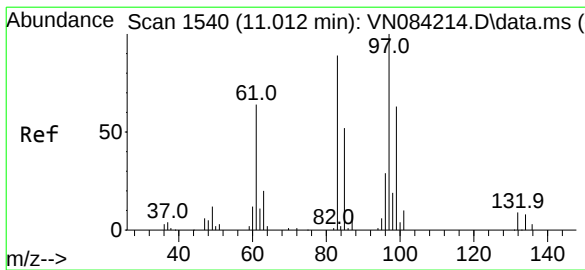
Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024



#54
cis-1,3-Dichloropropene
Concen: 48.572 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN084281.D
Acq: 02 Oct 2024 21:45

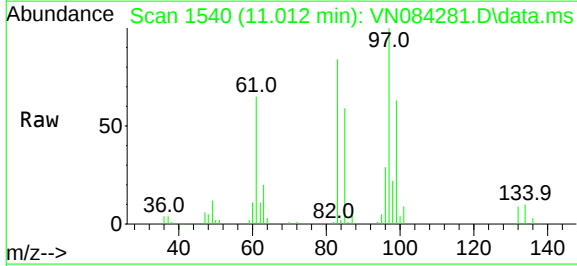
Tgt Ion: 75 Resp: 157775
Ion Ratio Lower Upper
75 100
77 31.9 24.2 36.2
39 48.9 38.7 58.1





#55
1,1,2-Trichloroethane
Concen: 51.257 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN084281.D
Acq: 02 Oct 2024 21:45

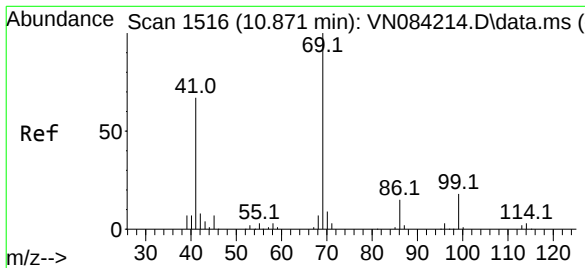
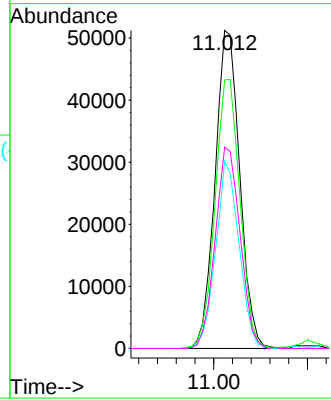
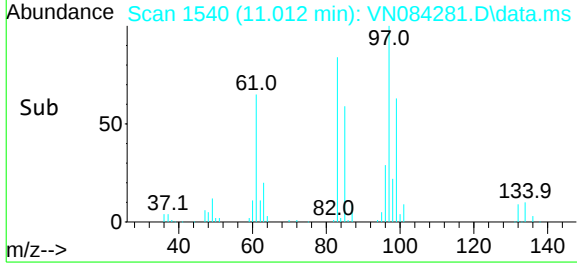
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.5	71.0	106.4
85	58.8	41.7	62.5
99	63.3	50.1	75.1

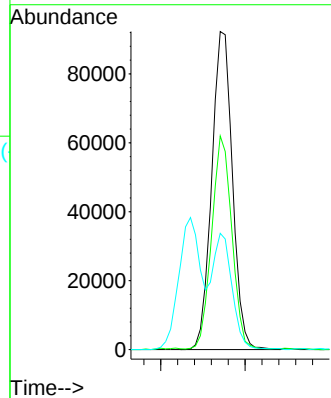
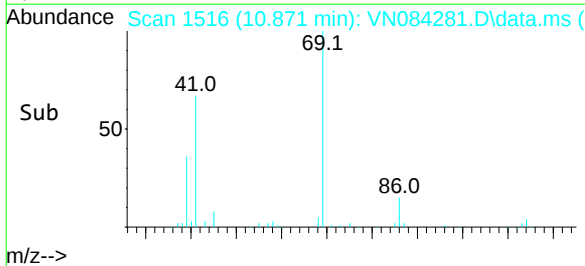
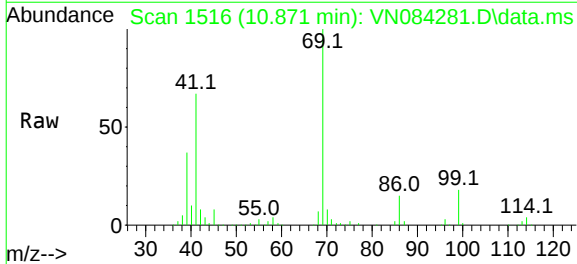
Manual Integrations
APPROVED

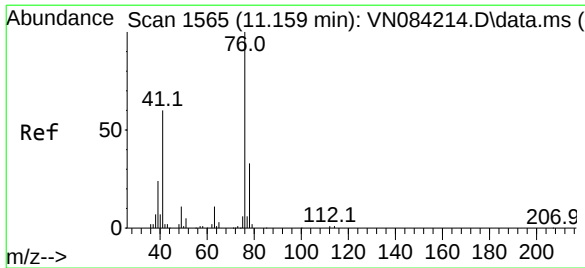
Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024



#56
Ethyl methacrylate
Concen: 52.447 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN084281.D
Acq: 02 Oct 2024 21:45

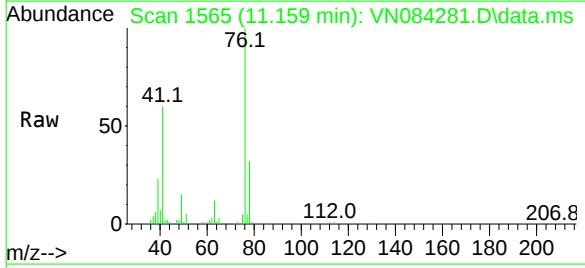
Tgt Ion	Ratio	Lower	Upper
69	100		
41	64.8	53.3	79.9
39	35.3	28.8	43.2





#57
1,3-Dichloropropane
Concen: 50.306 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN084281.D
Acq: 02 Oct 2024 21:45

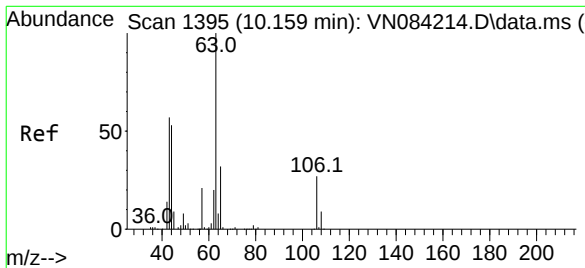
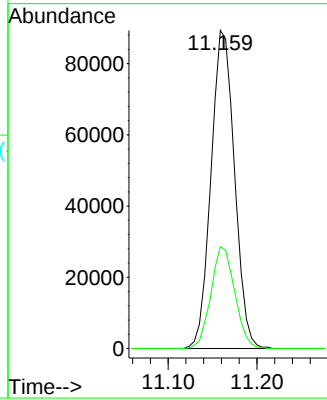
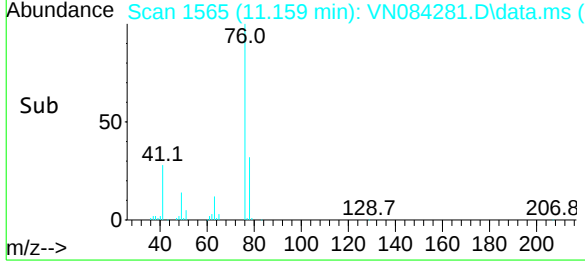
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 164143
Ion Ratio Lower Upper
76 100
78 32.4 25.8 38.6

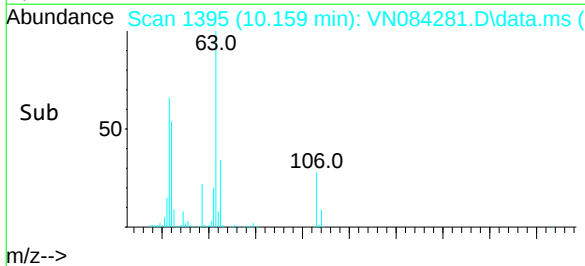
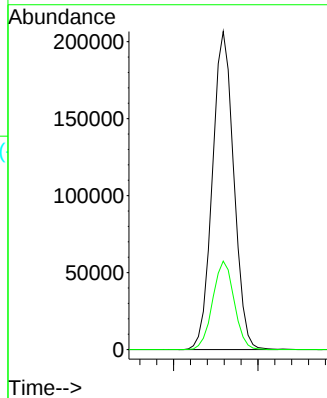
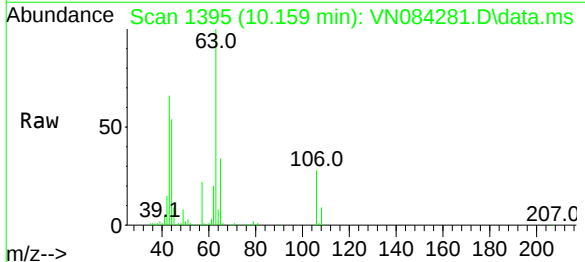
Manual Integrations
APPROVED

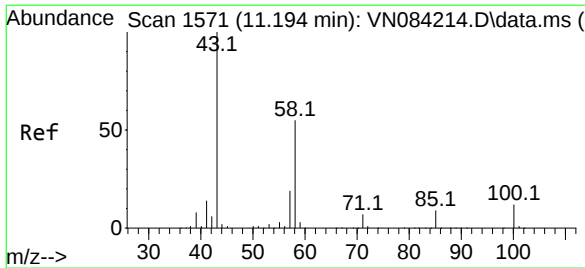
Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024



#58
2-Chloroethyl Vinyl ether
Concen: 261.228 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN084281.D
Acq: 02 Oct 2024 21:45

Tgt Ion: 63 Resp: 364109
Ion Ratio Lower Upper
63 100
106 27.9 21.8 32.6





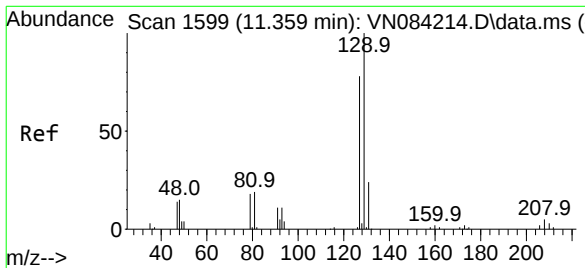
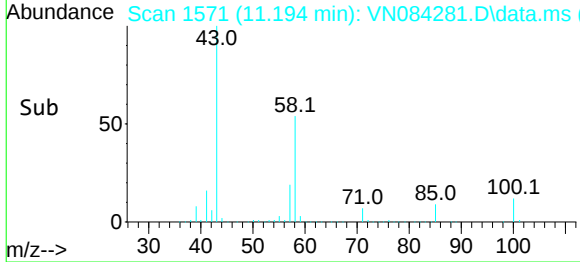
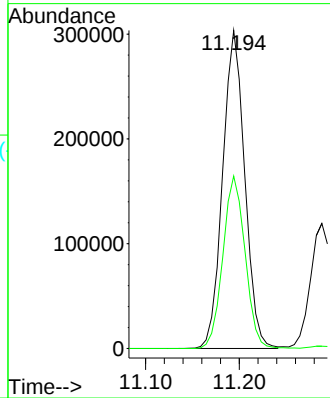
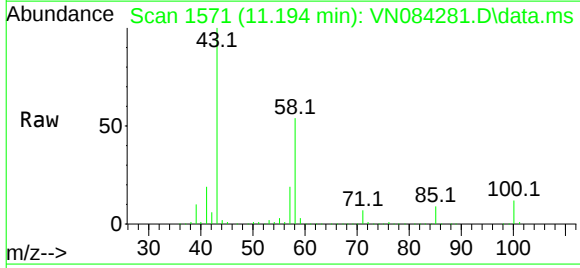
#59
2-Hexanone
Concen: 254.260 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN084281.D
Acq: 02 Oct 2024 21:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 497579
Ion Ratio Lower Upper
43 100
58 54.3 27.3 81.8

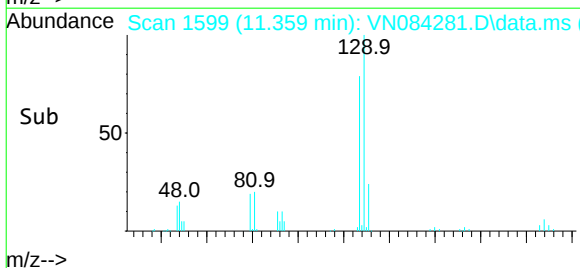
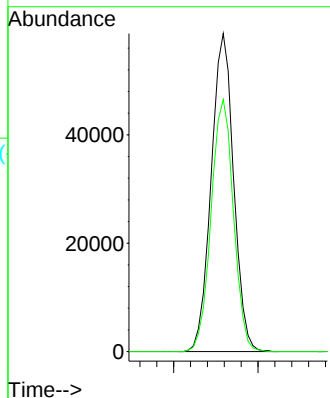
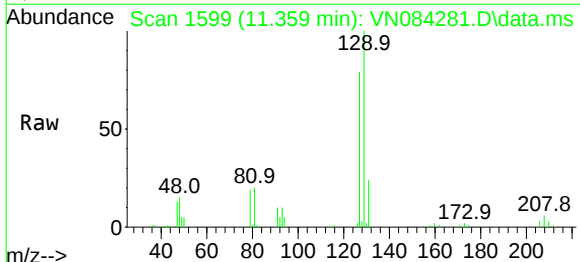
Manual Integrations
APPROVED

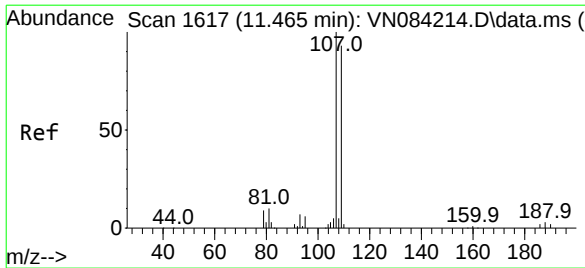
Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024



#60
Dibromochloromethane
Concen: 50.272 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN084281.D
Acq: 02 Oct 2024 21:45

Tgt Ion:129 Resp: 108463
Ion Ratio Lower Upper
129 100
127 78.9 38.3 114.9





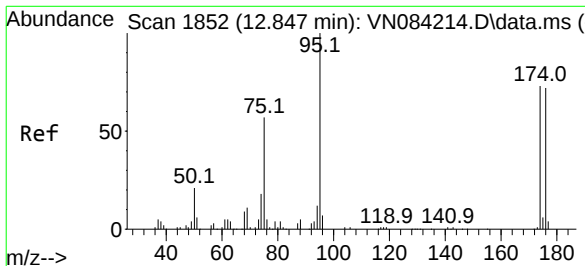
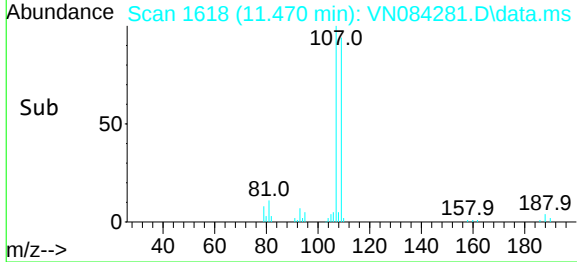
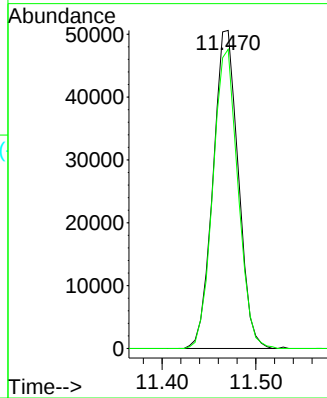
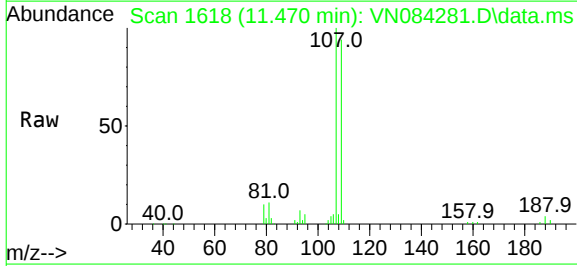
#61
1,2-Dibromoethane
Concen: 49.790 ug/l
RT: 11.470 min Scan# 1617
Delta R.T. 0.006 min
Lab File: VN084281.D
Acq: 02 Oct 2024 21:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 107 Resp: 94472
Ion Ratio Lower Upper
107 100
109 93.6 75.4 113.0

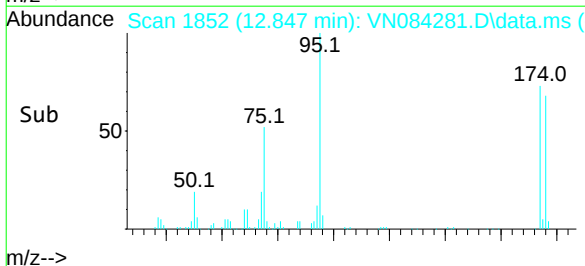
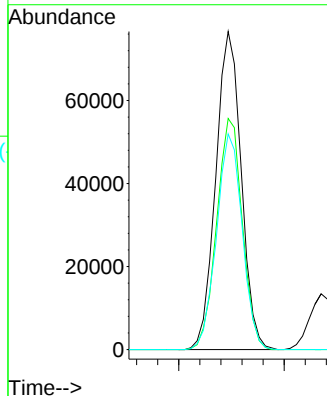
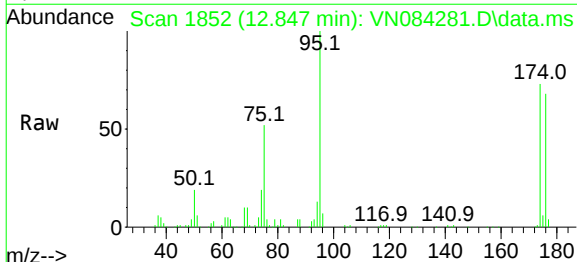
Manual Integrations
APPROVED

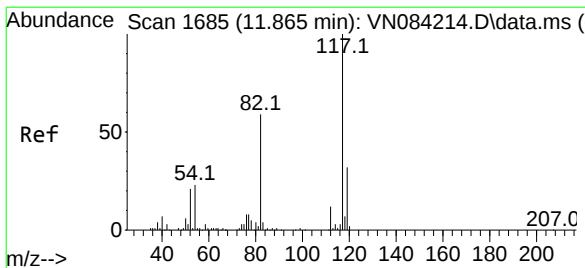
Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024



#62
4-Bromofluorobenzene
Concen: 51.989 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084281.D
Acq: 02 Oct 2024 21:45

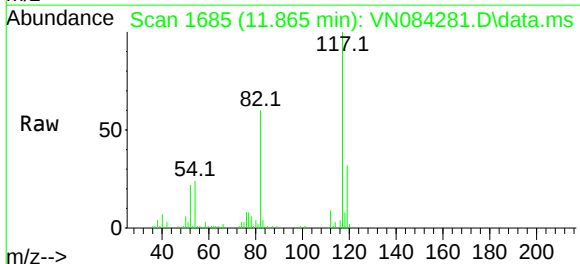
Tgt Ion: 95 Resp: 128614
Ion Ratio Lower Upper
95 100
174 73.1 0.0 145.2
176 68.4 0.0 140.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084281.D
Acq: 02 Oct 2024 21:45

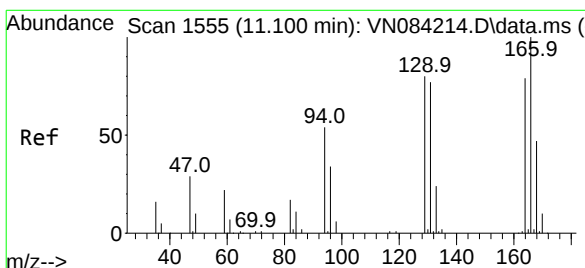
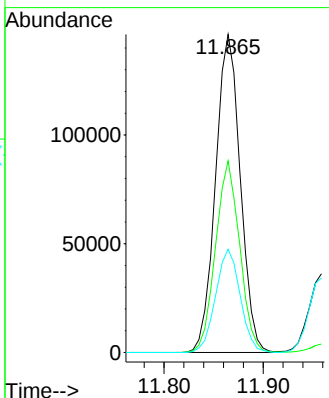
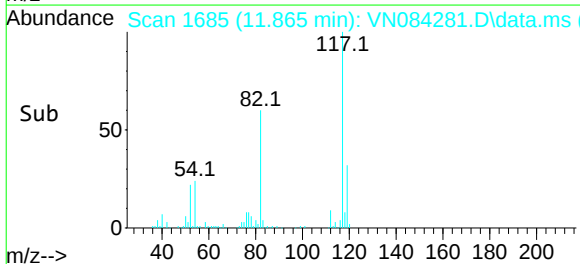
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 253464
Ion Ratio Lower Upper
117 100
82 60.3 47.2 70.8
119 32.5 25.4 38.0

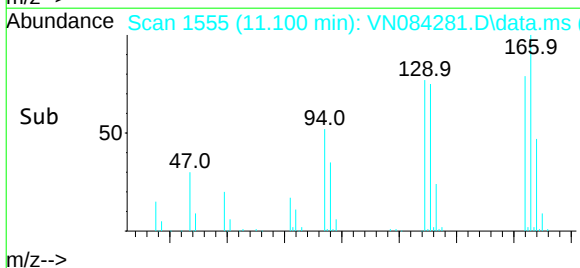
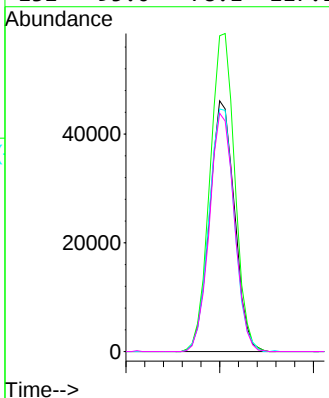
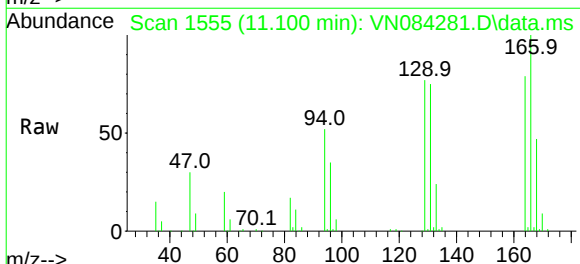
Manual Integrations
APPROVED

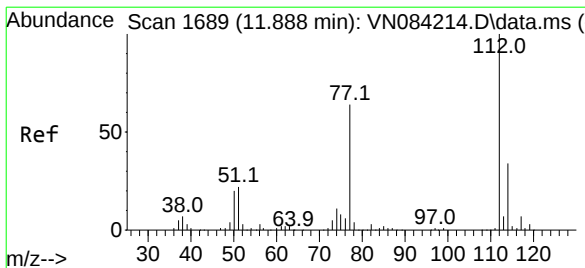
Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024



#64
Tetrachloroethene
Concen: 48.369 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN084281.D
Acq: 02 Oct 2024 21:45

Tgt Ion:164 Resp: 85392
Ion Ratio Lower Upper
164 100
166 126.0 101.0 151.4
129 96.8 80.8 121.2
131 95.0 78.1 117.1





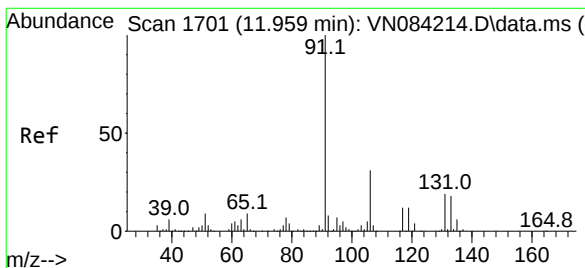
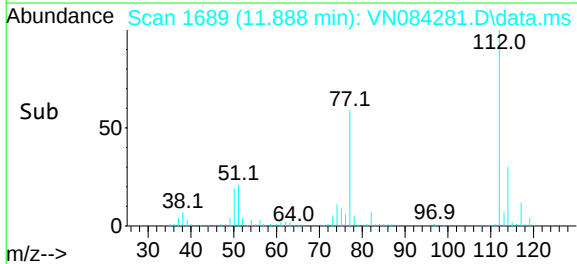
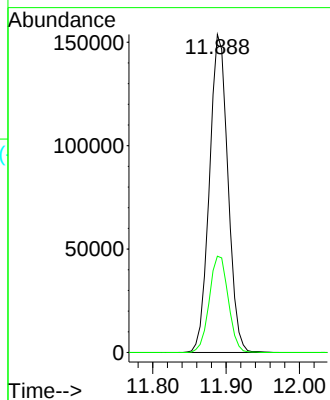
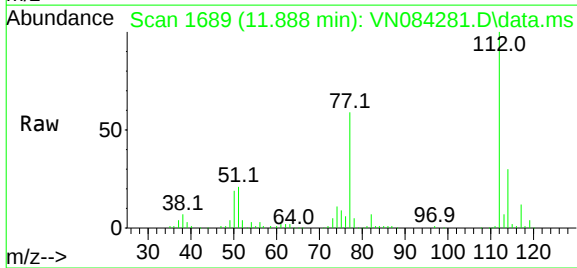
#65
Chlorobenzene
Concen: 47.949 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN084281.D
Acq: 02 Oct 2024 21:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 269466
Ion Ratio Lower Upper
112 100
114 30.3 27.0 40.6

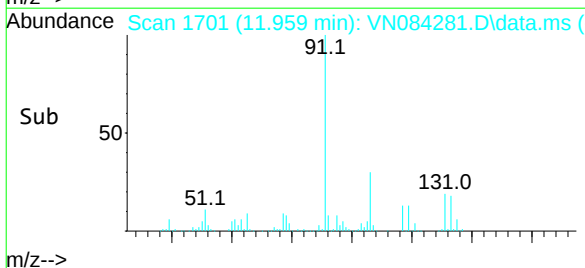
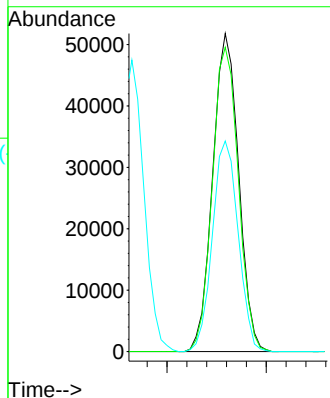
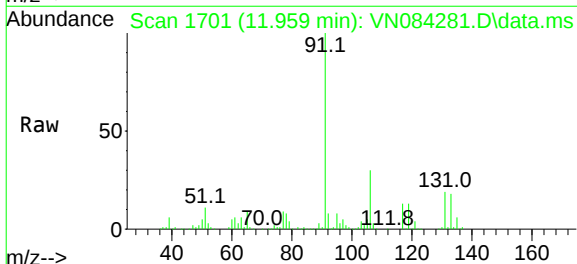
Manual Integrations
APPROVED

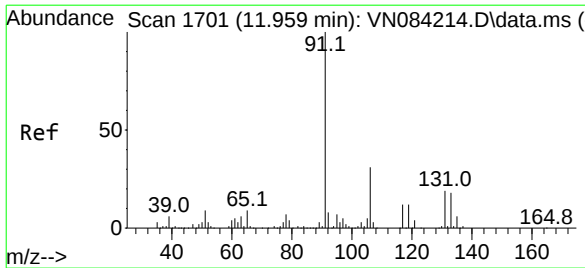
Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 48.550 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN084281.D
Acq: 02 Oct 2024 21:45

Tgt Ion:131 Resp: 93979
Ion Ratio Lower Upper
131 100
133 96.1 47.9 143.7
119 65.9 32.8 98.3





#67

Ethyl Benzene

Concen: 48.861 ug/l

RT: 11.965 min Scan# 1701

Delta R.T. 0.006 min

Lab File: VN084281.D

Acq: 02 Oct 2024 21:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 485611

Ion Ratio Lower Upper

91 100

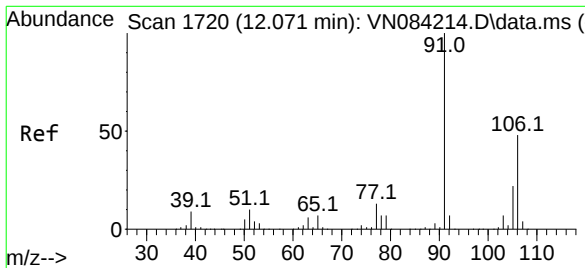
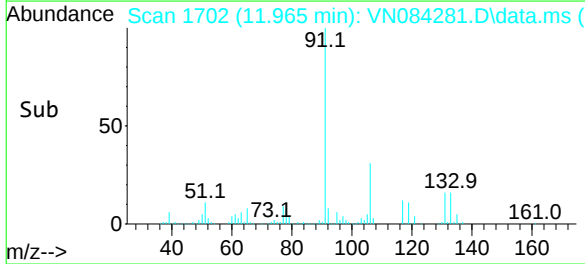
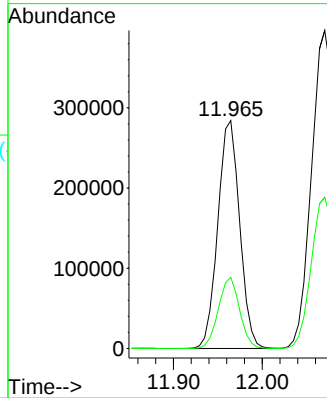
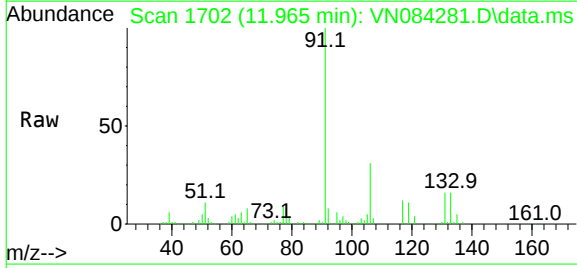
106 31.2 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/03/2024

Supervised By :Semsettin Yesilyurt 10/03/2024



#68

m/p-Xylenes

Concen: 100.093 ug/l

RT: 12.070 min Scan# 1720

Delta R.T. -0.000 min

Lab File: VN084281.D

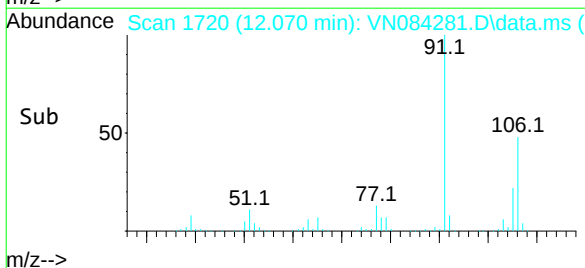
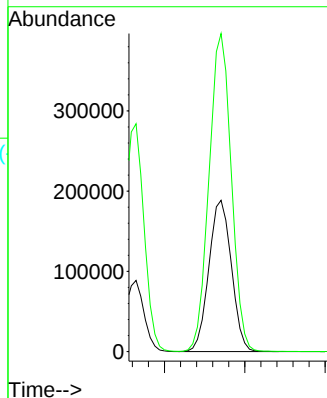
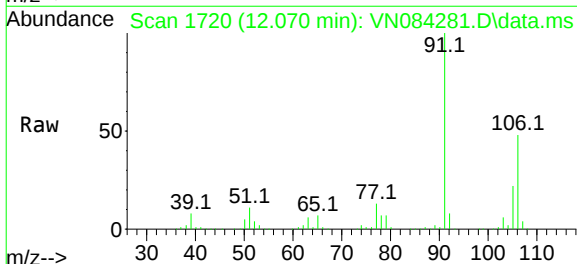
Acq: 02 Oct 2024 21:45

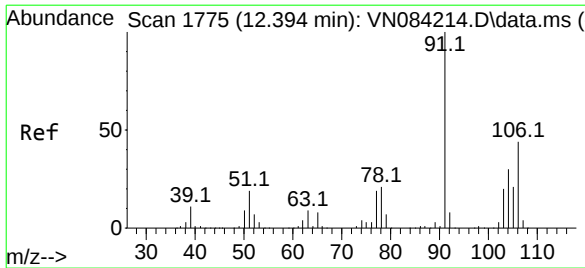
Tgt Ion:106 Resp: 367981

Ion Ratio Lower Upper

106 100

91 207.8 167.1 250.7





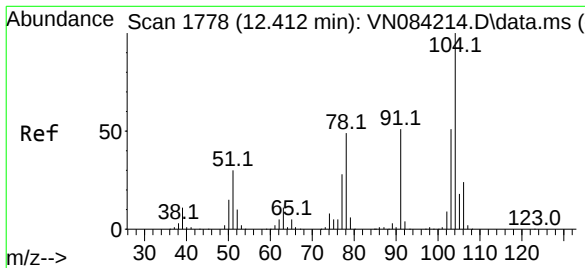
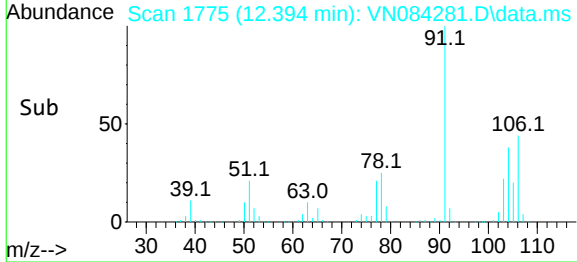
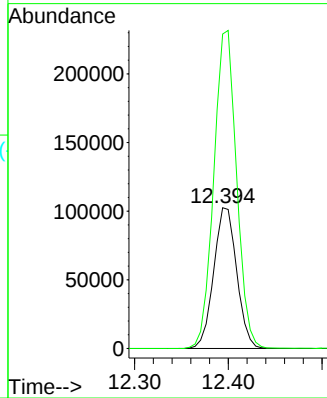
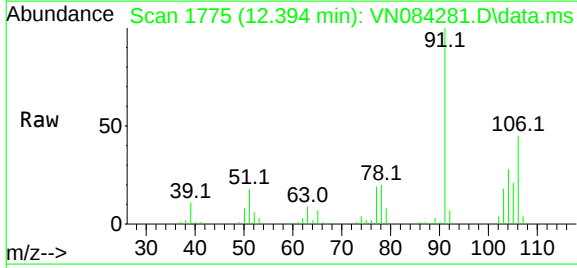
#69
o-Xylene
Concen: 50.211 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN084281.D
Acq: 02 Oct 2024 21:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 174646
Ion Ratio Lower Upper
106 100
91 223.6 110.2 330.6

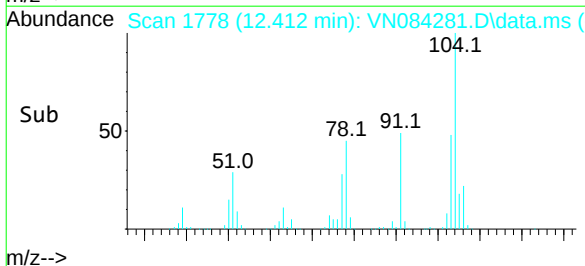
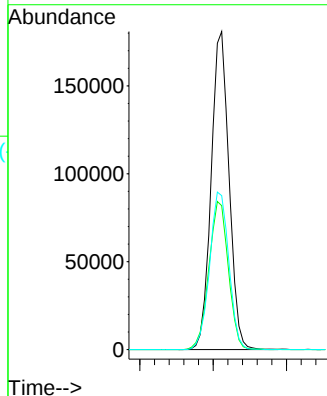
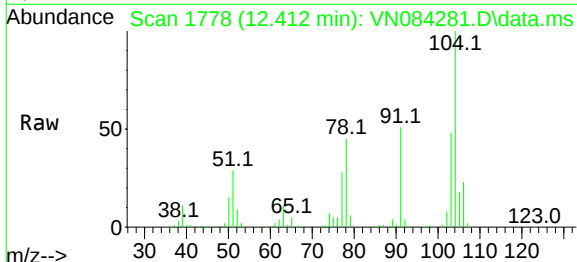
Manual Integrations
APPROVED

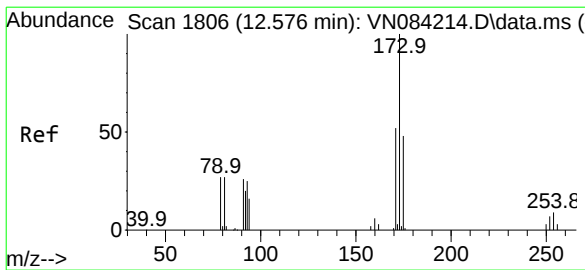
Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024



#70
Styrene
Concen: 51.974 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN084281.D
Acq: 02 Oct 2024 21:45

Tgt Ion:104 Resp: 306205
Ion Ratio Lower Upper
104 100
78 50.6 42.7 64.1
103 53.3 43.6 65.4





#71

Bromoform

Concen: 50.396 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VN084281.D

Acq: 02 Oct 2024 21:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

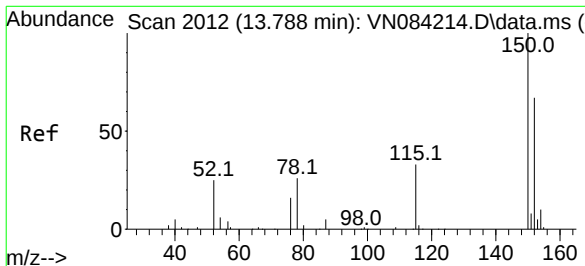
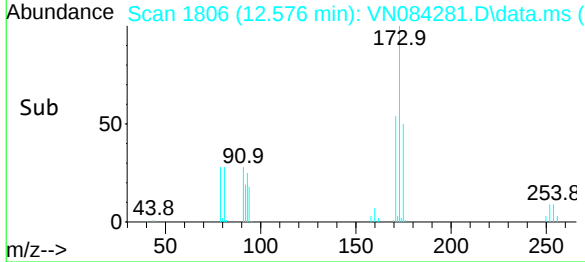
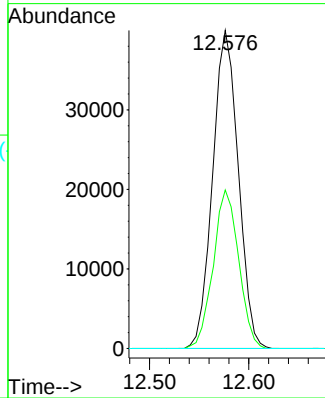
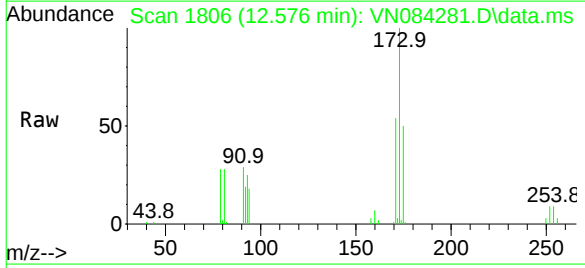
Tgt Ion:	173	Resp:	71821
Ion Ratio	Lower	Upper	
173	100		
175	49.5	23.5	70.6
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/03/2024

Supervised By :Semsettin Yesilyurt 10/03/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

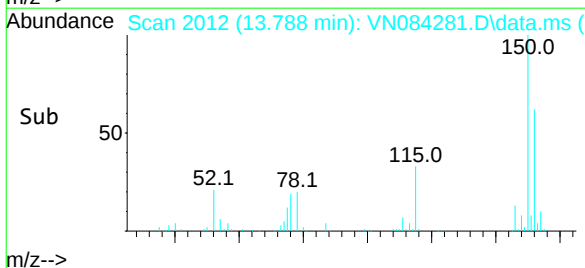
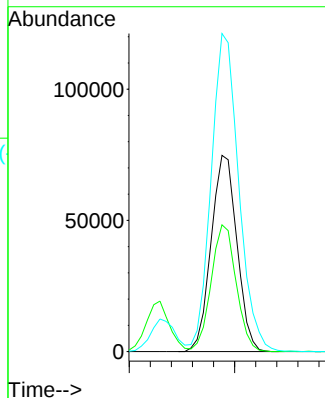
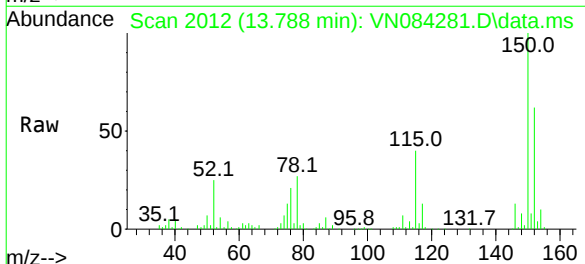
RT: 13.788 min Scan# 2012

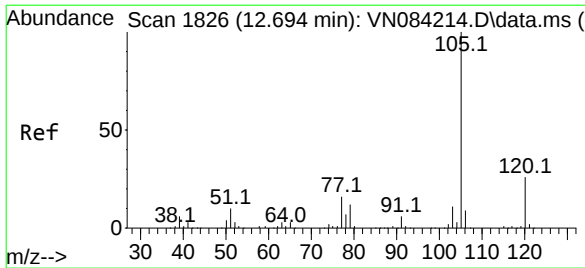
Delta R.T. -0.000 min

Lab File: VN084281.D

Acq: 02 Oct 2024 21:45

Tgt Ion:	152	Resp:	127393
Ion Ratio	Lower	Upper	
152	100		
115	62.5	31.3	93.9
150	173.4	0.0	349.8





#73
Isopropylbenzene
Concen: 46.119 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN084281.D
Acq: 02 Oct 2024 21:45

Instrument :

MSVOA_N

ClientSampleId :

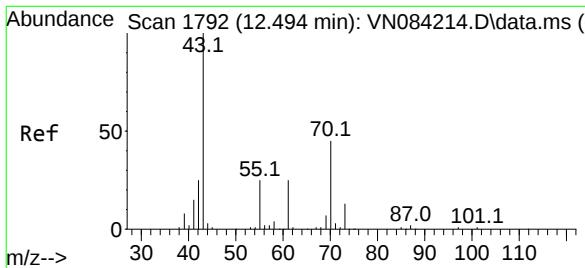
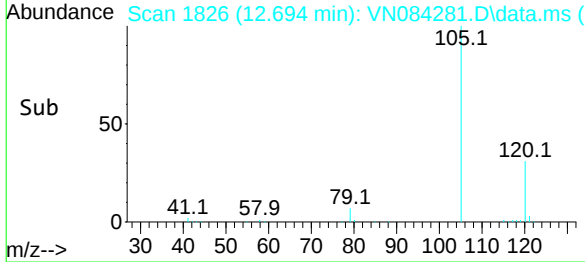
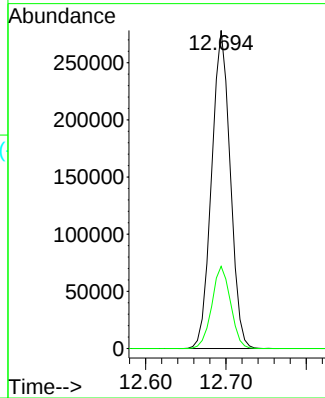
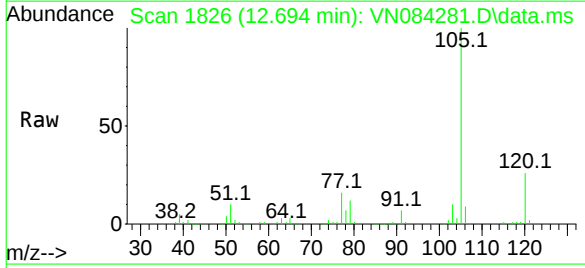
VSTDCCC050EC

Tgt Ion: 105 Resp: 448331
Ion Ratio Lower Upper
105 100
120 25.9 12.9 38.7

Manual Integrations

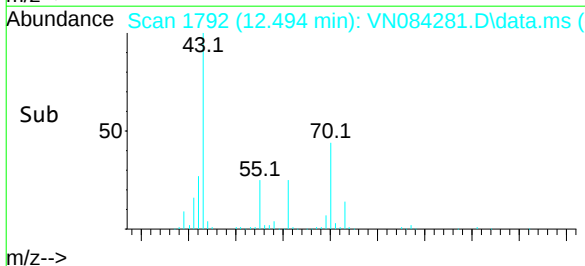
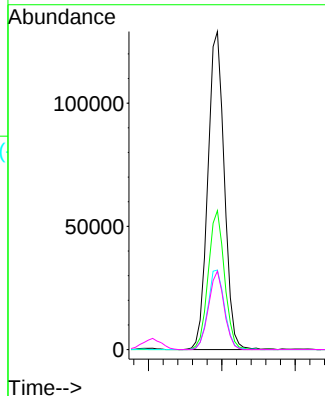
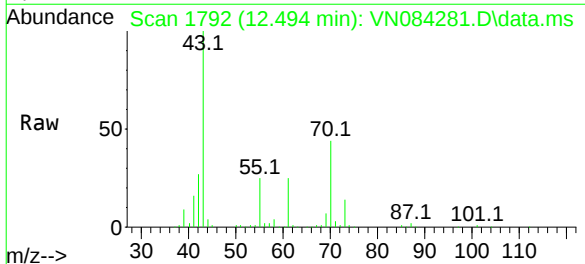
APPROVED

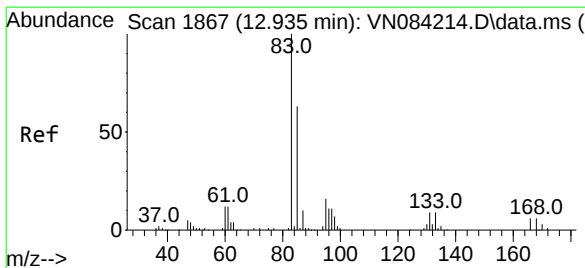
Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024



#74
N-ethyl acetate
Concen: 45.699 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN084281.D
Acq: 02 Oct 2024 21:45

Tgt Ion: 43 Resp: 201172
Ion Ratio Lower Upper
43 100
70 43.0 34.4 51.6
55 25.2 19.6 29.4
61 23.5 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 46.919 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. -0.000 min

Lab File: VN084281.D

Acq: 02 Oct 2024 21:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

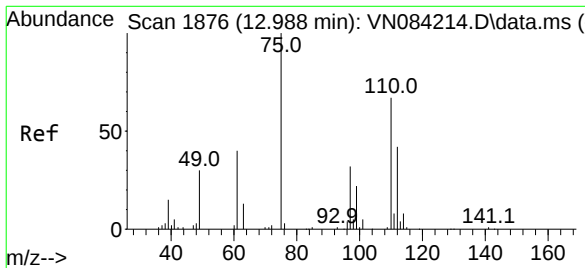
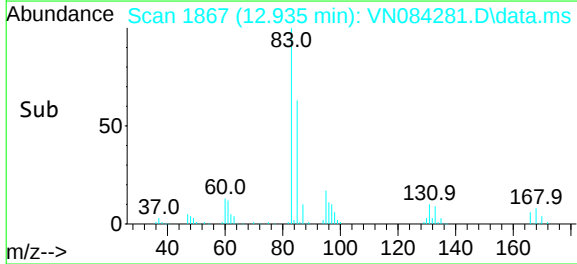
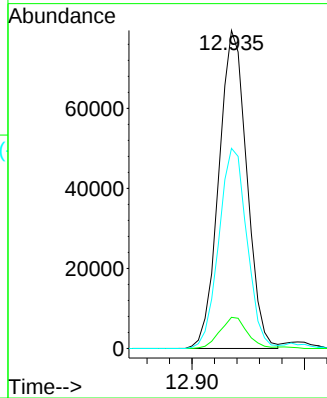
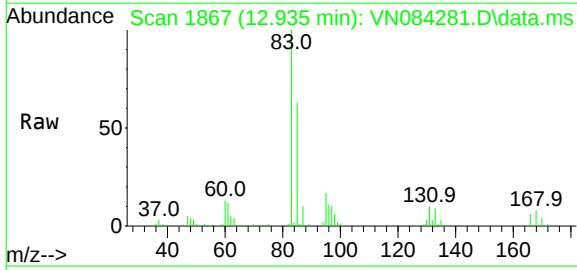
Tgt Ion:	83	Resp:	137150
Ion	Ratio	Lower	Upper
83	100		
131	9.9	4.9	14.7
85	63.3	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/03/2024

Supervised By :Semsettin Yesilyurt 10/03/2024



#76

1,2,3-Trichloropropane

Concen: 49.980 ug/l m

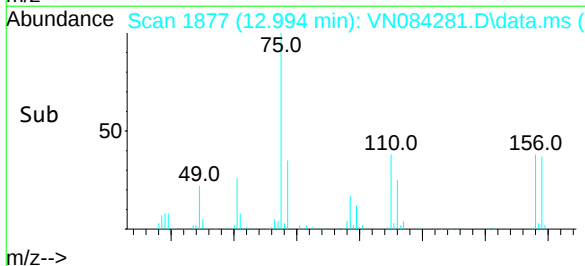
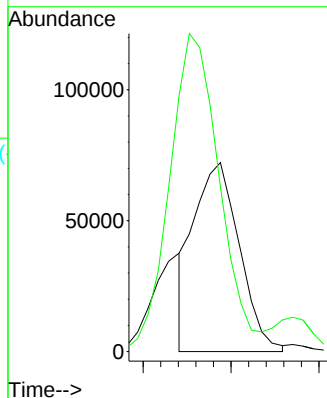
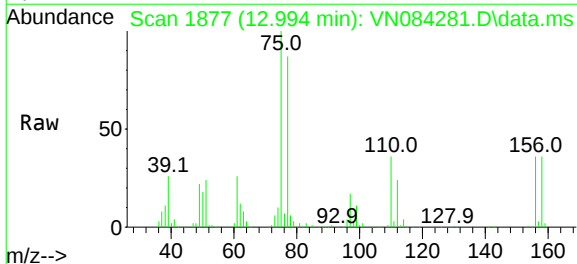
RT: 12.994 min Scan# 1877

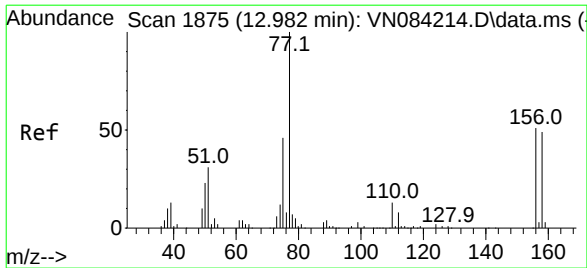
Delta R.T. 0.006 min

Lab File: VN084281.D

Acq: 02 Oct 2024 21:45

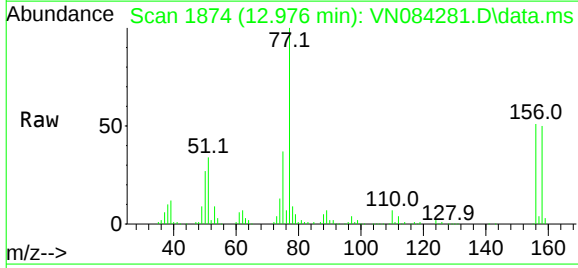
Tgt Ion:	75	Resp:	129986
Ion	Ratio	Lower	Upper
75	100		
77	183.7	96.9	290.7





#77
Bromobenzene
Concen: 45.887 ug/l
RT: 12.976 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VN084281.D
Acq: 02 Oct 2024 21:45

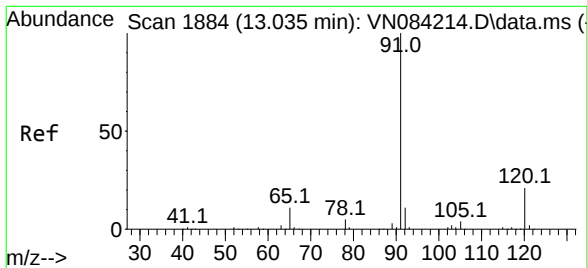
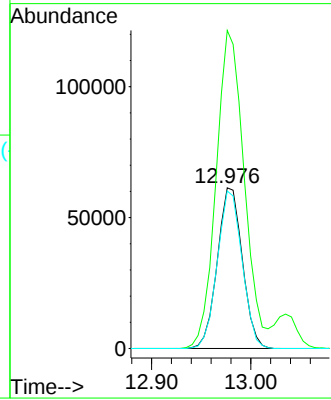
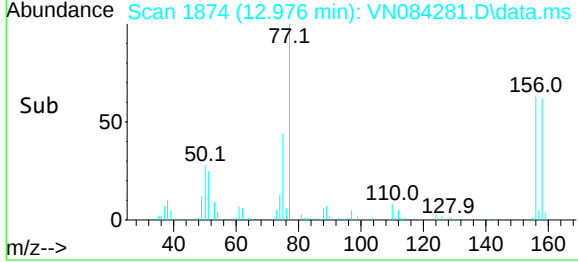
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 156 Resp: 107600
Ion Ratio Lower Upper
156 100
77 221.9 115.1 345.3
158 96.9 48.9 146.8

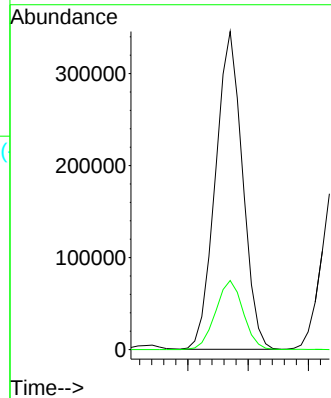
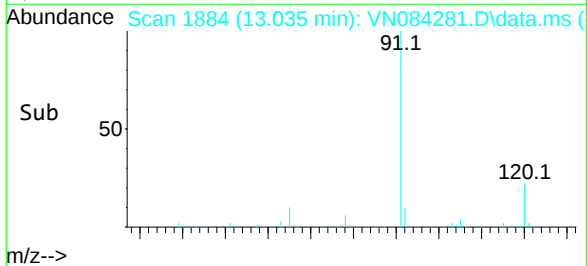
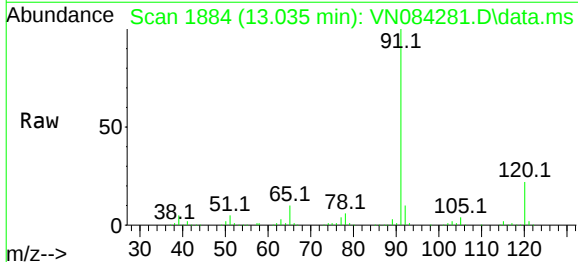
Manual Integrations
APPROVED

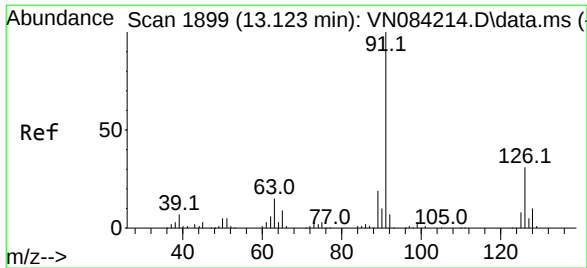
Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024



#78
n-propylbenzene
Concen: 47.837 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN084281.D
Acq: 02 Oct 2024 21:45

Tgt Ion: 91 Resp: 538795
Ion Ratio Lower Upper
91 100
120 22.1 10.8 32.4





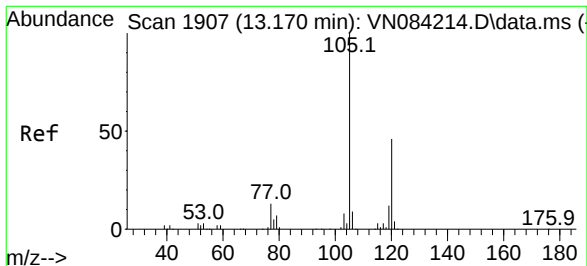
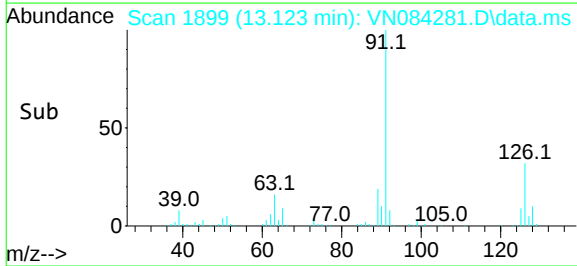
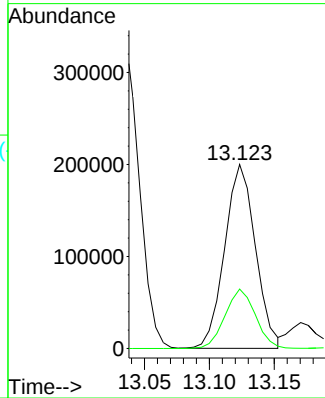
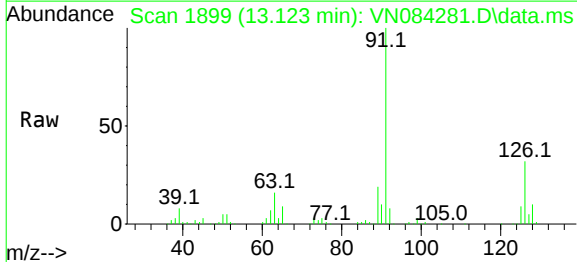
#79
2-Chlorotoluene
Concen: 45.886 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN084281.D
Acq: 02 Oct 2024 21:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 329783
Ion Ratio Lower Upper
91 100
126 31.9 15.7 47.1

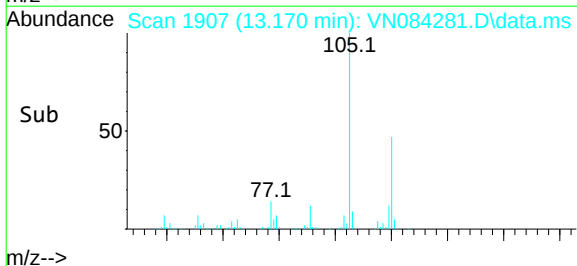
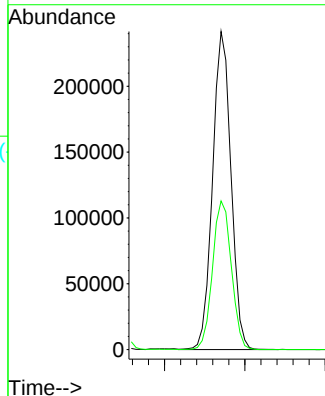
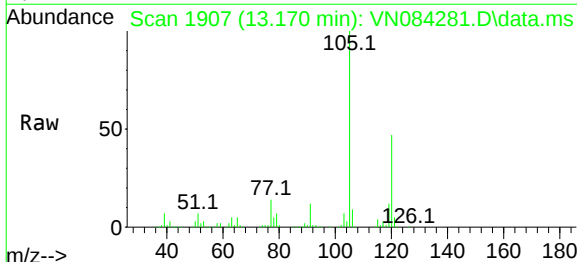
Manual Integrations
APPROVED

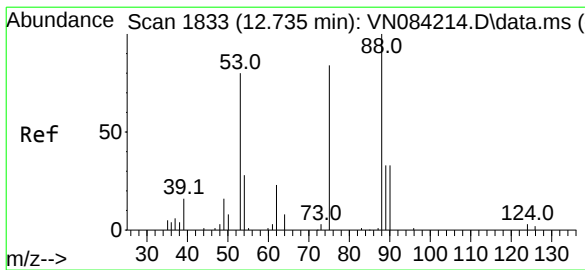
Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024



#80
1,3,5-Trimethylbenzene
Concen: 48.448 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN084281.D
Acq: 02 Oct 2024 21:45

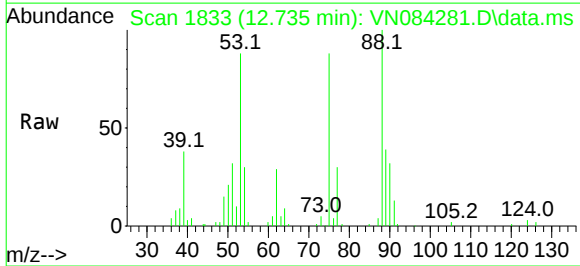
Tgt Ion:105 Resp: 384180
Ion Ratio Lower Upper
105 100
120 47.8 23.7 71.1





#81
trans-1,4-Dichloro-2-butene
Concen: 42.426 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN084281.D
Acq: 02 Oct 2024 21:45

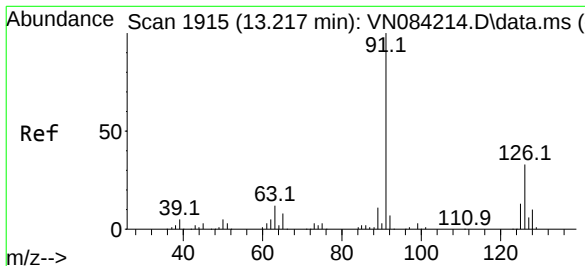
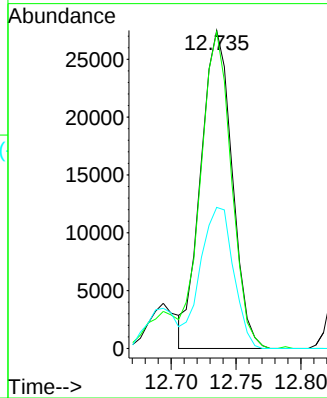
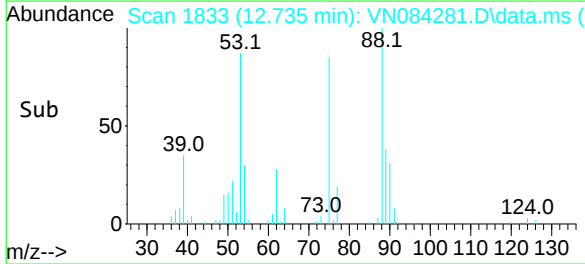
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 46024
Ion Ratio Lower Upper
75 100
53 109.1 78.0 117.0
89 47.4 35.5 53.3

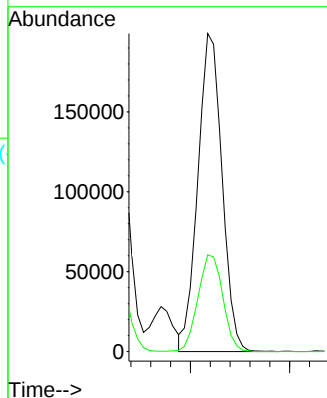
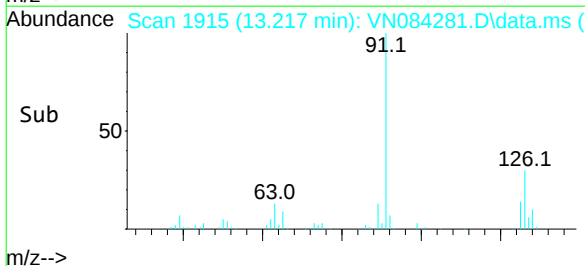
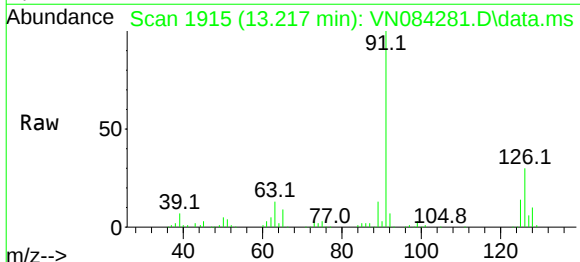
Manual Integrations
APPROVED

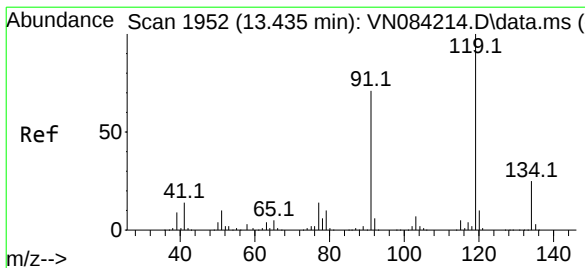
Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024



#82
4-Chlorotoluene
Concen: 46.512 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN084281.D
Acq: 02 Oct 2024 21:45

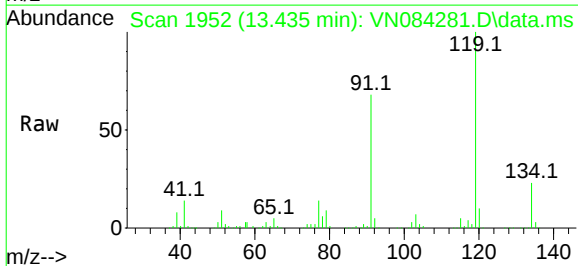
Tgt Ion: 91 Resp: 336510
Ion Ratio Lower Upper
91 100
126 31.3 15.7 47.1





#83
tert-Butylbenzene
Concen: 47.243 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN084281.D
Acq: 02 Oct 2024 21:45

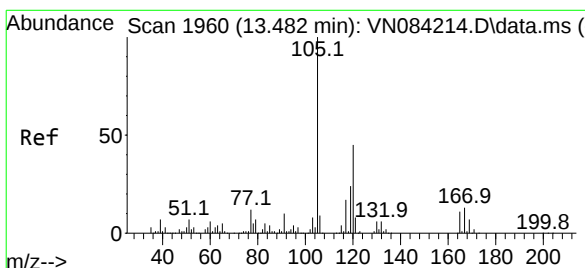
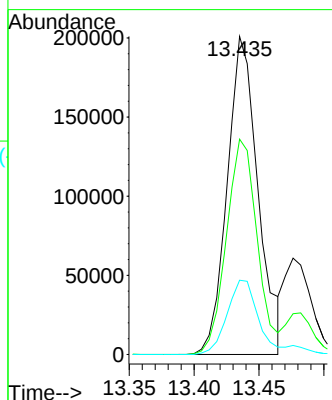
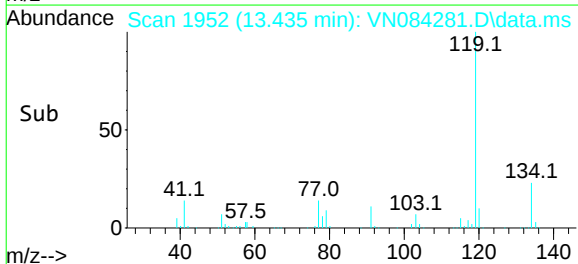
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:119 Resp: 332965
Ion Ratio Lower Upper
119 100
91 67.6 34.1 102.3
134 25.3 12.8 38.4

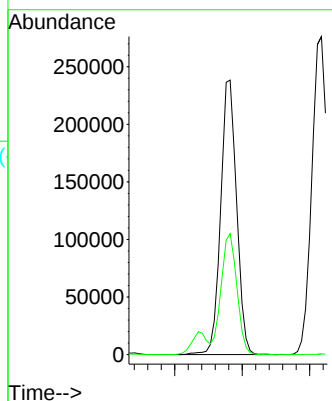
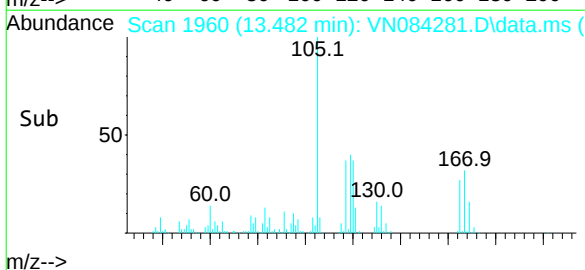
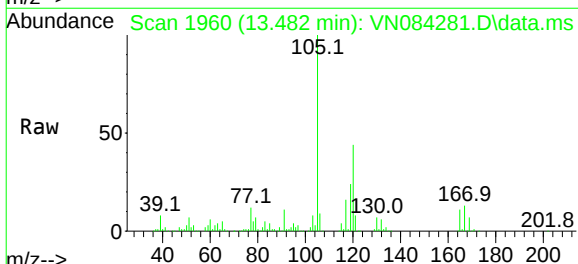
Manual Integrations
APPROVED

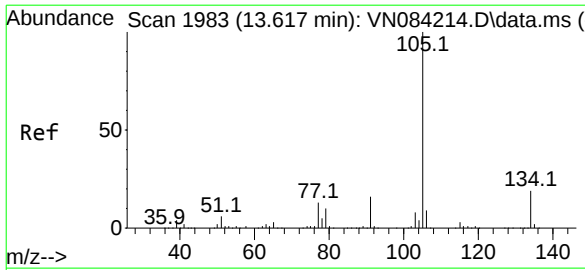
Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024



#84
1,2,4-Trimethylbenzene
Concen: 49.046 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN084281.D
Acq: 02 Oct 2024 21:45

Tgt Ion:105 Resp: 391792
Ion Ratio Lower Upper
105 100
120 43.6 22.3 66.8





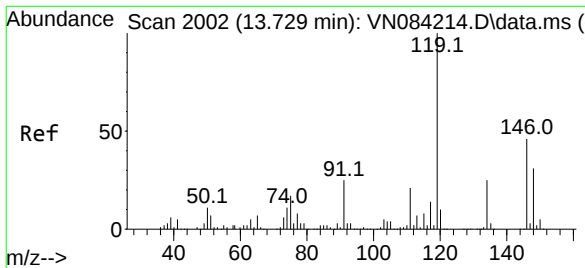
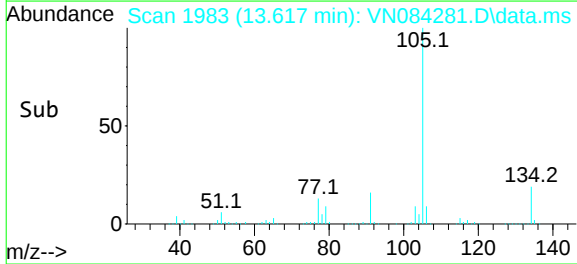
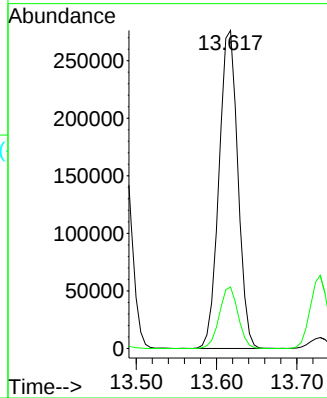
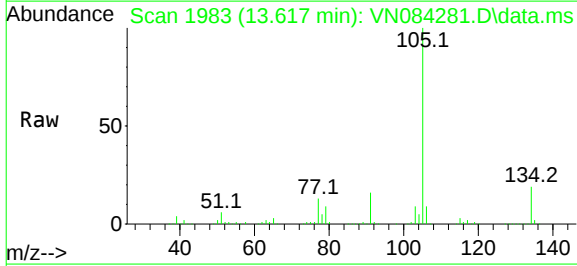
#85
sec-Butylbenzene
Concen: 47.992 ug/l
RT: 13.617 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VN084281.D
Acq: 02 Oct 2024 21:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 451363
Ion Ratio Lower Upper
105 100
134 19.2 9.8 29.4

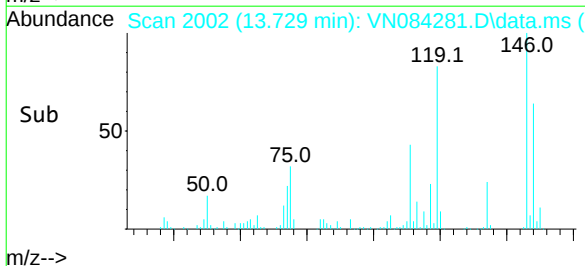
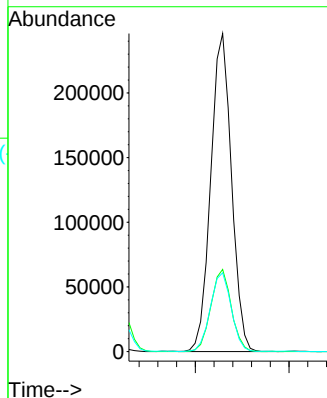
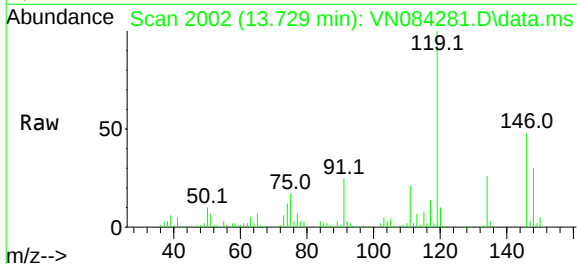
Manual Integrations
APPROVED

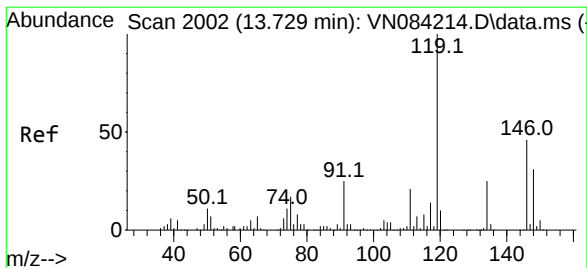
Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024



#86
p-Isopropyltoluene
Concen: 48.637 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN084281.D
Acq: 02 Oct 2024 21:45

Tgt Ion:119 Resp: 378259
Ion Ratio Lower Upper
119 100
134 25.4 12.6 37.8
91 25.0 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 45.214 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN084281.D

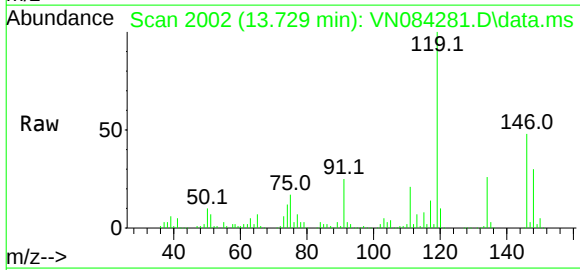
Acq: 02 Oct 2024 21:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



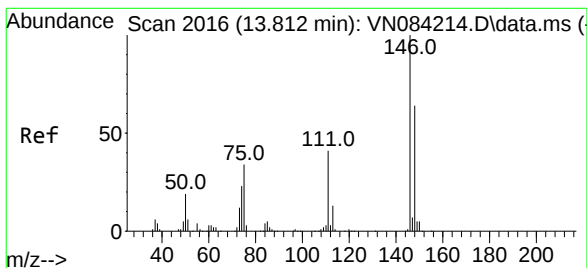
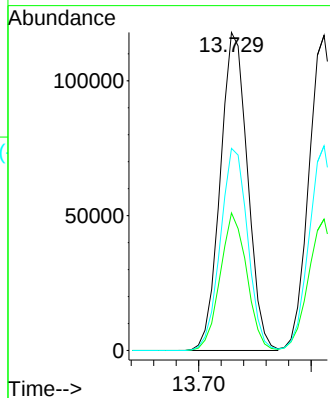
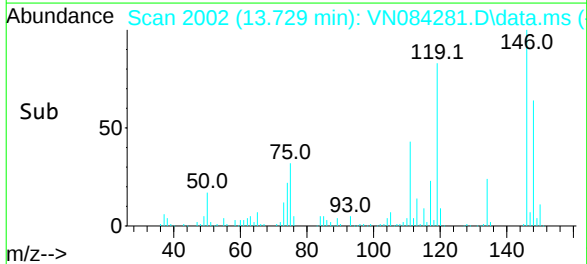
Tgt Ion:	146	Resp:	198896
Ion	Ratio	Lower	Upper
146	100		
111	42.1	21.8	65.3
148	63.6	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/03/2024

Supervised By :Semsettin Yesilyurt 10/03/2024



#88

1,4-Dichlorobenzene

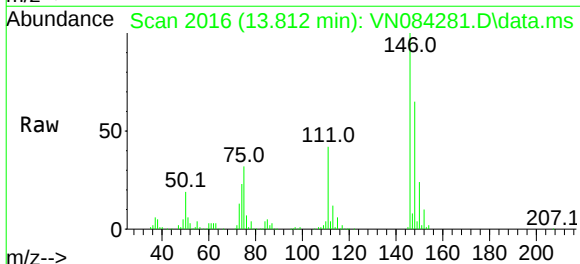
Concen: 44.550 ug/l

RT: 13.812 min Scan# 2016

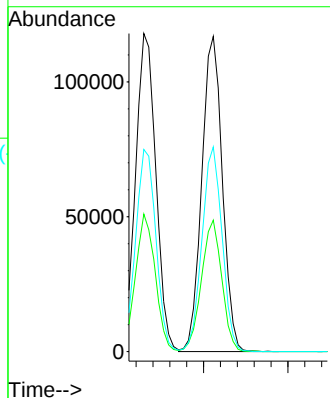
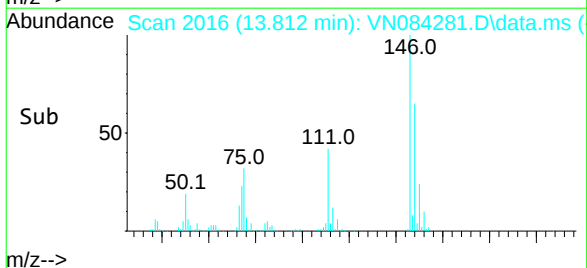
Delta R.T. -0.000 min

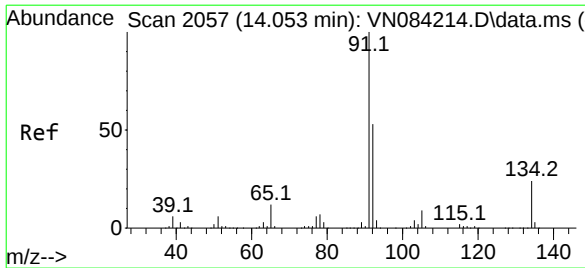
Lab File: VN084281.D

Acq: 02 Oct 2024 21:45



Tgt Ion:	146	Resp:	197907
Ion	Ratio	Lower	Upper
146	100		
111	41.3	21.2	63.6
148	63.8	31.9	95.9





#89
n-Butylbenzene
Concen: 45.727 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN084281.D
Acq: 02 Oct 2024 21:45

Instrument :

MSVOA_N

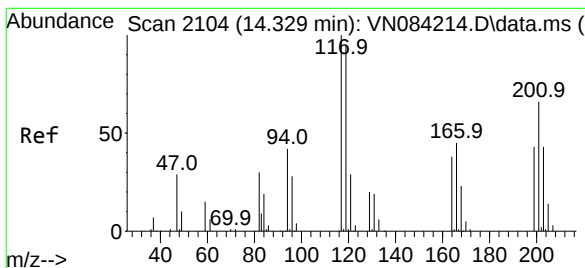
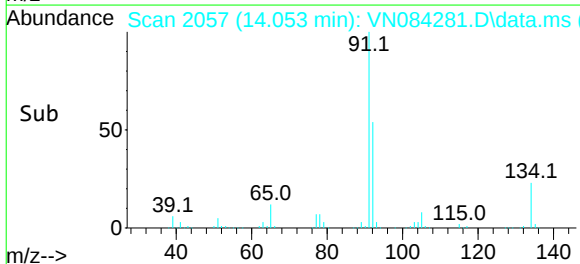
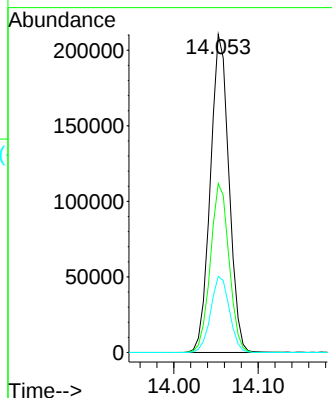
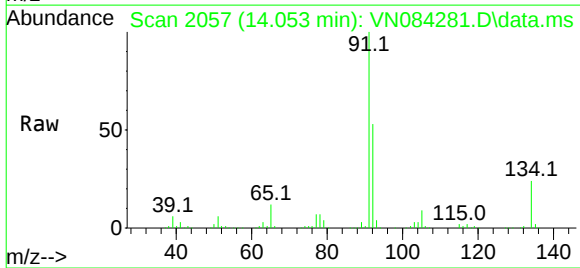
ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 322466
Ion Ratio Lower Upper
91 100
92 53.3 26.6 79.7
134 24.1 12.3 36.9

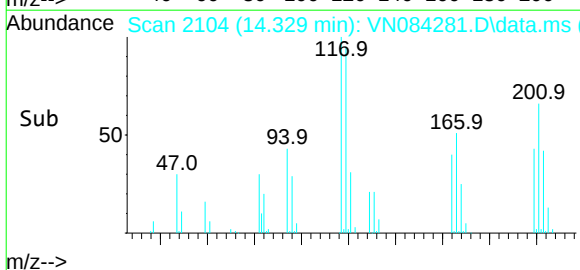
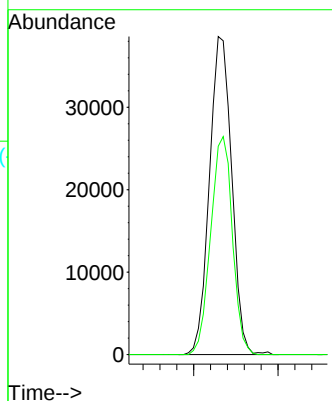
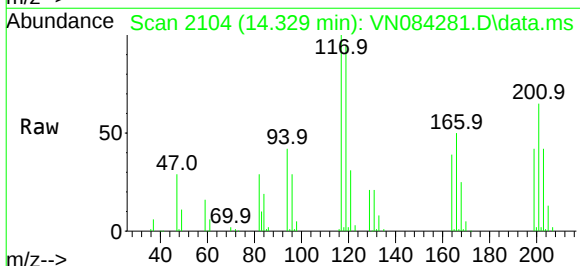
Manual Integrations
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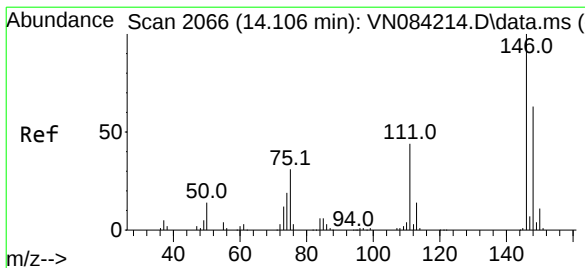
Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024



#90
Hexachloroethane
Concen: 44.835 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN084281.D
Acq: 02 Oct 2024 21:45

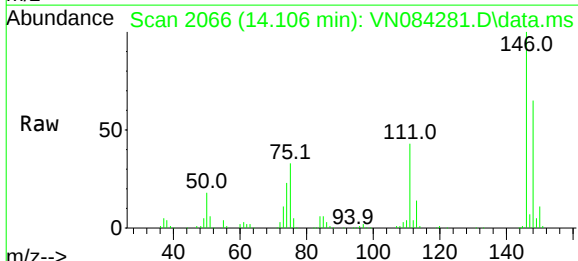
Tgt Ion:117 Resp: 70778
Ion Ratio Lower Upper
117 100
201 66.8 34.4 103.2





#91
1,2-Dichlorobenzene
Concen: 44.689 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN084281.D
Acq: 02 Oct 2024 21:45

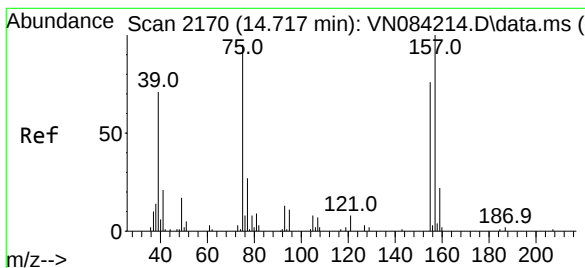
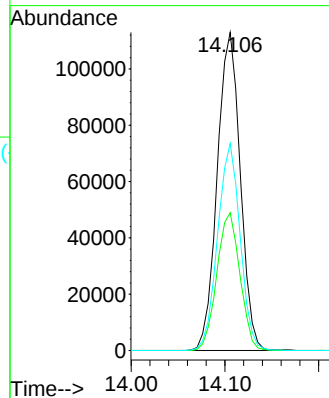
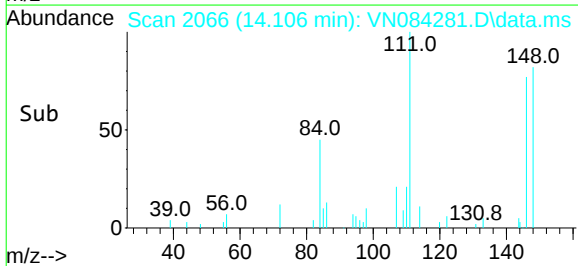
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 192762
Ion Ratio Lower Upper
146 100
111 43.3 22.0 66.0
148 63.7 32.1 96.3

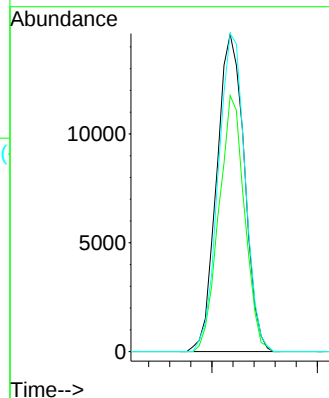
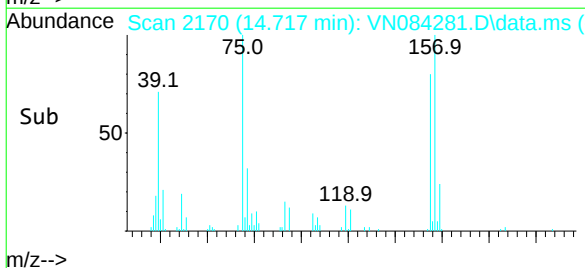
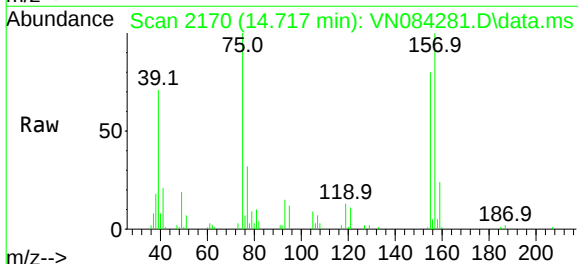
Manual Integrations
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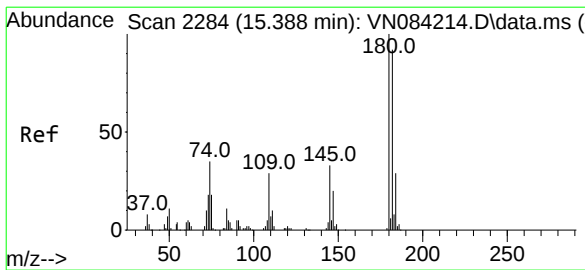
Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 44.025 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN084281.D
Acq: 02 Oct 2024 21:45

Tgt Ion: 75 Resp: 26556
Ion Ratio Lower Upper
75 100
155 74.8 38.1 114.5
157 96.6 49.6 149.0





#93

1,2,4-Trichlorobenzene

Concen: 43.290 ug/l

RT: 15.388 min Scan# 2284

Delta R.T. -0.000 min

Lab File: VN084281.D

Acq: 02 Oct 2024 21:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

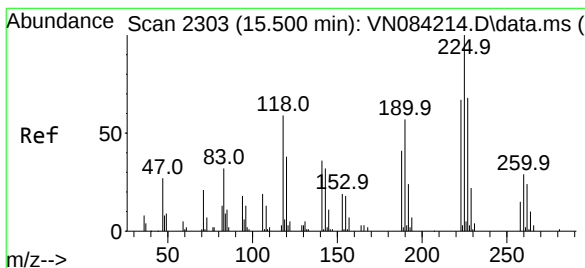
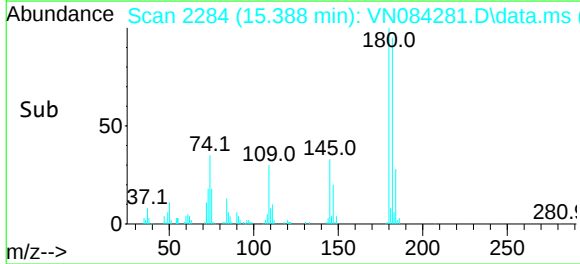
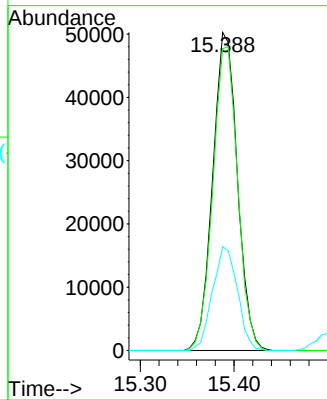
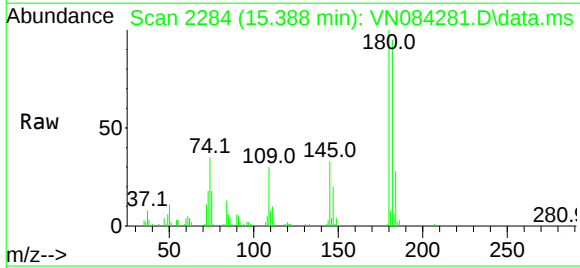
Tgt Ion:	180	Resp:	91974
Ion Ratio	Lower	Upper	
180	100		
182	95.8	47.0	141.0
145	32.9	16.4	49.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/03/2024

Supervised By :Semsettin Yesilyurt 10/03/2024



#94

Hexachlorobutadiene

Concen: 39.506 ug/l

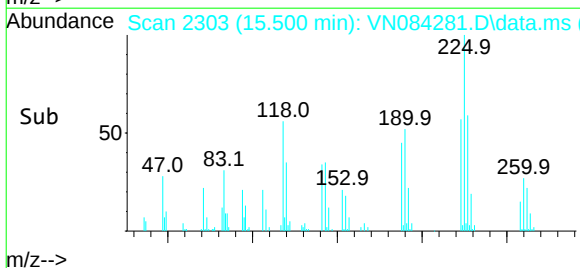
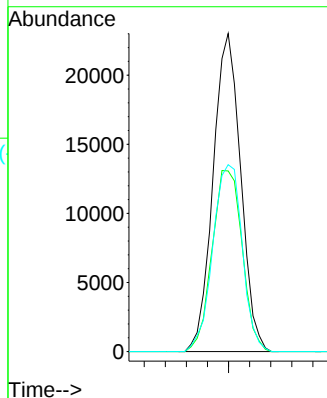
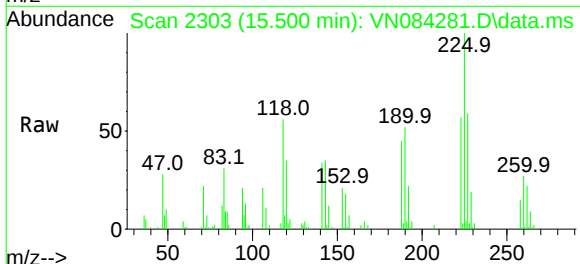
RT: 15.500 min Scan# 2303

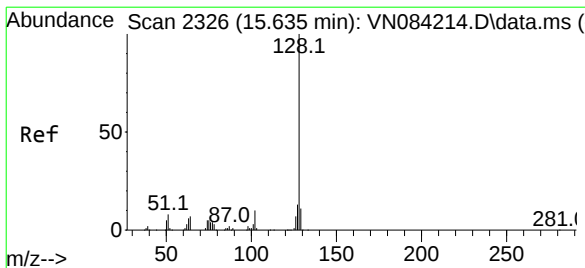
Delta R.T. -0.000 min

Lab File: VN084281.D

Acq: 02 Oct 2024 21:45

Tgt Ion:	225	Resp:	41857
Ion Ratio	Lower	Upper	
225	100		
223	62.1	32.4	97.2
227	62.7	32.4	97.0





#95

Naphthalene

Concen: 42.256 ug/l

RT: 15.641 min Scan# 23

Delta R.T. 0.006 min

Lab File: VN084281.D

Acq: 02 Oct 2024 21:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

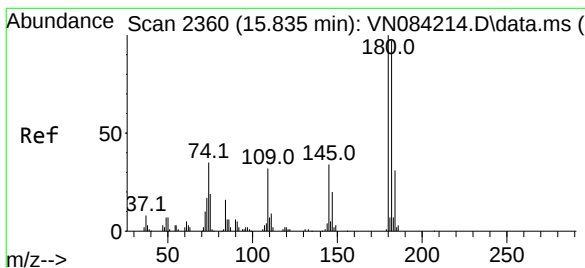
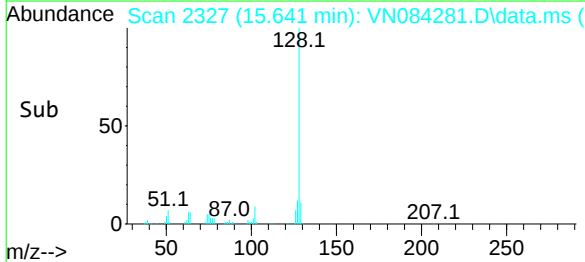
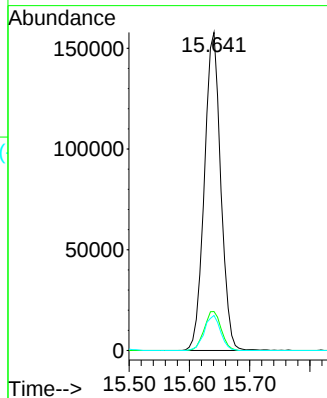
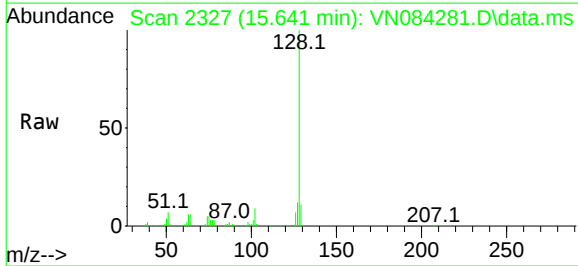
Tgt Ion:	128	Resp:	297627
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.5	15.7
129	11.0	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/03/2024

Supervised By :Semsettin Yesilyurt 10/03/2024



#96

1,2,3-Trichlorobenzene

Concen: 42.802 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.006 min

Lab File: VN084281.D

Acq: 02 Oct 2024 21:45

Tgt Ion:	180	Resp:	91028
Ion	Ratio	Lower	Upper
180	100		
182	93.3	48.2	144.6
145	34.9	17.3	51.9

