

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100124\
 Data File : VN084255.D
 Acq On : 01 Oct 2024 21:30
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :John Carlone 10/02/2024
 Supervised By :Semsettin Yesilyurt 10/02/2024

Quant Time: Oct 02 02:11:00 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	161865	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	281630	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	255401	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	124395	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.577	65	119252	49.689	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.380%
35) Dibromofluoromethane	8.165	113	93647	50.438	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.880%
50) Toluene-d8	10.565	98	353112	51.693	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.380%
62) 4-Bromofluorobenzene	12.847	95	127015	51.039	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	102.080%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.124	85	97821	51.092	ug/l	91
3) Chloromethane	2.359	50	111025	50.786	ug/l	98
4) Vinyl Chloride	2.512	62	110690	52.271	ug/l	99
5) Bromomethane	2.953	94	67500	48.325	ug/l	95
6) Chloroethane	3.118	64	68939	45.457	ug/l	90
7) Trichlorofluoromethane	3.495	101	172980	52.458	ug/l	99
8) Diethyl Ether	3.959	74	62751	51.310	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	96944	51.308	ug/l	98
10) Methyl Iodide	4.589	142	128443	52.787	ug/l	97
11) Tert butyl alcohol	5.524	59	95754	241.967	ug/l	99
12) 1,1-Dichloroethene	4.336	96	95242	52.259	ug/l	96
13) Acrolein	4.177	56	108766	239.411	ug/l	99
14) Allyl chloride	5.024	41	151133	47.749	ug/l	99
15) Acrylonitrile	5.718	53	264640	264.816	ug/l	98
16) Acetone	4.424	43	217200	210.676	ug/l	99
17) Carbon Disulfide	4.712	76	276735	47.960	ug/l	99
18) Methyl Acetate	5.024	43	117914	52.475	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	323319	52.562	ug/l	97
20) Methylene Chloride	5.277	84	107942	51.505	ug/l	89
21) trans-1,2-Dichloroethene	5.789	96	98983	51.841	ug/l	93
22) Diisopropyl ether	6.671	45	352466	53.837	ug/l	98
23) Vinyl Acetate	6.600	43	1305681	268.888	ug/l	99
24) 1,1-Dichloroethane	6.571	63	195826	53.487	ug/l	98
25) 2-Butanone	7.483	43	344399	245.264	ug/l	99
26) 2,2-Dichloropropane	7.488	77	132100	40.017	ug/l	97
27) cis-1,2-Dichloroethene	7.483	96	121982	52.869	ug/l	97
28) Bromochloromethane	7.812	49	76422	46.783	ug/l	99
29) Tetrahydrofuran	7.835	42	225444	260.162	ug/l	98
30) Chloroform	7.965	83	198478	52.189	ug/l	99
31) Cyclohexane	8.253	56	169715	47.742	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	179557	52.570	ug/l	100
36) 1,1-Dichloropropene	8.371	75	140853	52.228	ug/l	100
37) Ethyl Acetate	7.559	43	144854	52.355	ug/l	98
38) Carbon Tetrachloride	8.359	117	156503	52.902	ug/l	97
39) Methylcyclohexane	9.600	83	156735	52.218	ug/l	97
40) Benzene	8.606	78	442380	52.648	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	81305	54.129	ug/l	98
42) 1,2-Dichloroethane	8.671	62	151530	53.195	ug/l	100
43) Isopropyl Acetate	8.688	43	240327	44.346	ug/l	99
44) Trichloroethene	9.353	130	102279	52.116	ug/l	98
45) 1,2-Dichloropropane	9.618	63	108411	54.540	ug/l	99
46) Dibromomethane	9.706	93	74438	55.493	ug/l	98
47) Bromodichloromethane	9.888	83	160962	54.011	ug/l	97
48) Methyl methacrylate	9.677	41	115375	53.482	ug/l	99
49) 1,4-Dioxane	9.694	88	43982	1107.419	ug/l #	82
51) 4-Methyl-2-Pentanone	10.441	43	721912	274.089	ug/l	100
52) Toluene	10.629	92	276062	53.877	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	158036	52.022	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	170509	52.182	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	100205	54.552	ug/l	96
56) Ethyl methacrylate	10.871	69	168024	55.591	ug/l	100
57) 1,3-Dichloropropane	11.159	76	173891	52.979	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	375717	267.965	ug/l	99
59) 2-Hexanone	11.194	43	530012	269.235	ug/l	99
60) Dibromochloromethane	11.359	129	117429	54.106	ug/l	98
61) 1,2-Dibromoethane	11.465	107	99477	52.118	ug/l	98
64) Tetrachloroethene	11.100	164	90479	50.862	ug/l	98
65) Chlorobenzene	11.888	112	289762	51.169	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.959	131	101047	51.806	ug/l	99
67) Ethyl Benzene	11.965	91	522948	52.219	ug/l	98
68) m/p-Xylenes	12.071	106	394536	106.503	ug/l	100
69) o-Xylene	12.400	106	190035	54.220	ug/l	99
70) Styrene	12.412	104	326604	55.016	ug/l	99
71) Bromoform	12.576	173	77384	53.888	ug/l #	98
73) Isopropylbenzene	12.694	105	487971	51.406	ug/l	100
74) N-amyl acetate	12.494	43	218245	50.772	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	141573	49.600	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	137518m	54.150	ug/l	
77) Bromobenzene	12.982	156	114900	50.181	ug/l	96
78) n-propylbenzene	13.035	91	577170	52.479	ug/l	99
79) 2-Chlorotoluene	13.123	91	351757	50.123	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	413886	53.452	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	47528	44.868	ug/l	99
82) 4-Chlorotoluene	13.218	91	360401	51.014	ug/l	100
83) tert-Butylbenzene	13.435	119	356415	51.789	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	416021	53.334	ug/l	99
85) sec-Butylbenzene	13.617	105	481396	52.419	ug/l	99
86) p-Isopropyltoluene	13.729	119	407937	53.718	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	214776	50.001	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	213635	49.250	ug/l	99
89) n-Butylbenzene	14.053	91	345331	50.150	ug/l	99
90) Hexachloroethane	14.335	117	75330	48.869	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	212034	50.342	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	28747	48.805	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	103318	49.802	ug/l	99
94) Hexachlorobutadiene	15.500	225	44071	42.598	ug/l	99
95) Naphthalene	15.641	128	339313	49.336	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	101095	48.682	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

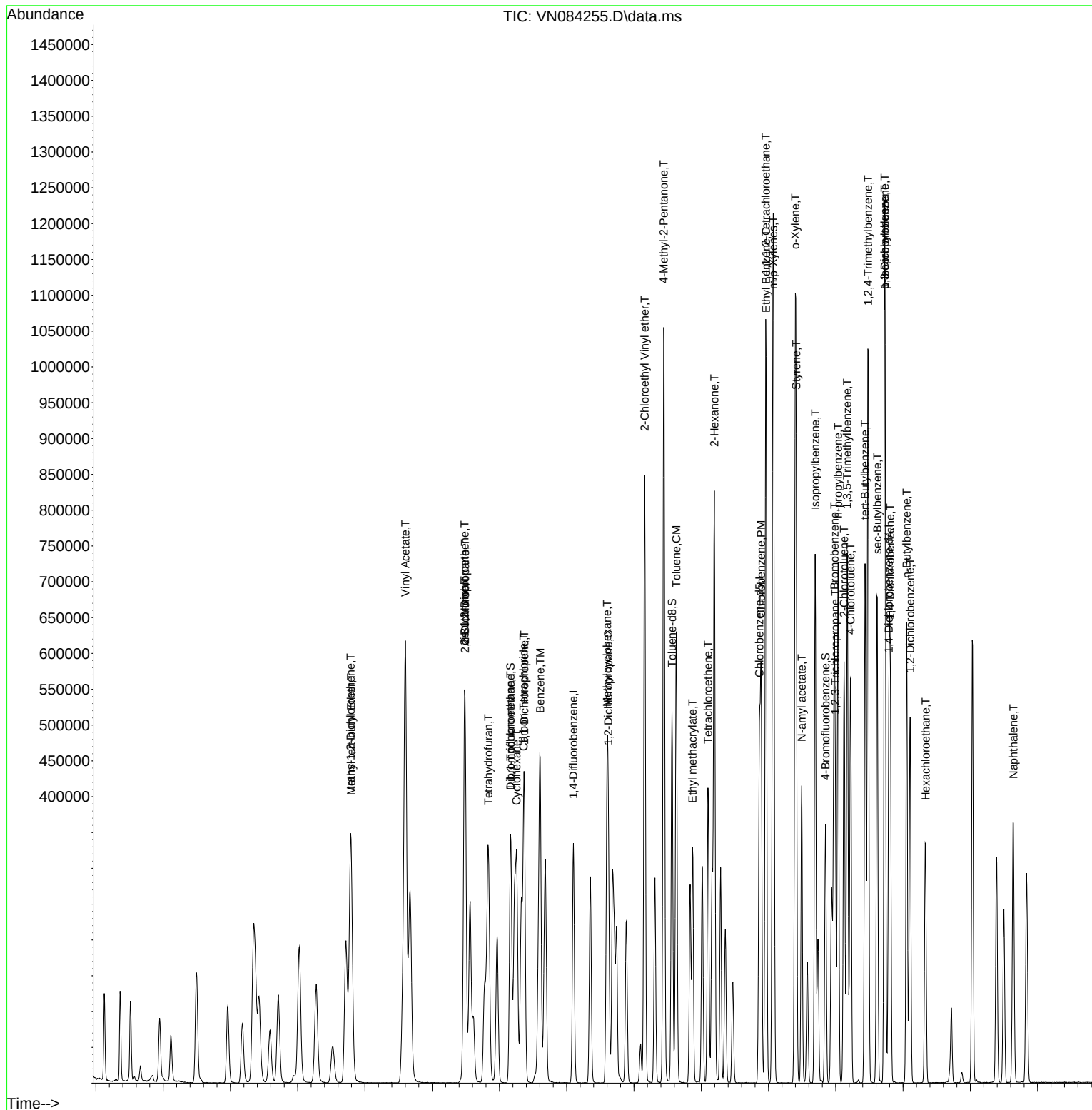
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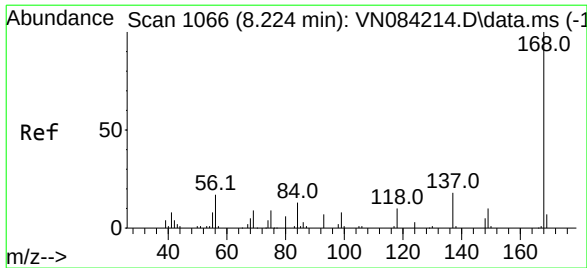
Instrument :
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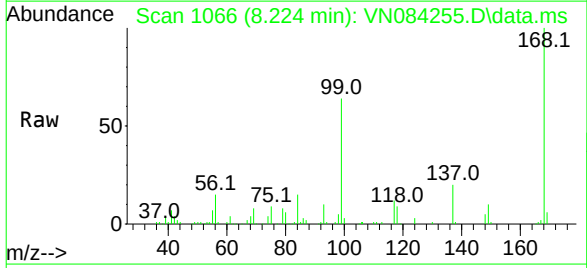
Reviewed By : John Carlone 10/02/2024
Supervised By : Semsettin Yesilyurt 10/02/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084255.D
Acq: 01 Oct 2024 21:30

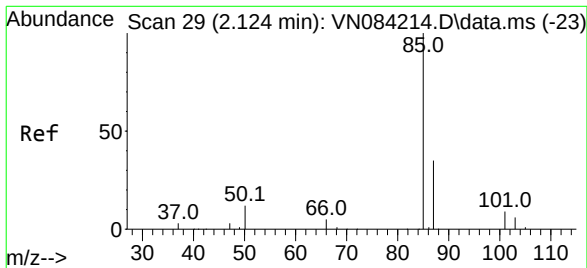
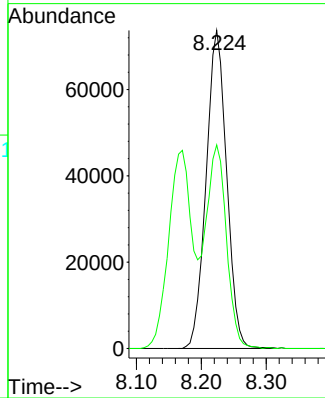
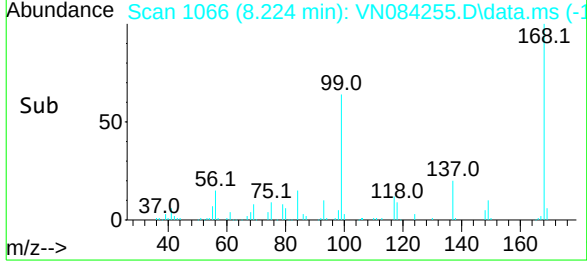
Instrument :
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Tgt Ion:168 Resp: 161865
Ion Ratio Lower Upper
168 100
99 64.0 54.2 81.2

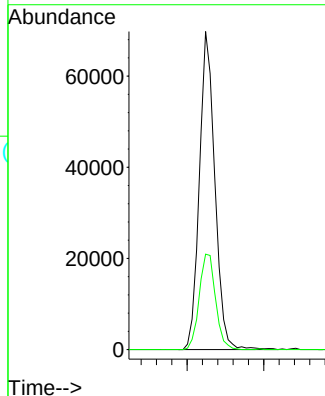
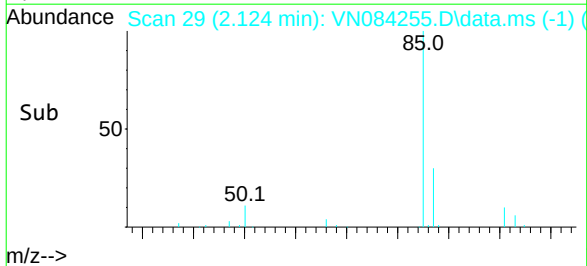
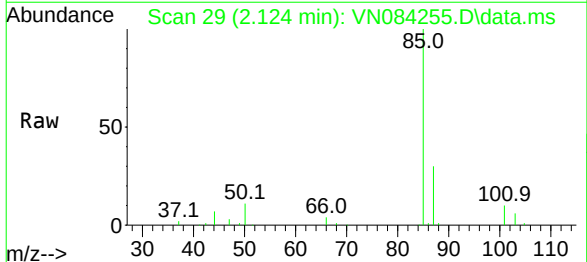
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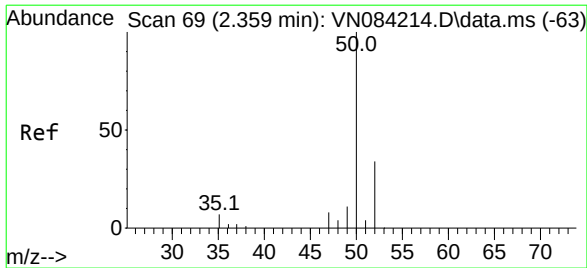
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#2
Dichlorodifluoromethane
Concen: 51.092 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN084255.D
Acq: 01 Oct 2024 21:30

Tgt Ion: 85 Resp: 97821
Ion Ratio Lower Upper
85 100
87 30.0 17.6 52.9





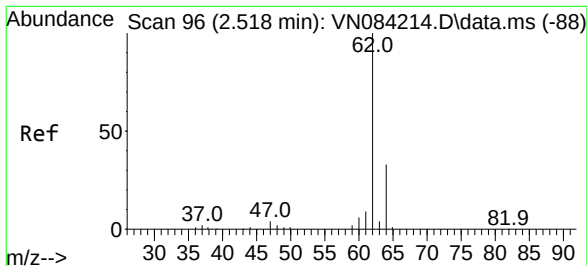
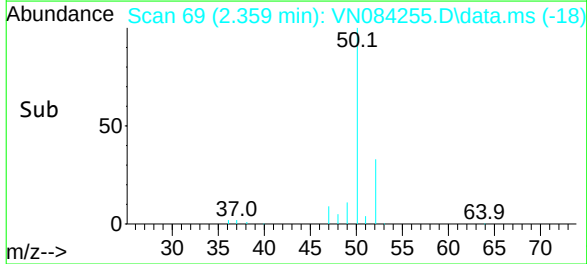
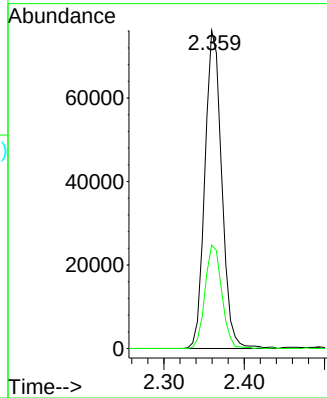
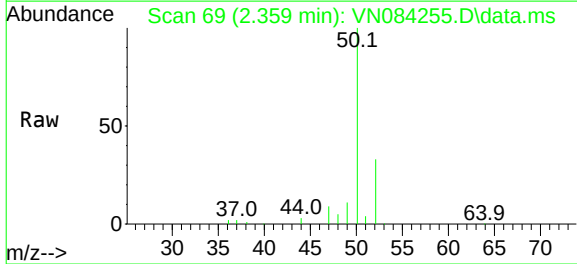
#3
Chloromethane
Concen: 50.786 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084255.D
Acq: 01 Oct 2024 21:30

Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 111025
Ion Ratio Lower Upper
50 100
52 32.5 26.8 40.2

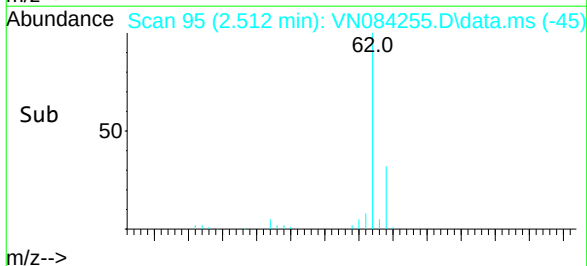
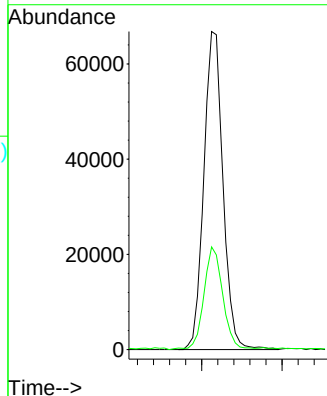
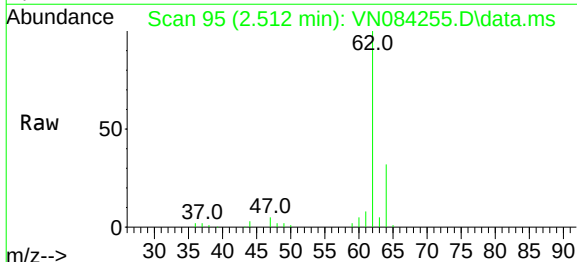
Manual Integrations
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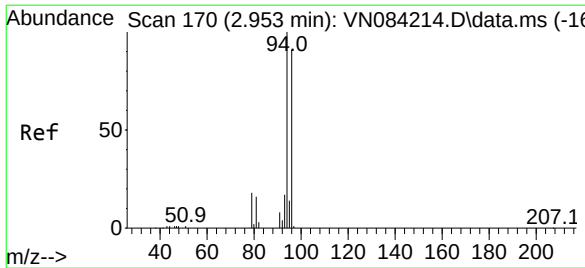
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#4
Vinyl Chloride
Concen: 52.271 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN084255.D
Acq: 01 Oct 2024 21:30

Tgt Ion: 62 Resp: 110690
Ion Ratio Lower Upper
62 100
64 32.0 26.2 39.4





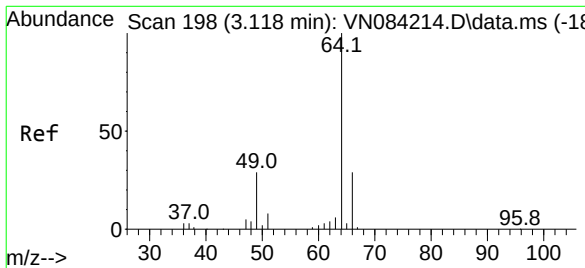
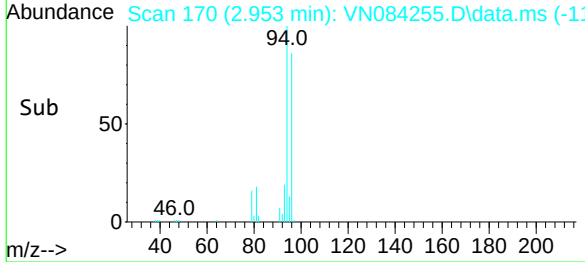
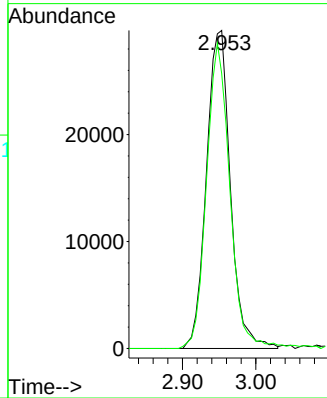
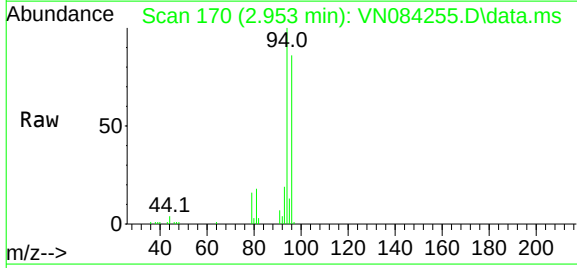
#5
Bromomethane
Concen: 48.325 ug/l
RT: 2.953 min Scan# 170
Delta R.T. 0.000 min
Lab File: VN084255.D
Acq: 01 Oct 2024 21:30

Instrument :
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Tgt Ion: 94 Resp: 67500
Ion Ratio Lower Upper
94 100
96 86.4 72.9 109.3

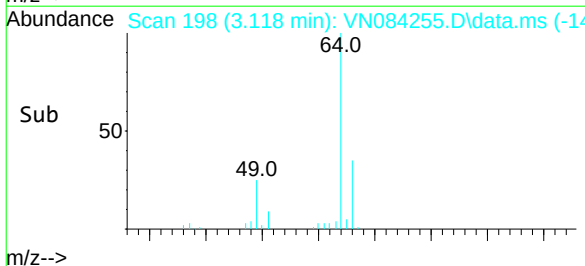
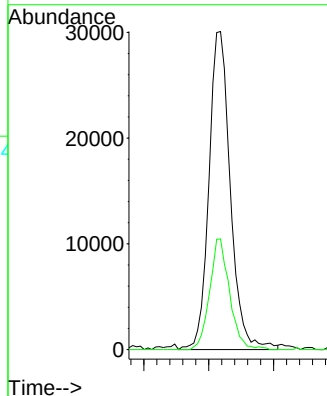
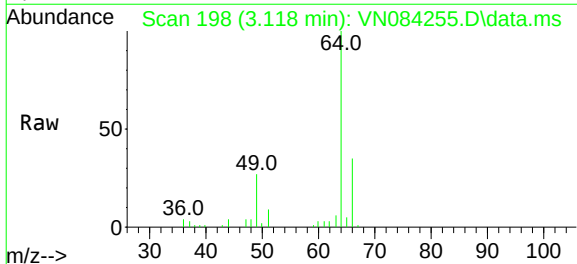
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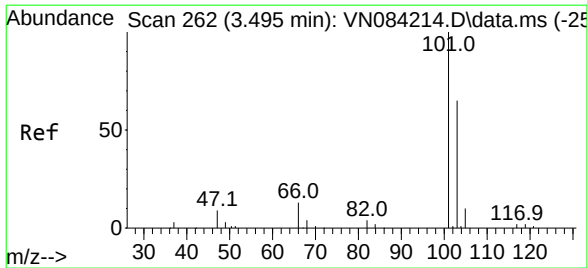
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#6
Chloroethane
Concen: 45.457 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN084255.D
Acq: 01 Oct 2024 21:30

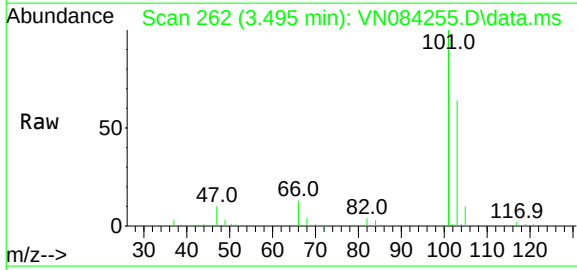
Tgt Ion: 64 Resp: 68939
Ion Ratio Lower Upper
64 100
66 34.8 23.5 35.3





#7
 Trichlorofluoromethane
 Concen: 52.458 ug/l
 RT: 3.495 min Scan# 262
 Delta R.T. 0.000 min
 Lab File: VN084255.D
 Acq: 01 Oct 2024 21:30

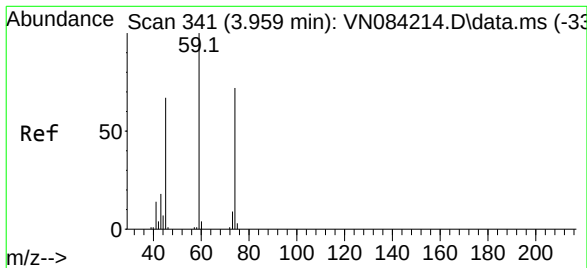
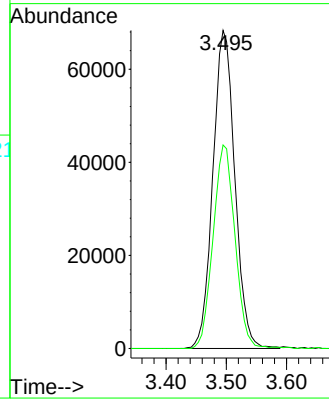
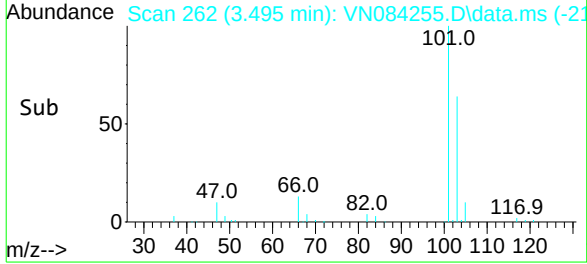
Instrument :
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Tgt Ion: 101 Resp: 172980
 Ion Ratio Lower Upper
 101 100
 103 64.0 51.8 77.6

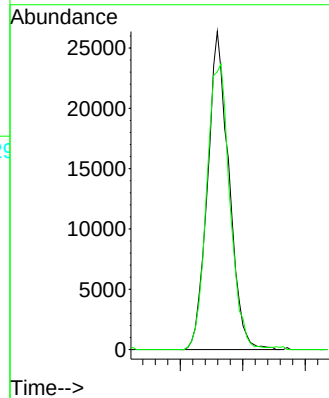
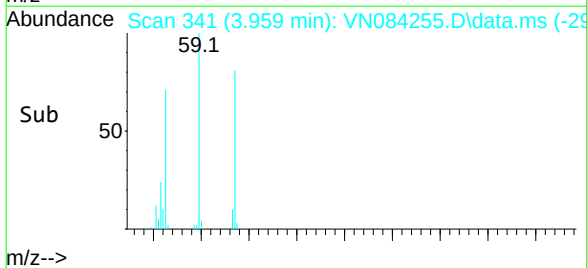
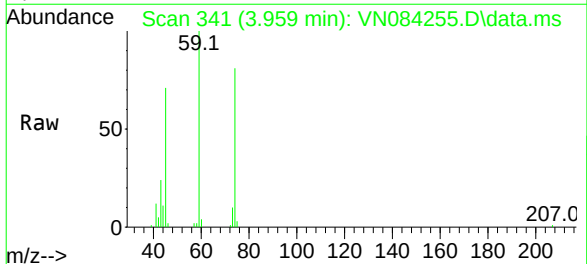
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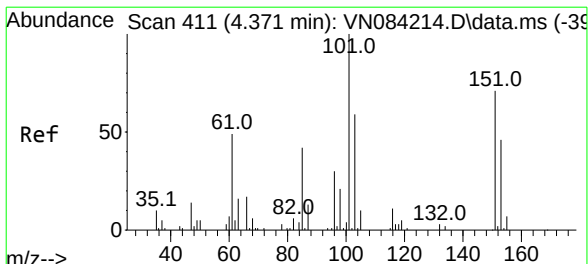
Reviewed By : John Carlone 10/02/2024
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#8
 Diethyl Ether
 Concen: 51.310 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN084255.D
 Acq: 01 Oct 2024 21:30

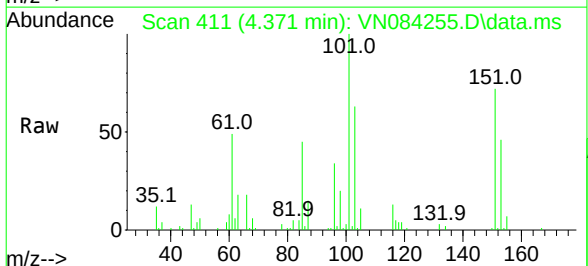
Tgt Ion: 74 Resp: 62751
 Ion Ratio Lower Upper
 74 100
 45 97.3 47.7 143.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.308 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN084255.D
Acq: 01 Oct 2024 21:30

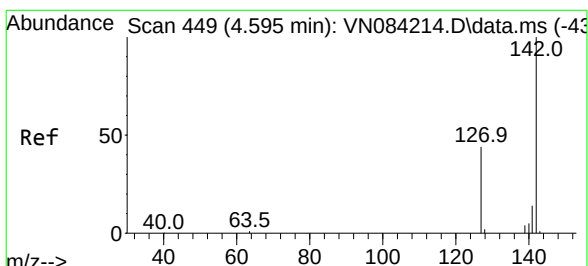
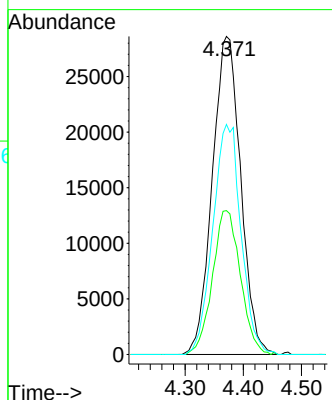
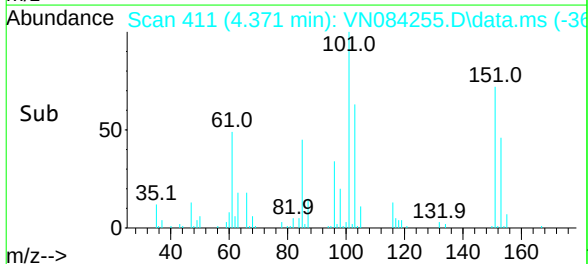
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:	101	Resp:	96944
Ion Ratio	Lower	Upper	
101	100		
85	44.5	36.2	54.4
151	72.1	59.3	88.9

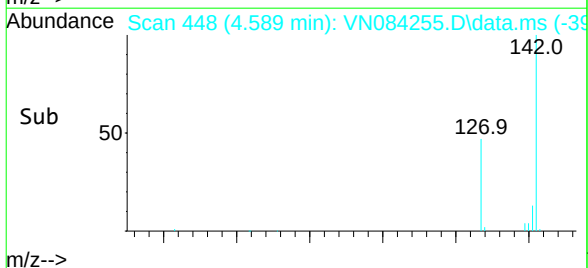
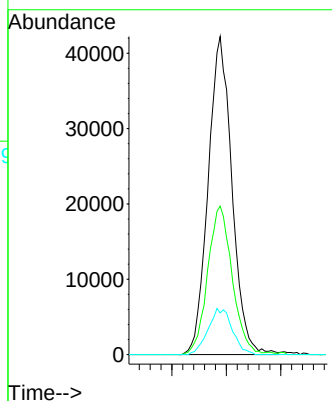
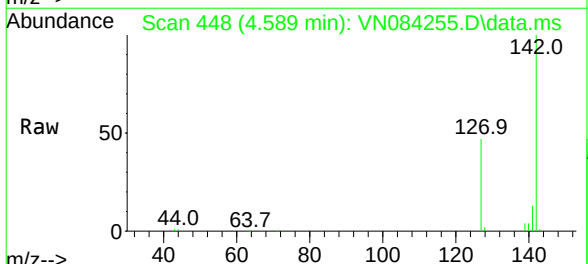
Manual Integrations
APPROVED

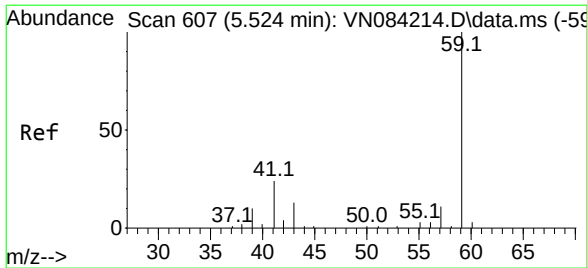
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#10
Methyl Iodide
Concen: 52.787 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN084255.D
Acq: 01 Oct 2024 21:30

Tgt Ion:	142	Resp:	128443
Ion Ratio	Lower	Upper	
142	100		
127	46.7	35.3	52.9
141	13.1	11.0	16.6





#11

Tert butyl alcohol

Concen: 241.967 ug/l

RT: 5.524 min Scan# 607

Delta R.T. 0.000 min

Lab File: VN084255.D

Acq: 01 Oct 2024 21:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 95754

Ion Ratio Lower Upper

59 100

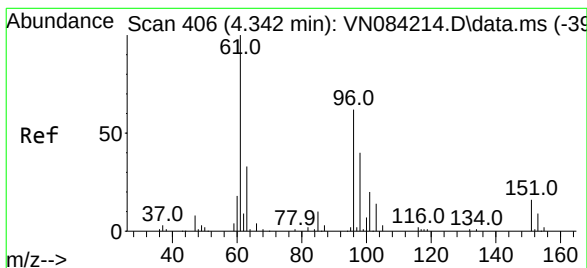
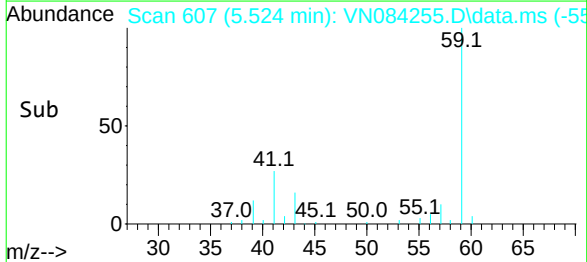
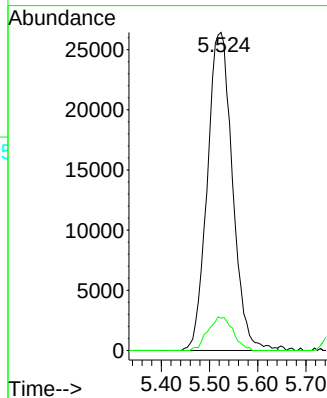
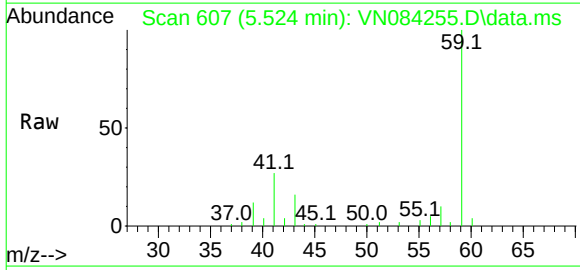
57 10.5 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/02/2024

Supervised By :Semsettin Yesilyurt 10/02/2024



#12

1,1-Dichloroethene

Concen: 52.259 ug/l

RT: 4.336 min Scan# 405

Delta R.T. -0.006 min

Lab File: VN084255.D

Acq: 01 Oct 2024 21:30

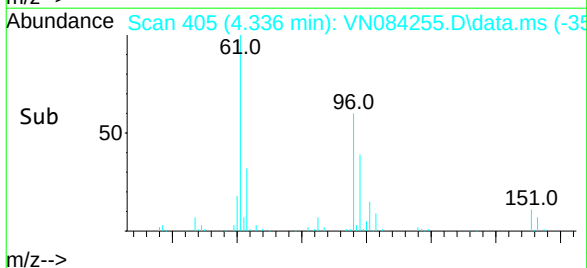
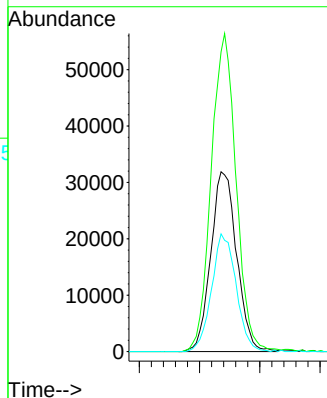
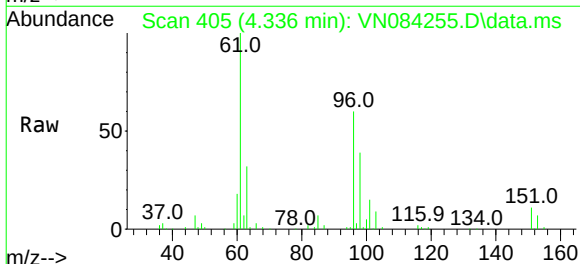
Tgt Ion: 96 Resp: 95242

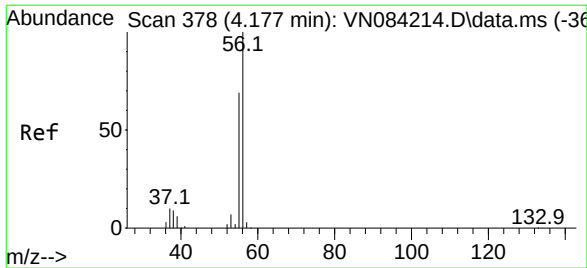
Ion Ratio Lower Upper

96 100

61 166.7 128.6 192.8

98 65.5 51.7 77.5





#13

Acrolein

Concen: 239.411 ug/l

RT: 4.177 min Scan# 378

Delta R.T. 0.000 min

Lab File: VN084255.D

Acq: 01 Oct 2024 21:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 108766

Ion Ratio Lower Upper

56 100

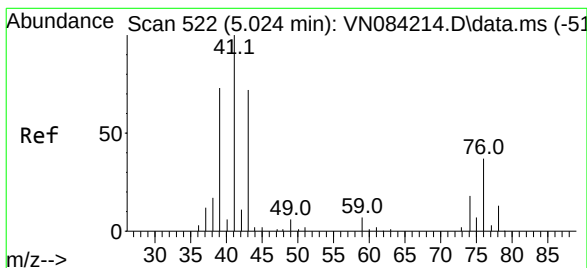
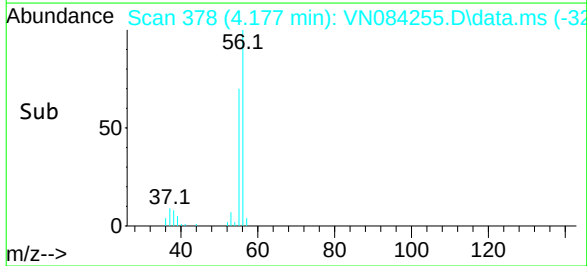
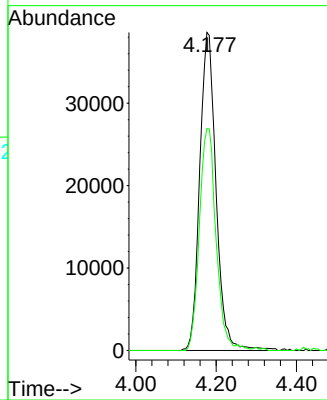
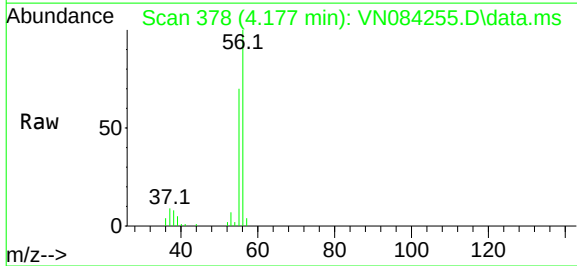
55 70.6 57.2 85.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/02/2024

Supervised By :Semsettin Yesilyurt 10/02/2024



#14

Allyl chloride

Concen: 47.749 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.000 min

Lab File: VN084255.D

Acq: 01 Oct 2024 21:30

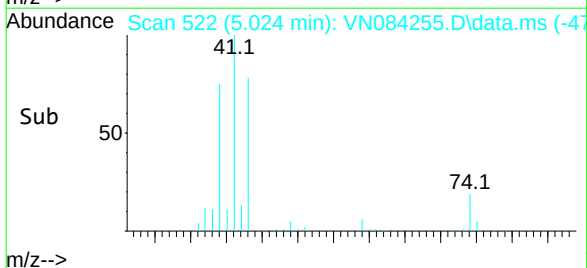
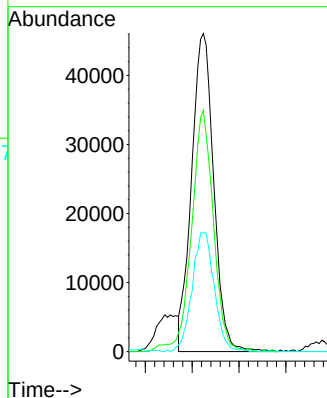
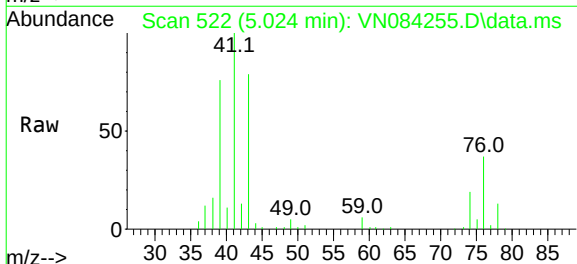
Tgt Ion: 41 Resp: 151133

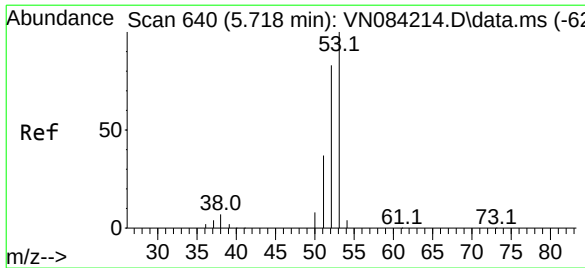
Ion Ratio Lower Upper

41 100

39 75.2 59.0 88.6

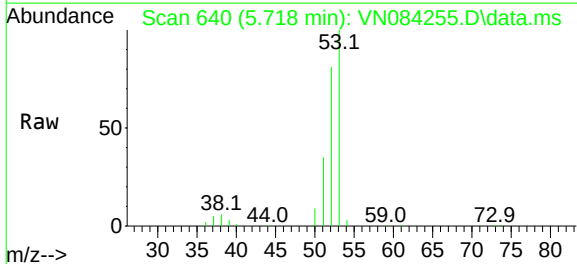
76 37.6 29.8 44.6





#15
Acrylonitrile
Concen: 264.816 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN084255.D
Acq: 01 Oct 2024 21:30

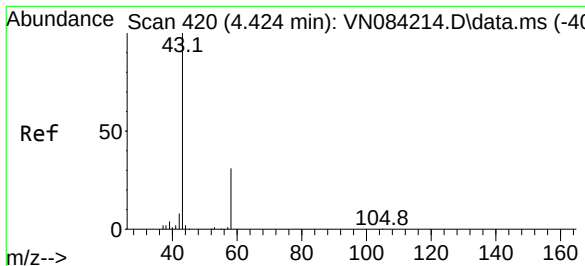
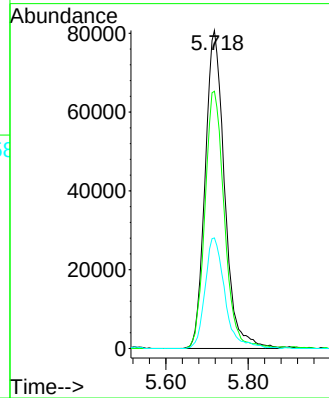
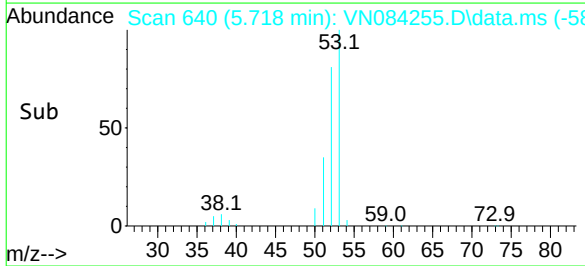
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 264640
Ion Ratio Lower Upper
53 100
52 81.1 66.2 99.4
51 35.6 28.8 43.2

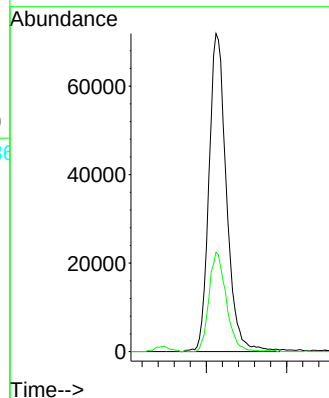
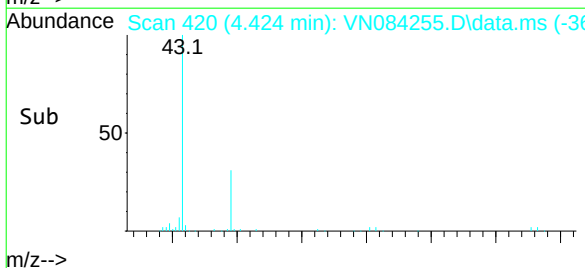
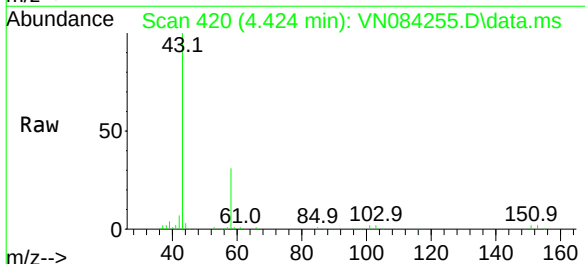
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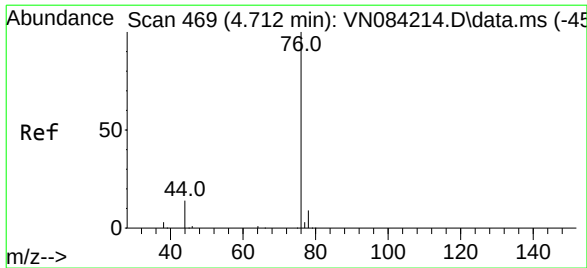
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#16
Acetone
Concen: 210.676 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN084255.D
Acq: 01 Oct 2024 21:30

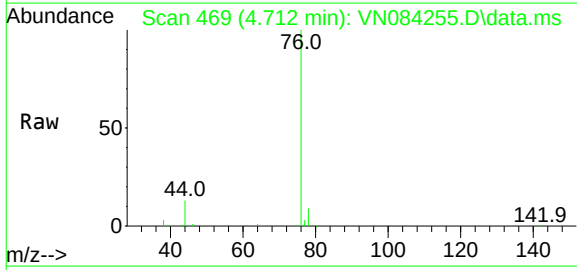
Tgt Ion: 43 Resp: 217200
Ion Ratio Lower Upper
43 100
58 31.3 24.4 36.6





#17
Carbon Disulfide
Concen: 47.960 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN084255.D
Acq: 01 Oct 2024 21:30

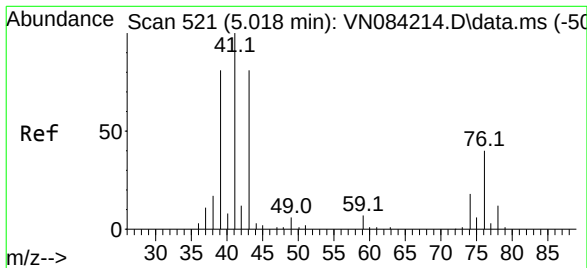
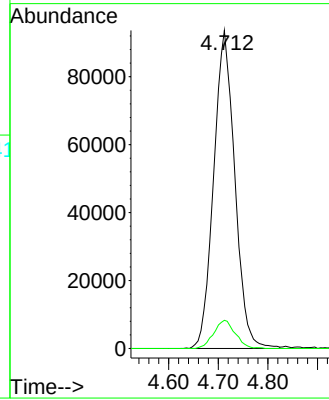
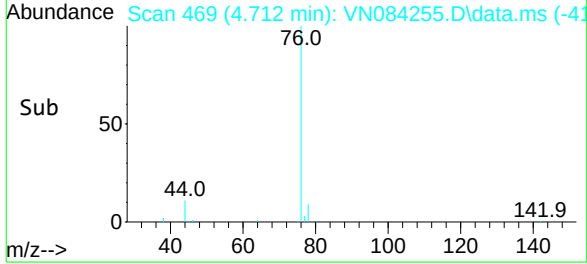
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 276735
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9

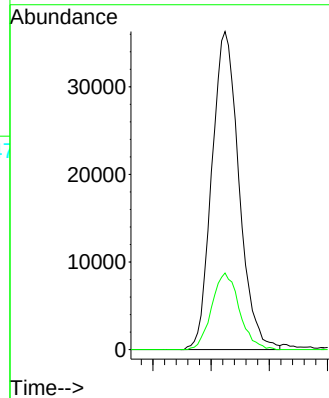
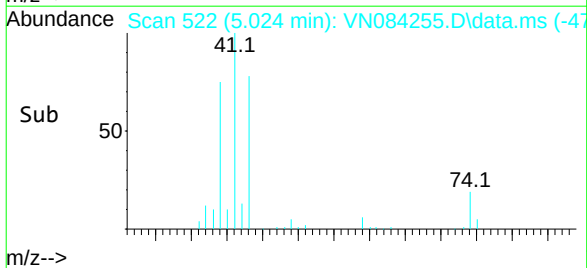
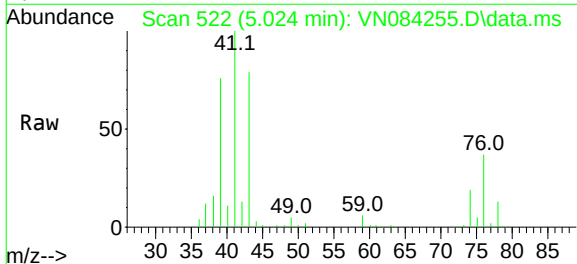
Manual Integrations
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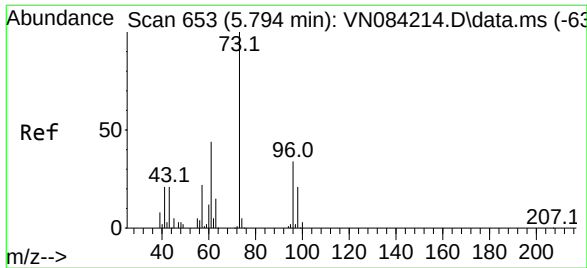
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#18
Methyl Acetate
Concen: 52.475 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN084255.D
Acq: 01 Oct 2024 21:30

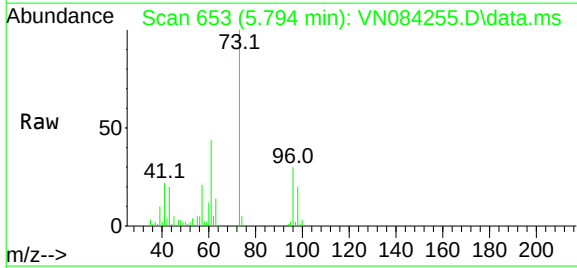
Tgt Ion: 43 Resp: 117914
Ion Ratio Lower Upper
43 100
74 24.4 19.2 28.8





#19
Methyl tert-butyl Ether
Concen: 52.562 ug/l
RT: 5.794 min Scan# 653
Delta R.T. 0.000 min
Lab File: VN084255.D
Acq: 01 Oct 2024 21:30

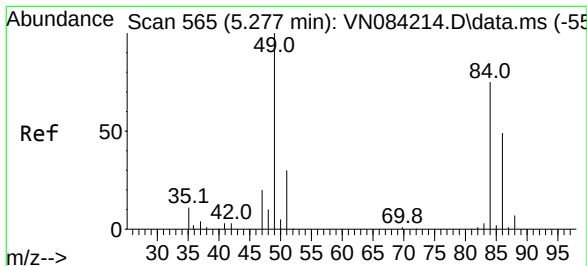
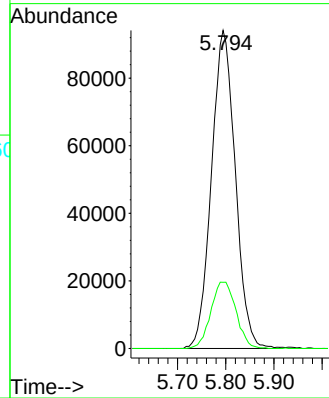
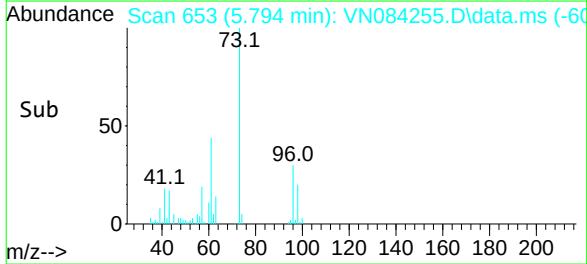
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



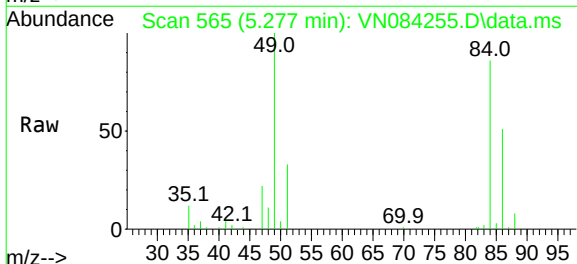
Tgt Ion: 73 Resp: 323319
Ion Ratio Lower Upper
73 100
57 20.8 17.7 26.5

Manual Integrations
APPROVED

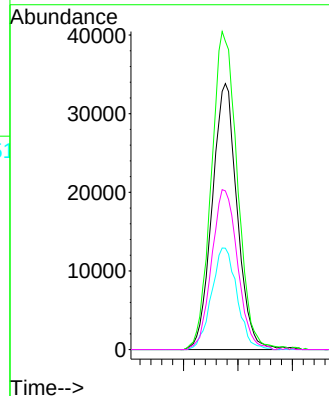
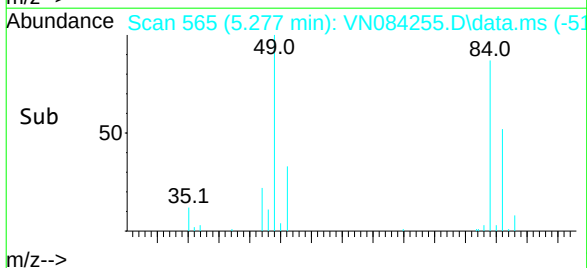
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024

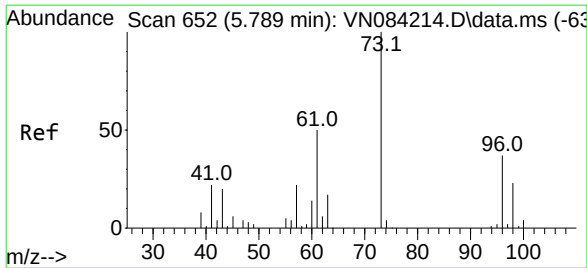


#20
Methylene Chloride
Concen: 51.505 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN084255.D
Acq: 01 Oct 2024 21:30



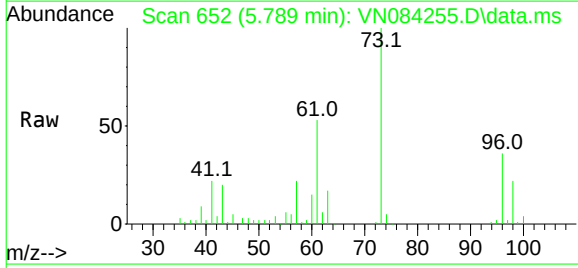
Tgt Ion: 84 Resp: 107942
Ion Ratio Lower Upper
84 100
49 115.9 107.2 160.8
51 38.1 31.8 47.8
86 59.7 52.9 79.3





#21
trans-1,2-Dichloroethene
Concen: 51.841 ug/l
RT: 5.789 min Scan# 652
Delta R.T. 0.000 min
Lab File: VN084255.D
Acq: 01 Oct 2024 21:30

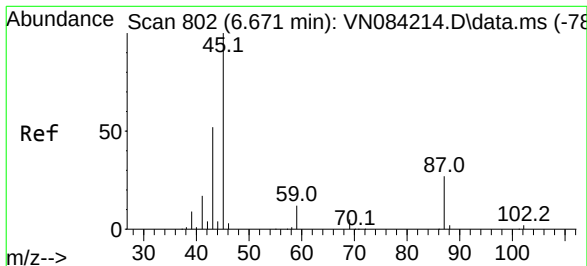
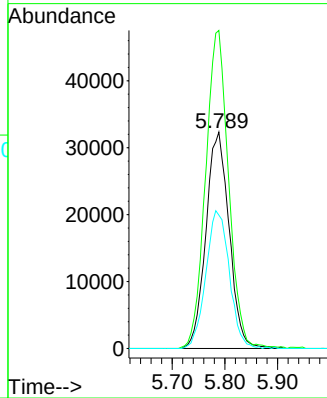
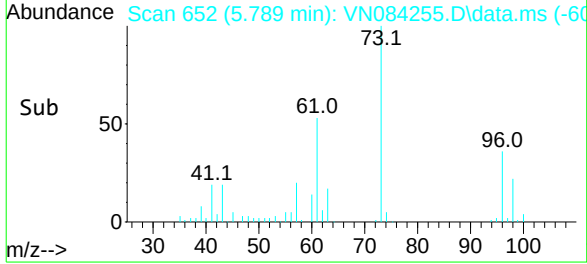
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 98983
Ion Ratio Lower Upper
96 100
61 147.0 108.4 162.6
98 61.6 49.8 74.8

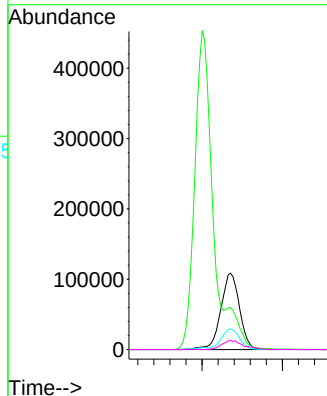
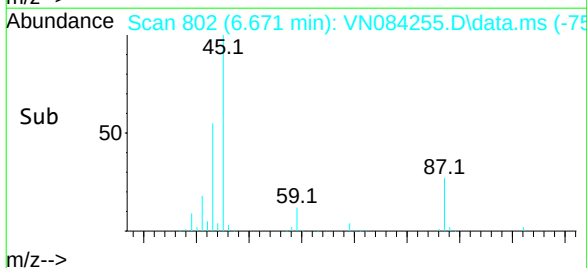
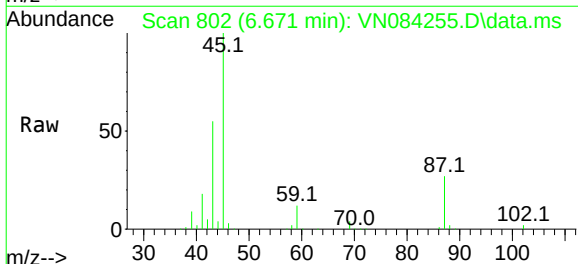
Manual Integrations
APPROVED

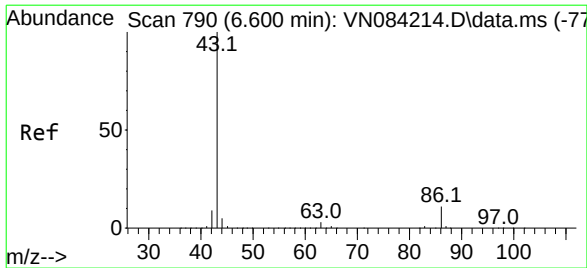
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#22
Diisopropyl ether
Concen: 53.837 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN084255.D
Acq: 01 Oct 2024 21:30

Tgt Ion: 45 Resp: 352466
Ion Ratio Lower Upper
45 100
43 54.5 42.3 63.5
87 26.8 21.8 32.6
59 12.2 9.6 14.4





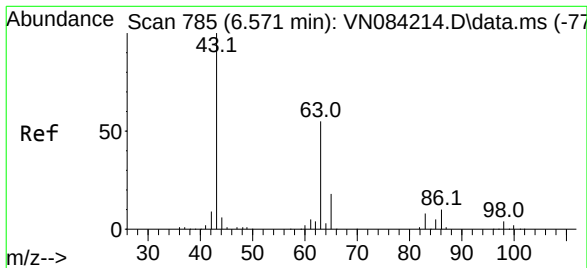
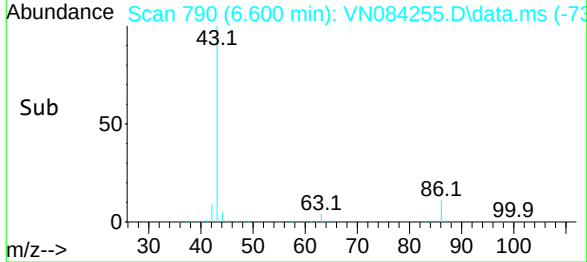
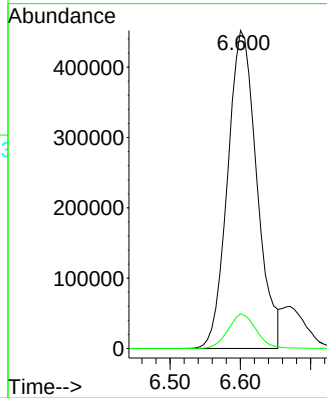
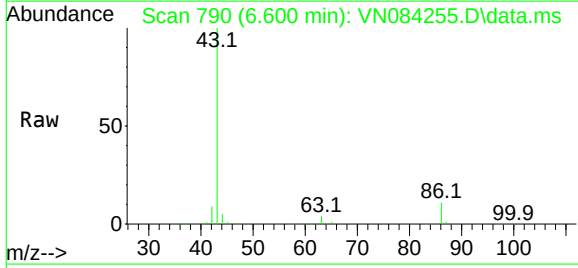
#23
 Vinyl Acetate
 Concen: 268.888 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN084255.D
 Acq: 01 Oct 2024 21:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1305681
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.6 12.8

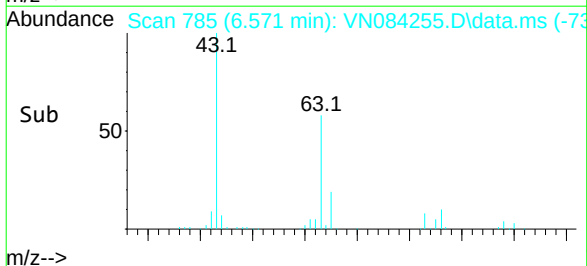
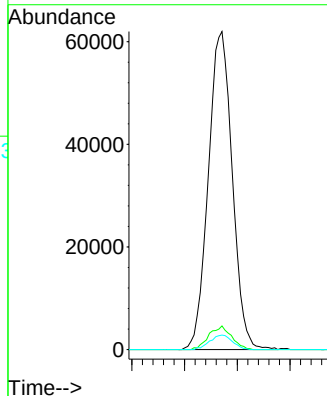
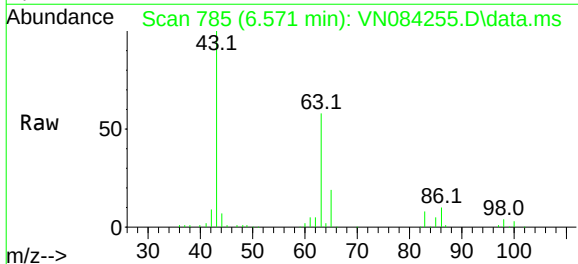
Manual Integrations
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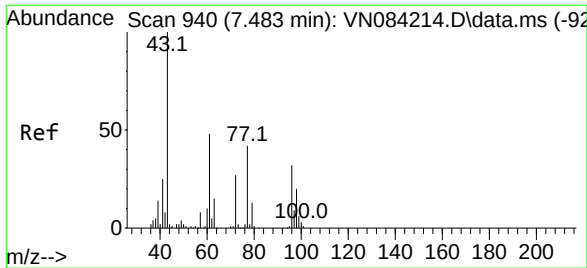
Reviewed By :John Carlone 10/02/2024
 Supervised By :Semsettin Yesilyurt 10/02/2024



#24
 1,1-Dichloroethane
 Concen: 53.487 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VN084255.D
 Acq: 01 Oct 2024 21:30

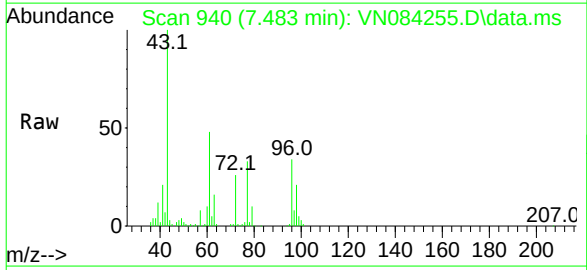
Tgt Ion: 63 Resp: 195826
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.4 10.2
 100 4.6 2.0 5.8





#25
2-Butanone
Concen: 245.264 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN084255.D
Acq: 01 Oct 2024 21:30

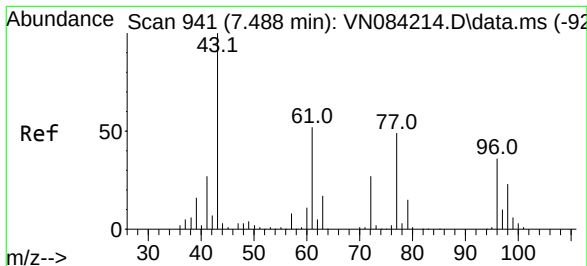
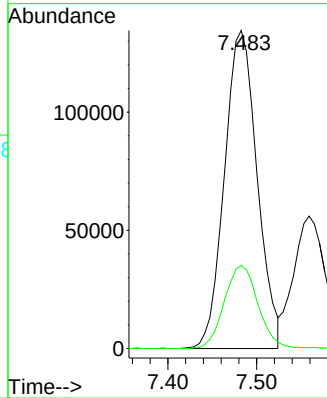
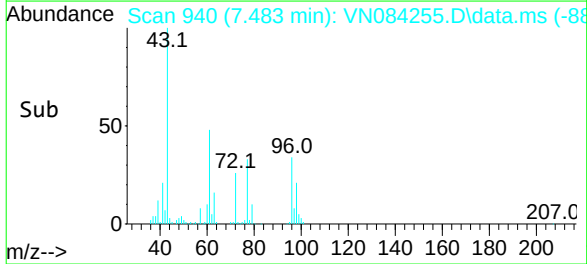
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 344399
Ion Ratio Lower Upper
43 100
72 26.1 21.4 32.2

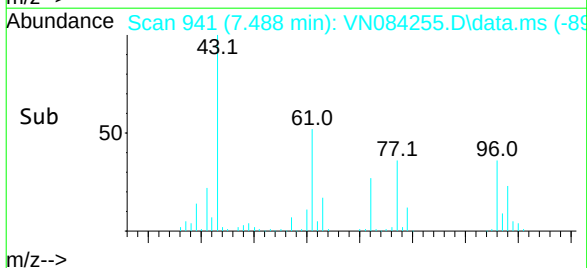
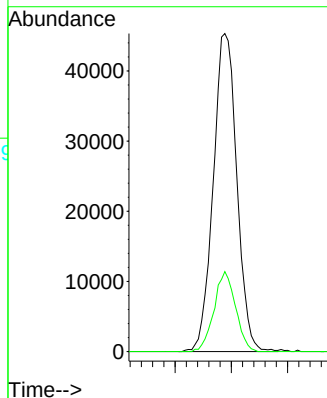
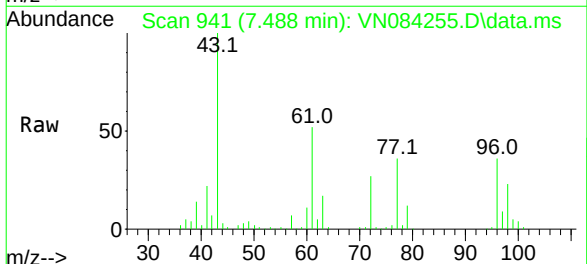
Manual Integrations
APPROVED

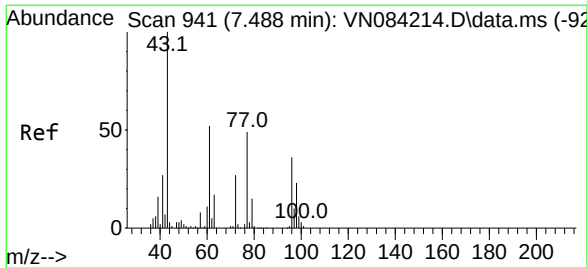
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#26
2,2-Dichloropropane
Concen: 40.017 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN084255.D
Acq: 01 Oct 2024 21:30

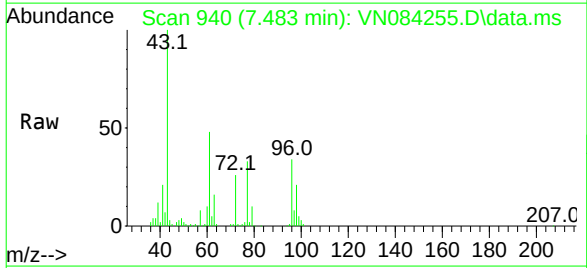
Tgt Ion: 77 Resp: 132100
Ion Ratio Lower Upper
77 100
97 23.0 10.8 32.3





#27
cis-1,2-Dichloroethene
Concen: 52.869 ug/l
RT: 7.483 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN084255.D
Acq: 01 Oct 2024 21:30

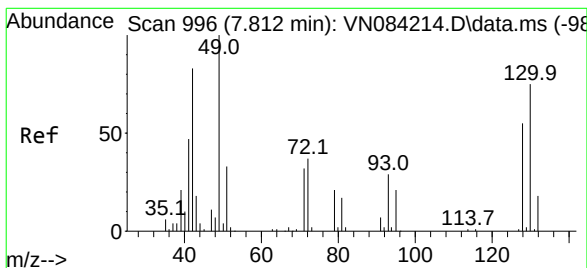
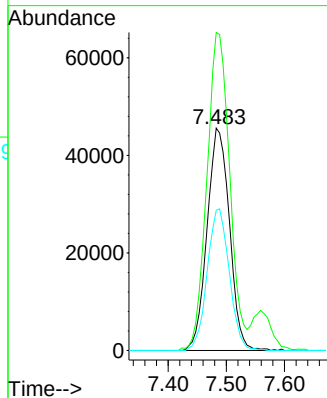
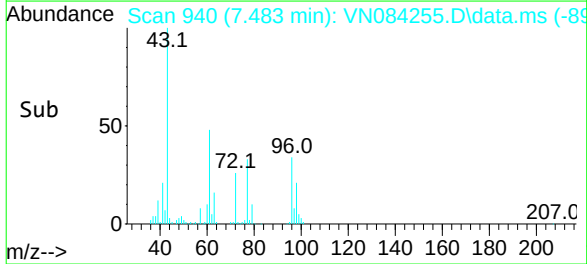
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 121982
Ion Ratio Lower Upper
96 100
61 145.5 0.0 301.8
98 62.8 0.0 128.2

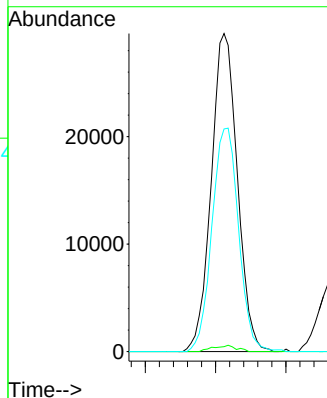
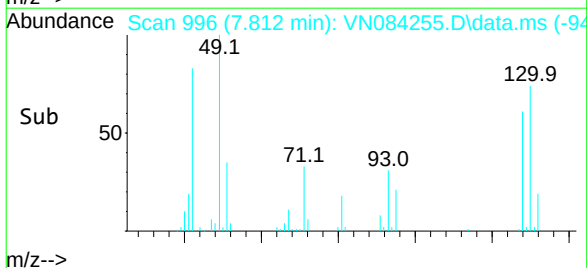
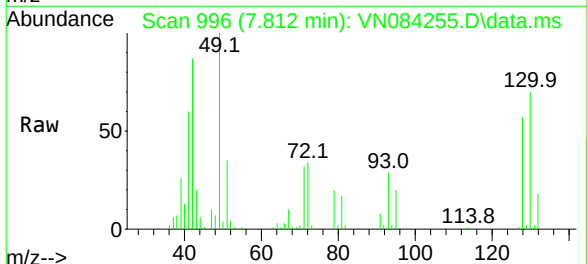
Manual Integrations
APPROVED

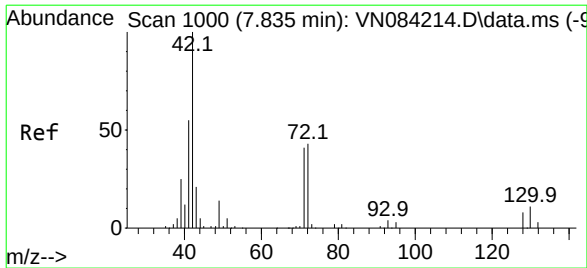
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#28
Bromochloromethane
Concen: 46.783 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN084255.D
Acq: 01 Oct 2024 21:30

Tgt Ion: 49 Resp: 76422
Ion Ratio Lower Upper
49 100
129 1.8 0.0 3.6
130 71.6 58.0 87.0





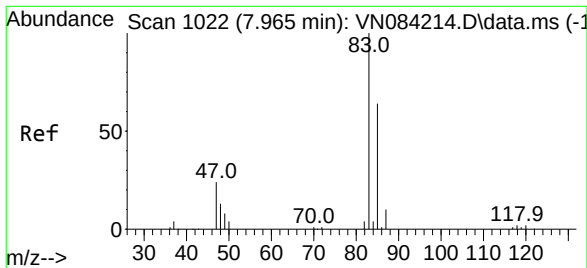
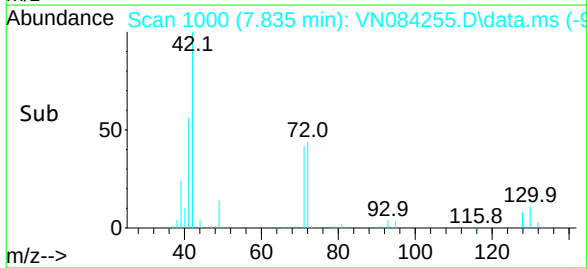
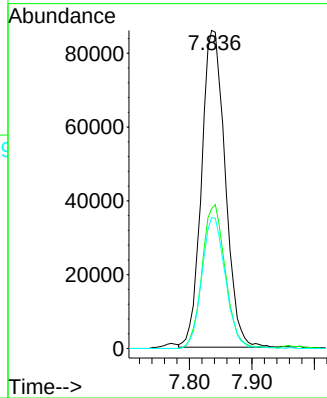
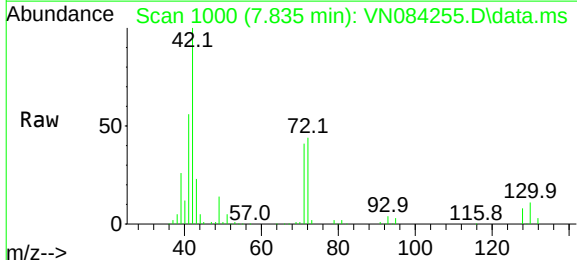
#29
Tetrahydrofuran
Concen: 260.162 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VN084255.D
Acq: 01 Oct 2024 21:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 225444
Ion Ratio Lower Upper
42 100
72 44.7 34.6 51.8
71 41.3 32.2 48.4

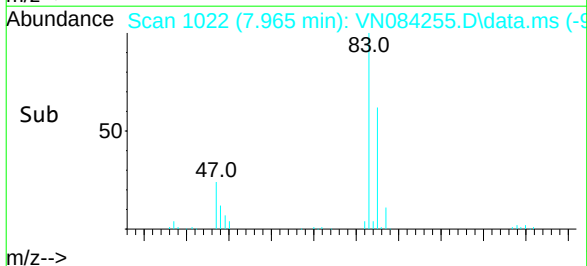
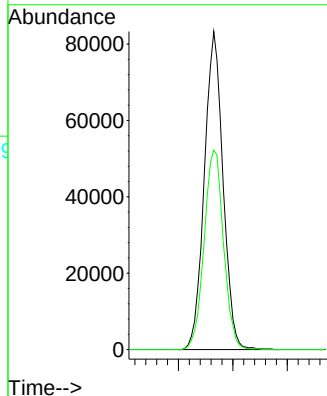
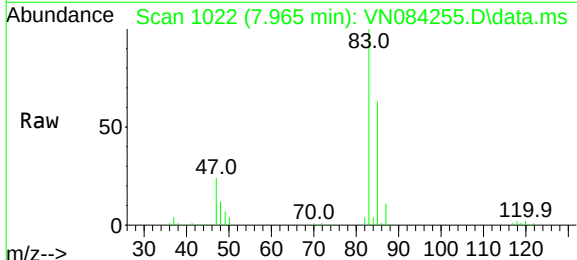
Manual Integrations
APPROVED

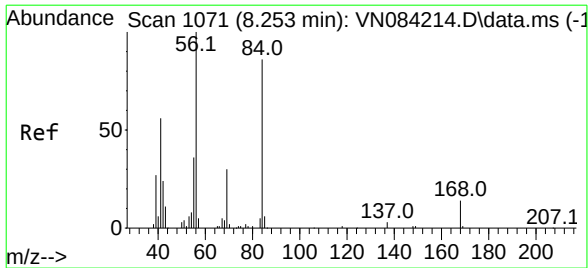
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#30
Chloroform
Concen: 52.189 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN084255.D
Acq: 01 Oct 2024 21:30

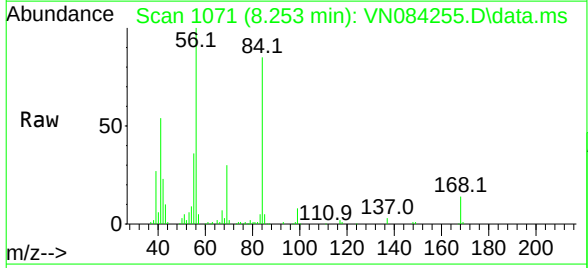
Tgt Ion: 83 Resp: 198478
Ion Ratio Lower Upper
83 100
85 62.7 51.0 76.4





#31
Cyclohexane
Concen: 47.742 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN084255.D
Acq: 01 Oct 2024 21:30

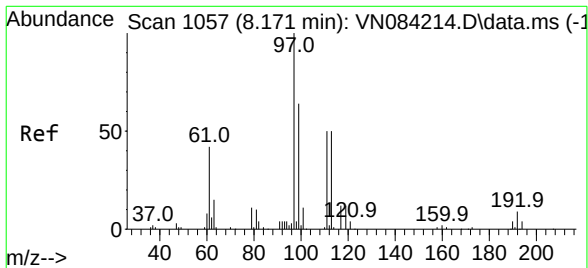
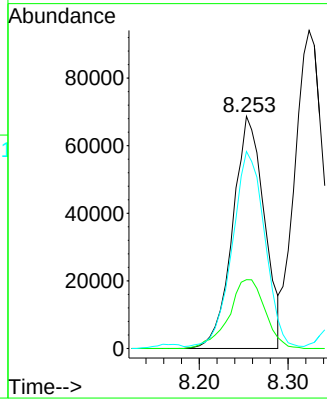
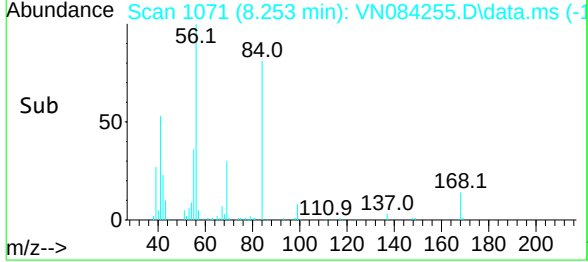
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 169715
Ion Ratio Lower Upper
56 100
69 29.6 23.8 35.6
84 83.2 68.8 103.2

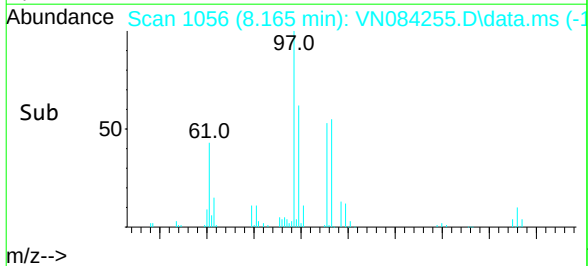
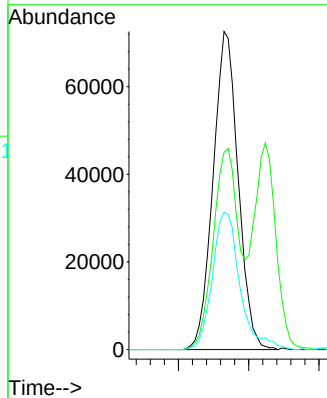
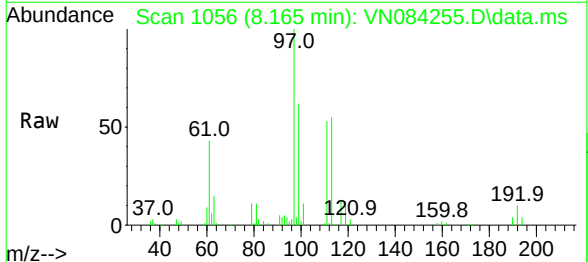
Manual Integrations
APPROVED

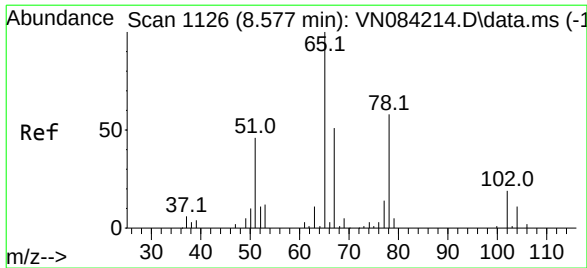
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#32
1,1,1-Trichloroethane
Concen: 52.570 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN084255.D
Acq: 01 Oct 2024 21:30

Tgt Ion: 97 Resp: 179557
Ion Ratio Lower Upper
97 100
99 63.9 51.2 76.8
61 47.5 37.5 56.3





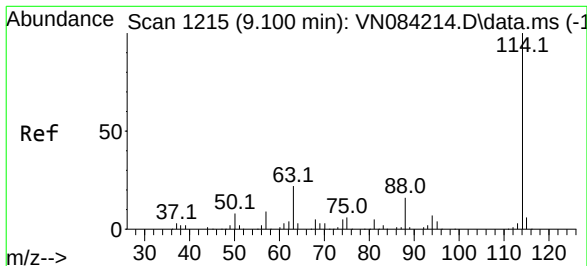
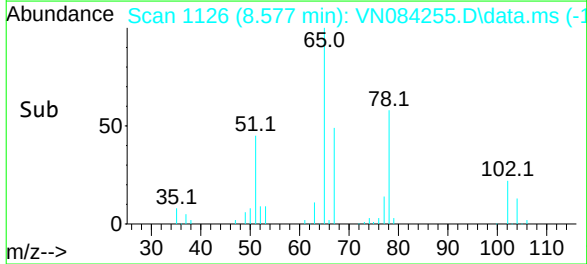
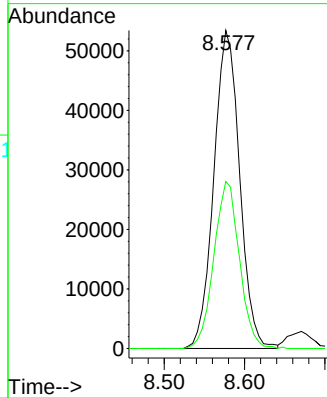
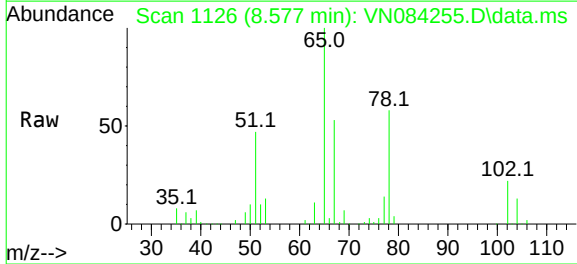
#33
1,2-Dichloroethane-d4
Concen: 49.689 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN084255.D
Acq: 01 Oct 2024 21:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 65 Resp: 119252
Ion Ratio Lower Upper
65 100
67 52.0 0.0 102.0

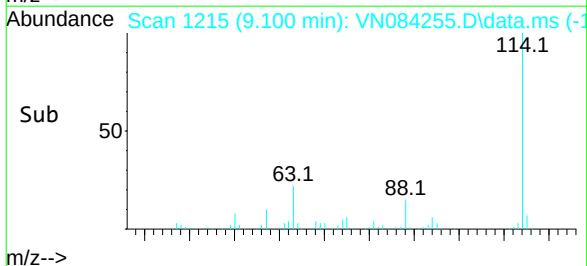
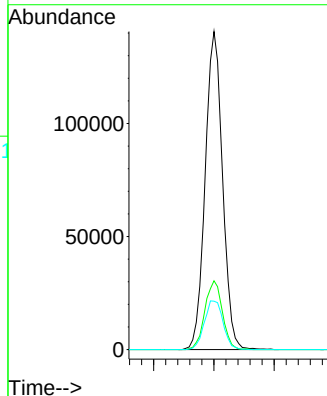
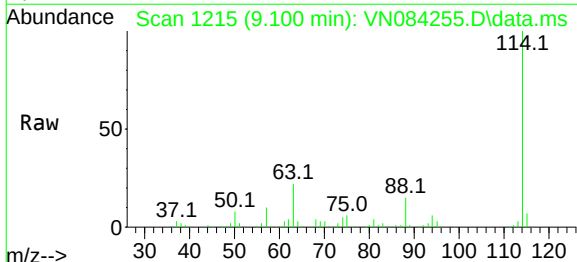
Manual Integrations
APPROVED

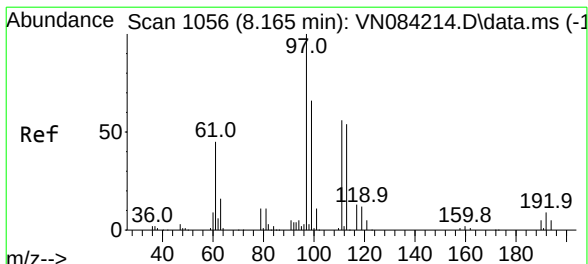
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN084255.D
Acq: 01 Oct 2024 21:30

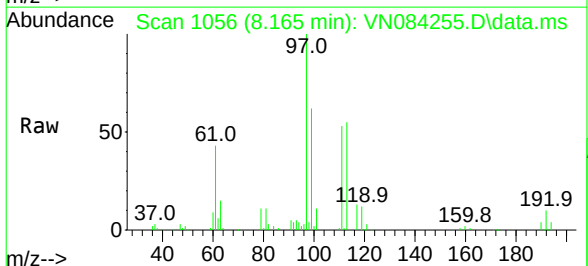
Tgt Ion:114 Resp: 281630
Ion Ratio Lower Upper
114 100
63 21.6 0.0 43.8
88 15.2 0.0 31.6





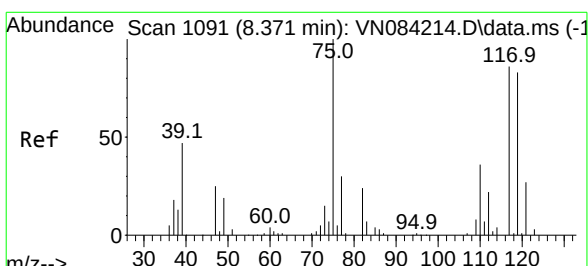
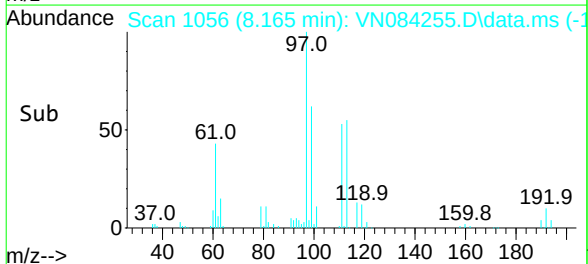
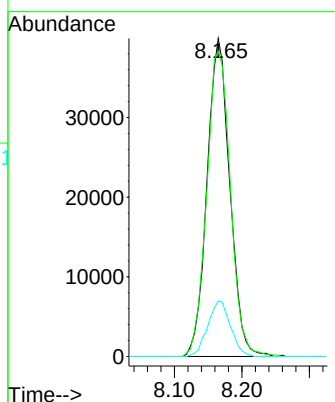
#35
 Dibromofluoromethane
 Concen: 50.438 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.000 min
 Lab File: VN084255.D
 Acq: 01 Oct 2024 21:30

Instrument : MSVOA_N
 ClientSampleId : VSTDCCC050EC



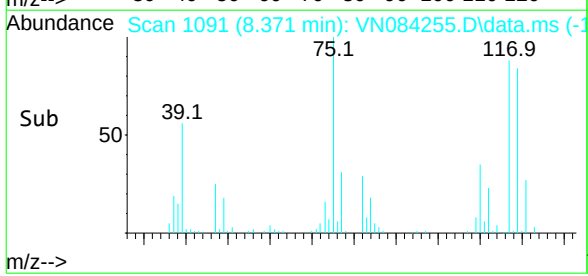
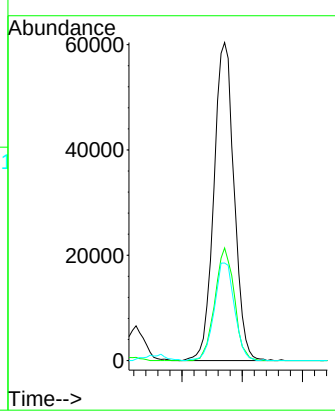
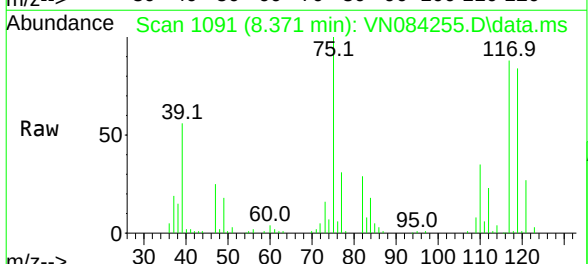
Tgt Ion:	113	Resp:	93647
Ion Ratio	Lower	Upper	
113	100		
111	100.1	83.3	124.9
192	17.4	13.5	20.3

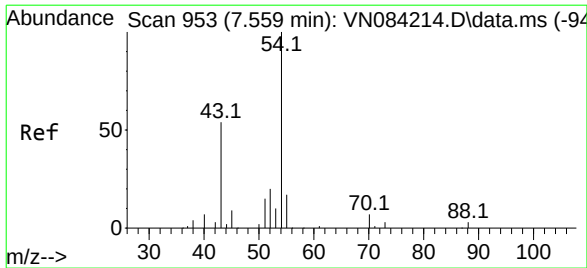
Manual Integrations
APPROVED
 Reviewed By :John Carlone 10/02/2024
 Supervised By :Semsettin Yesilyurt 10/02/2024



#36
 1,1-Dichloropropene
 Concen: 52.228 ug/l
 RT: 8.371 min Scan# 1091
 Delta R.T. 0.000 min
 Lab File: VN084255.D
 Acq: 01 Oct 2024 21:30

Tgt Ion:	75	Resp:	140853
Ion Ratio	Lower	Upper	
75	100		
110	34.0	16.9	50.7
77	30.8	24.7	37.1





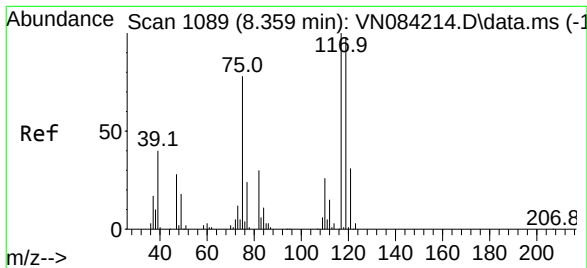
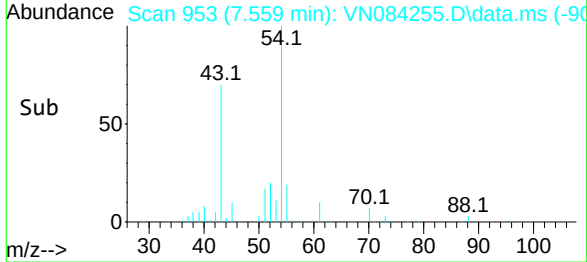
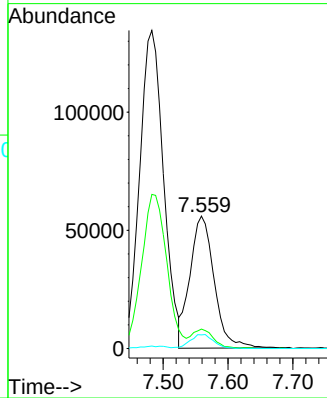
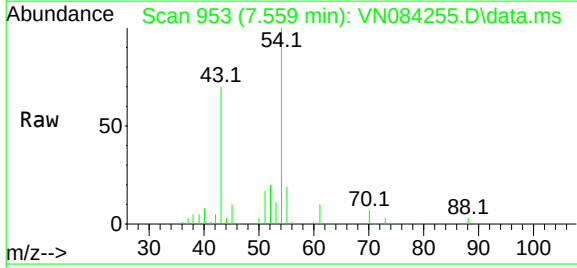
#37
Ethyl Acetate
Concen: 52.355 ug/l
RT: 7.559 min Scan# 953
Delta R.T. 0.000 min
Lab File: VN084255.D
Acq: 01 Oct 2024 21:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	43	Resp:	144854
Ion	Ratio	Lower	Upper
43	100		
61	12.5	10.7	16.1
70	10.3	8.8	13.2

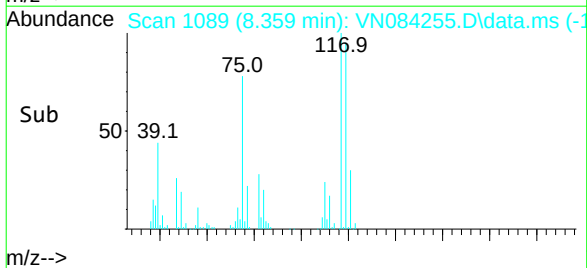
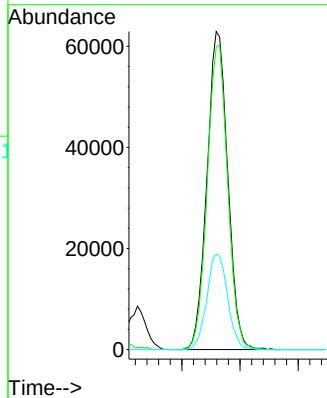
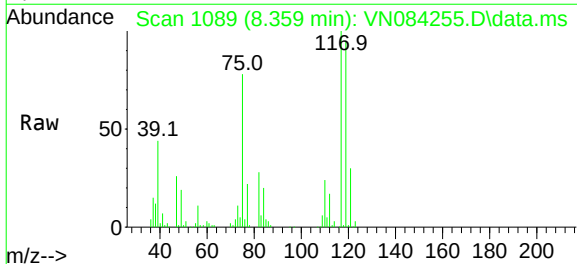
Manual Integrations
APPROVED

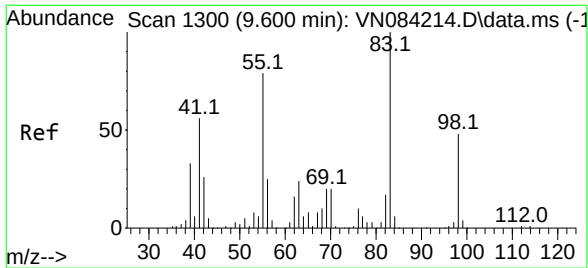
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#38
Carbon Tetrachloride
Concen: 52.902 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN084255.D
Acq: 01 Oct 2024 21:30

Tgt Ion:	117	Resp:	156503
Ion	Ratio	Lower	Upper
117	100		
119	95.1	78.7	118.1
121	30.1	24.4	36.6





#39
Methylcyclohexane
Concen: 52.218 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VN084255.D
Acq: 01 Oct 2024 21:30

Instrument :

MSVOA_N

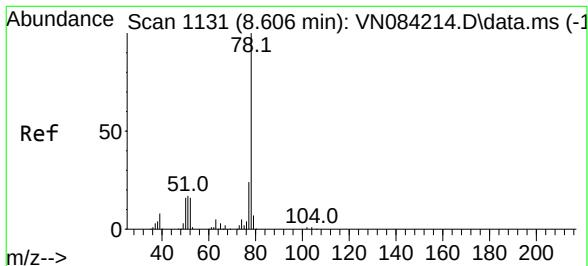
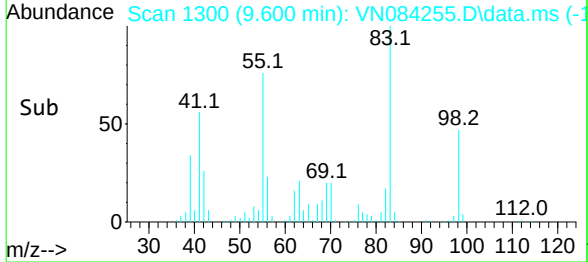
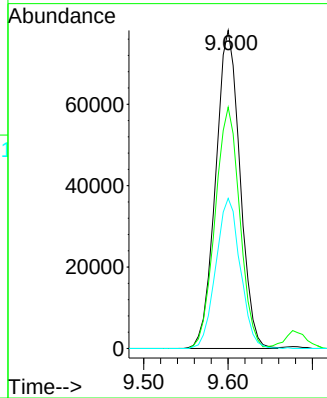
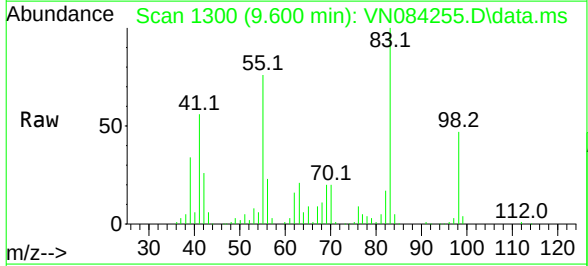
ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 156735
Ion Ratio Lower Upper
83 100
55 75.8 62.8 94.2
98 47.2 38.8 58.2

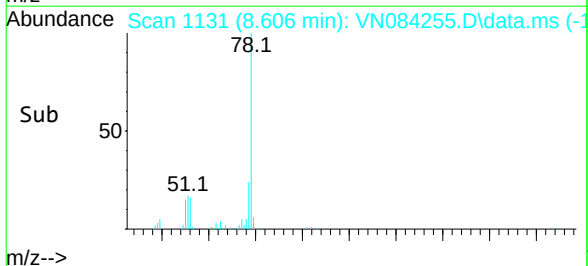
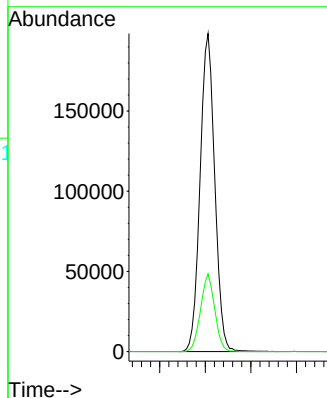
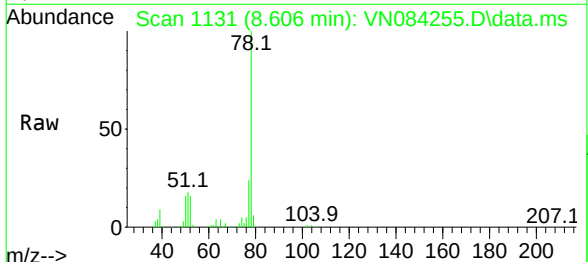
Manual Integrations
APPROVED

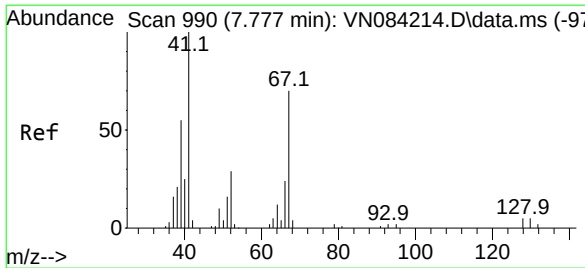
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#40
Benzene
Concen: 52.648 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN084255.D
Acq: 01 Oct 2024 21:30

Tgt Ion: 78 Resp: 442380
Ion Ratio Lower Upper
78 100
77 24.4 19.1 28.7





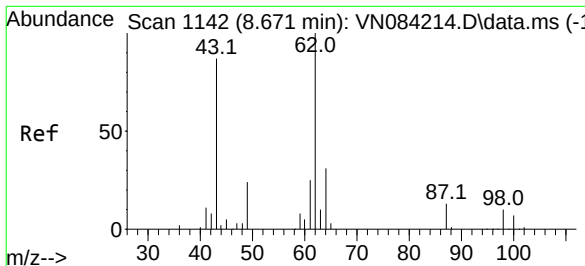
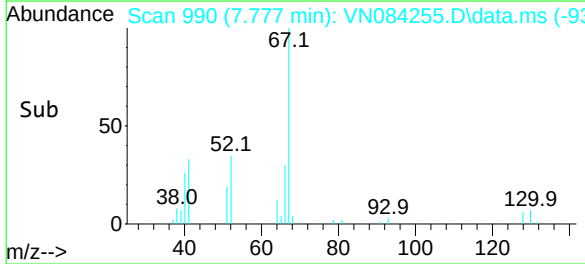
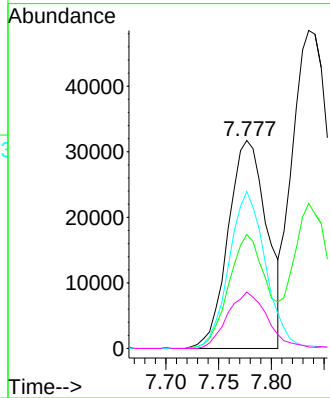
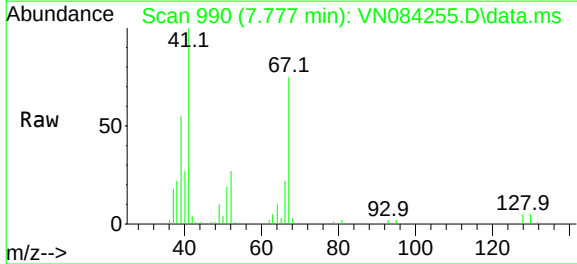
#41
Methacrylonitrile
Concen: 54.129 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN084255.D
Acq: 01 Oct 2024 21:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	81305
Ion	Ratio	Lower	Upper
41	100		
39	53.1	43.3	64.9
67	71.1	56.1	84.1
52	27.9	24.5	36.7

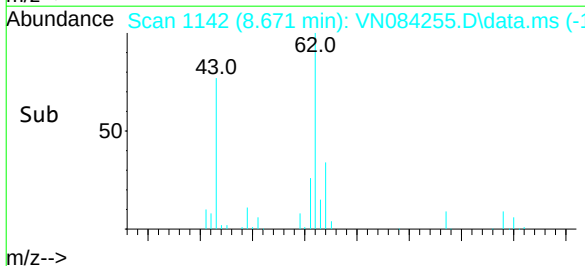
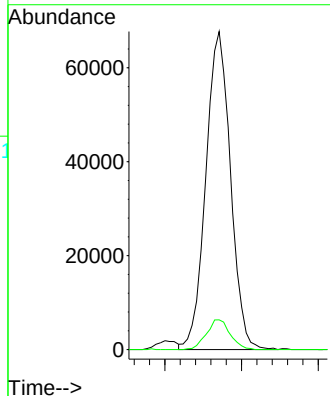
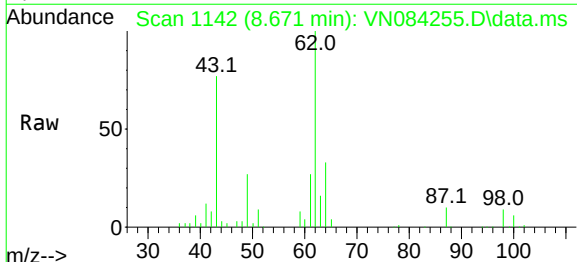
Manual Integrations
APPROVED

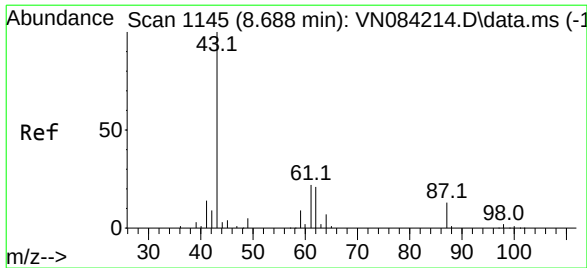
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#42
1,2-Dichloroethane
Concen: 53.195 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN084255.D
Acq: 01 Oct 2024 21:30

Tgt Ion:	62	Resp:	151530
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	18.2





#43

Isopropyl Acetate

Concen: 44.346 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN084255.D

Acq: 01 Oct 2024 21:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

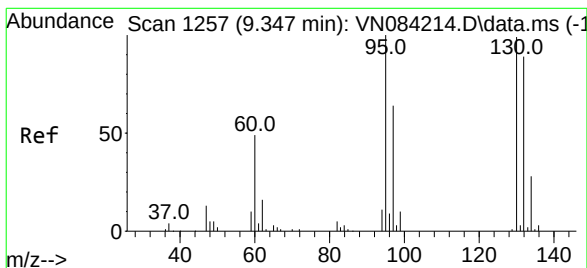
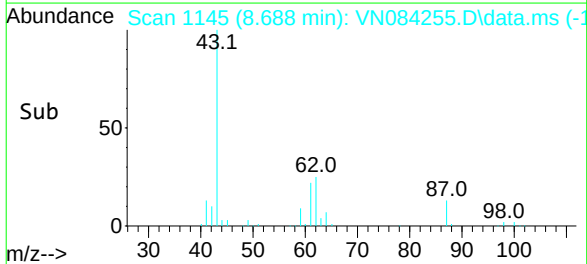
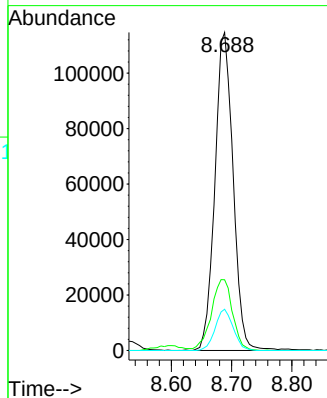
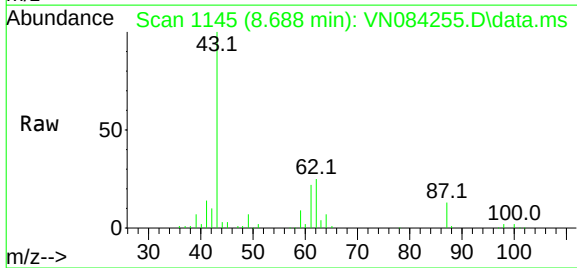
Tgt Ion:	43	Resp:	240327
Ion	Ratio	Lower	Upper
43	100		
61	25.9	20.4	30.6
87	12.9	10.3	15.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/02/2024

Supervised By :Semsettin Yesilyurt 10/02/2024



#44

Trichloroethene

Concen: 52.116 ug/l

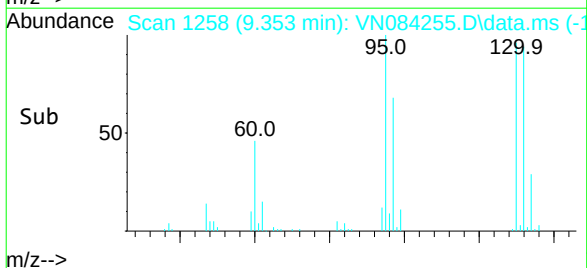
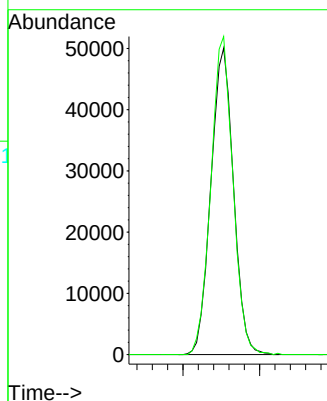
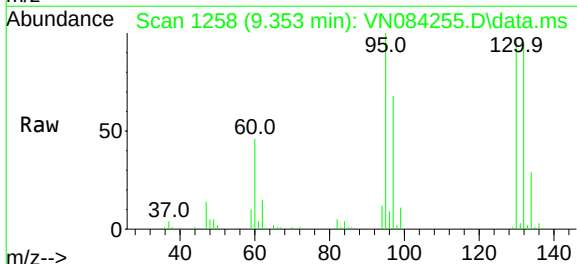
RT: 9.353 min Scan# 1258

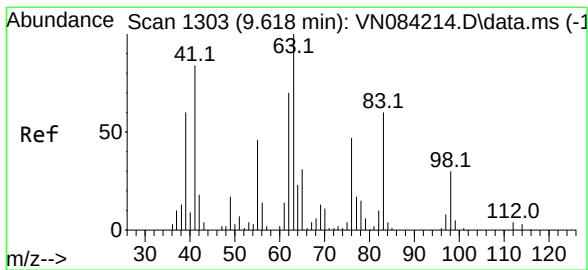
Delta R.T. 0.006 min

Lab File: VN084255.D

Acq: 01 Oct 2024 21:30

Tgt Ion:	130	Resp:	102279
Ion	Ratio	Lower	Upper
130	100		
95	103.8	0.0	203.0





#45

1,2-Dichloropropane

Concen: 54.540 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN084255.D

Acq: 01 Oct 2024 21:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 108411

Ion Ratio Lower Upper

63 100

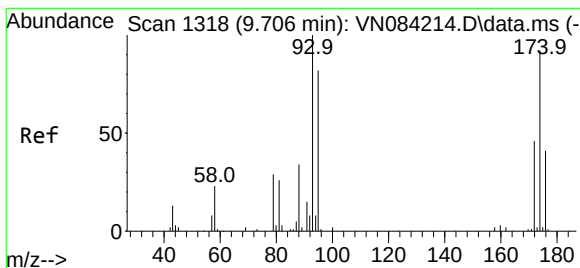
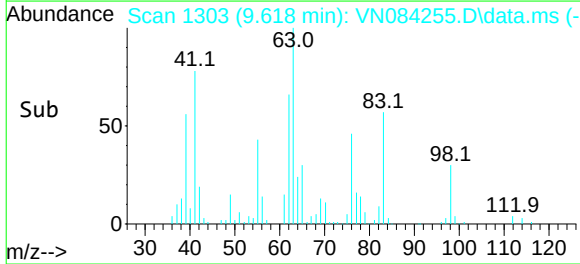
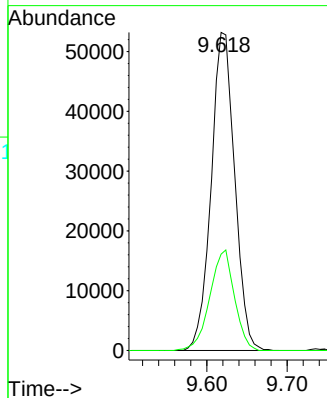
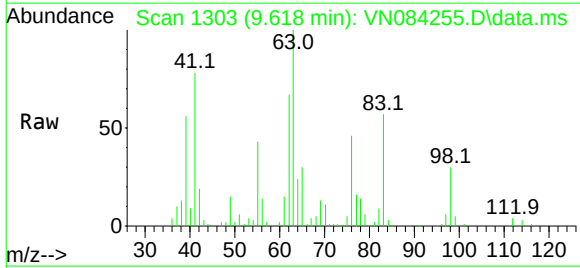
65 30.3 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/02/2024

Supervised By :Semsettin Yesilyurt 10/02/2024



#46

Dibromomethane

Concen: 55.493 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN084255.D

Acq: 01 Oct 2024 21:30

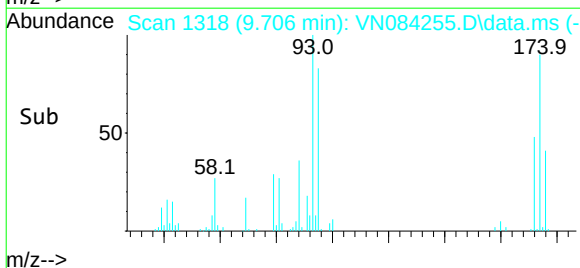
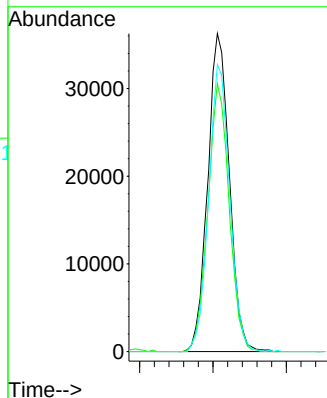
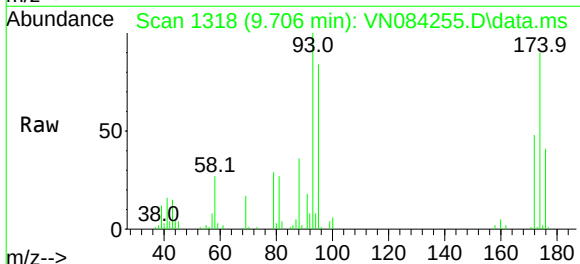
Tgt Ion: 93 Resp: 74438

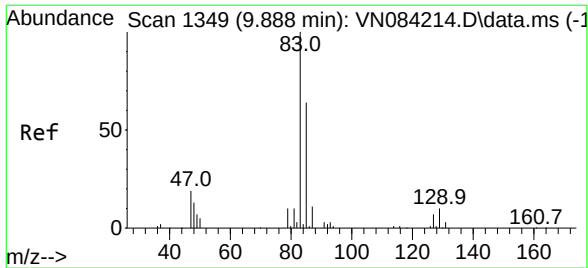
Ion Ratio Lower Upper

93 100

95 82.7 65.0 97.4

174 87.9 71.8 107.8





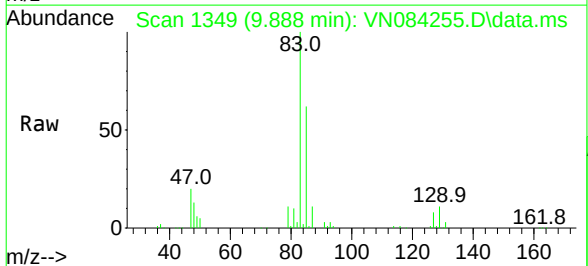
#47
 Bromodichloromethane
 Concen: 54.011 ug/l
 RT: 9.888 min Scan# 1349
 Delta R.T. 0.000 min
 Lab File: VN084255.D
 Acq: 01 Oct 2024 21:30

Instrument :

MSVOA_N

ClientSampleId :

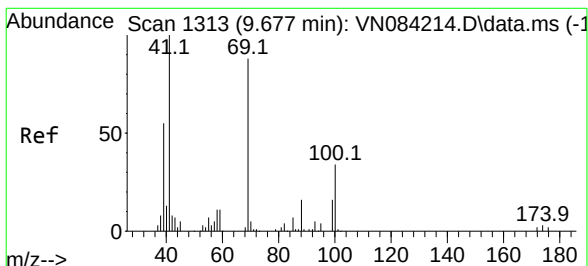
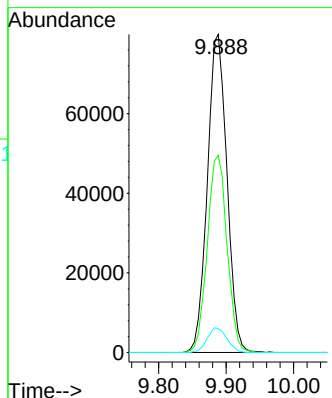
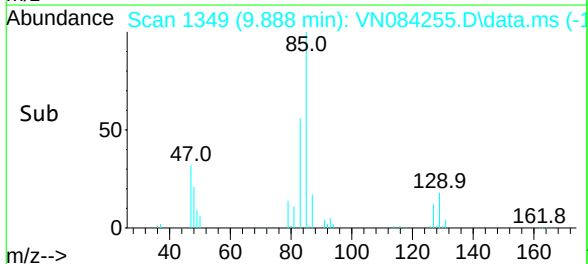
VSTDCCC050EC



Tgt Ion:	83	Resp:	160962
Ion	Ratio	Lower	Upper
83	100		
85	61.9	51.5	77.3
127	7.5	5.7	8.5

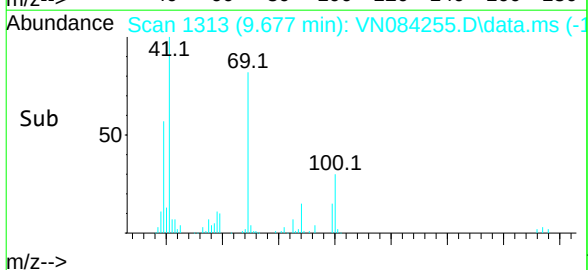
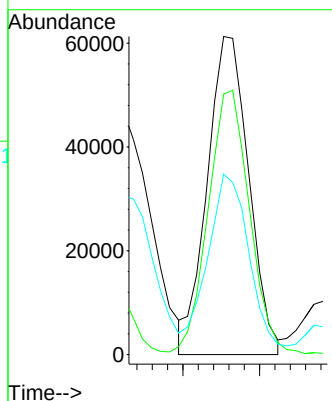
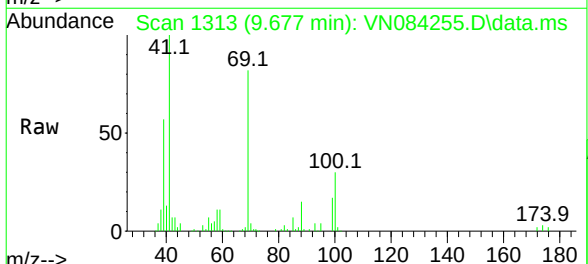
Manual Integrations
 APPROVED

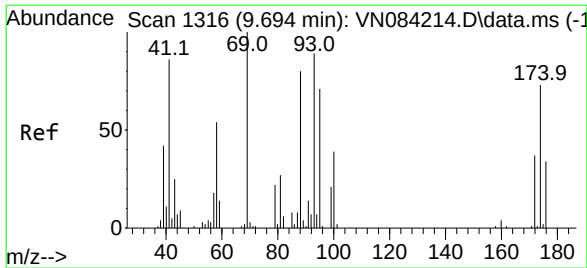
Reviewed By :John Carlone 10/02/2024
 Supervised By :Semsettin Yesilyurt 10/02/2024



#48
 Methyl methacrylate
 Concen: 53.482 ug/l
 RT: 9.677 min Scan# 1313
 Delta R.T. 0.000 min
 Lab File: VN084255.D
 Acq: 01 Oct 2024 21:30

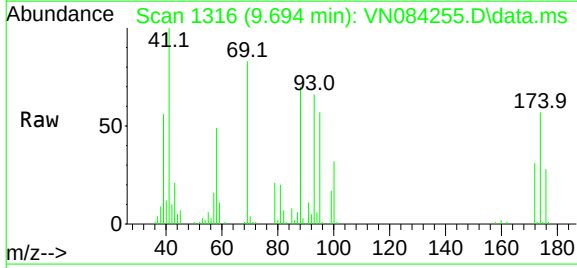
Tgt Ion:	41	Resp:	115375
Ion	Ratio	Lower	Upper
41	100		
69	83.1	67.1	100.7
39	57.6	45.8	68.6





#49
1,4-Dioxane
Concen: 1107.419 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN084255.D
Acq: 01 Oct 2024 21:30

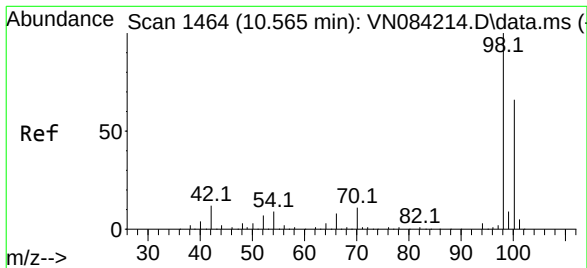
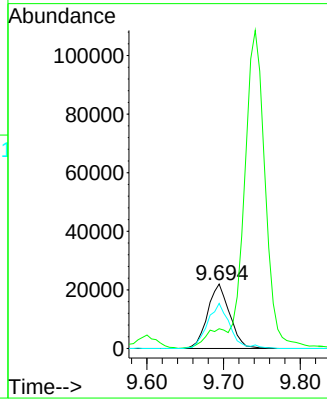
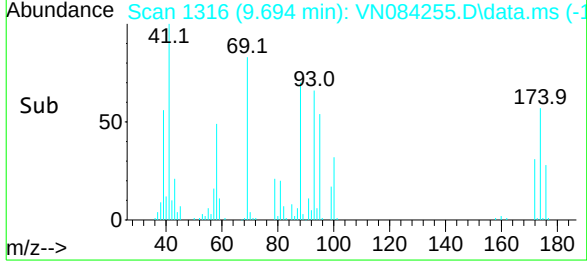
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 43982
Ion Ratio Lower Upper
88 100
43 0.0 25.3 37.9#
58 71.3 56.4 84.6

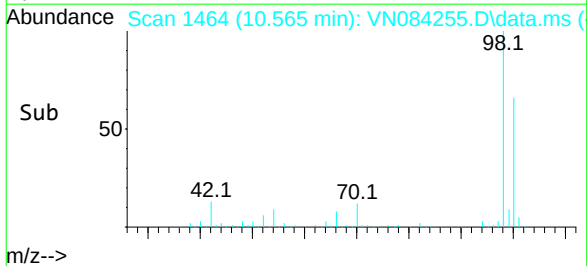
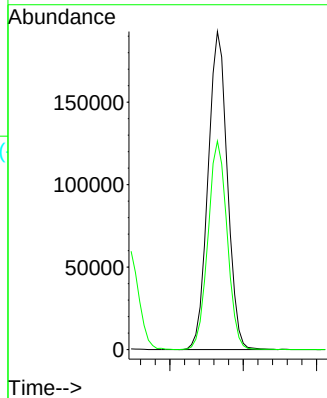
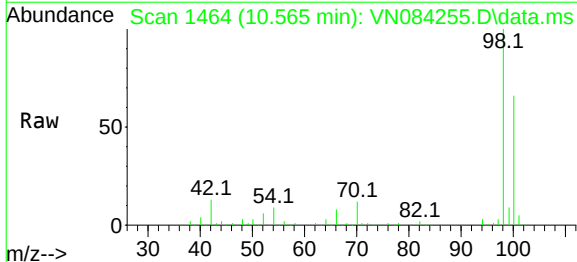
Manual Integrations
APPROVED

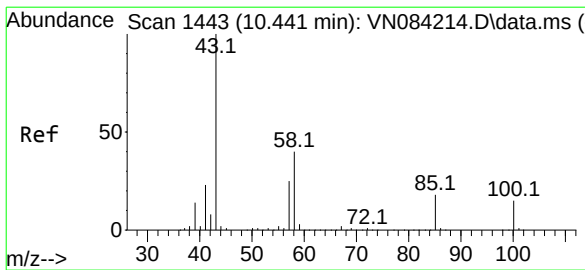
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#50
Toluene-d8
Concen: 51.693 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084255.D
Acq: 01 Oct 2024 21:30

Tgt Ion: 98 Resp: 353112
Ion Ratio Lower Upper
98 100
100 64.9 52.7 79.1





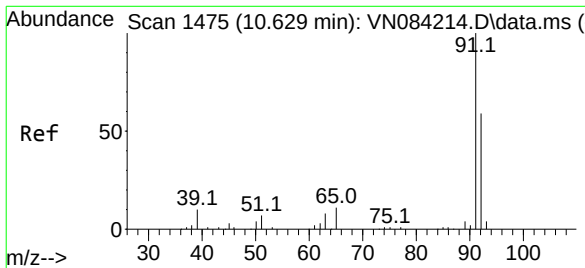
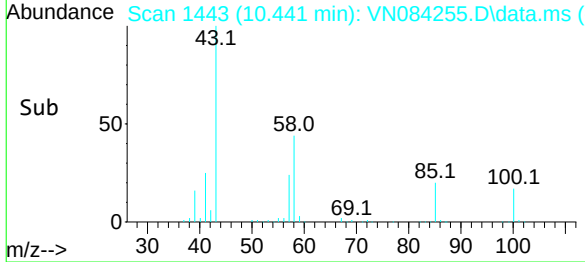
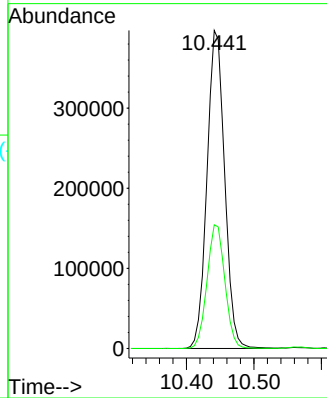
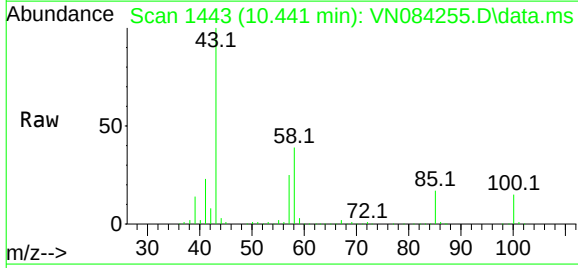
#51
4-Methyl-2-Pentanone
Concen: 274.089 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN084255.D
Acq: 01 Oct 2024 21:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 721912
Ion Ratio Lower Upper
43 100
58 39.2 31.6 47.4

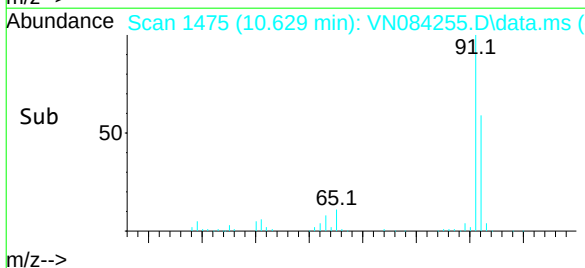
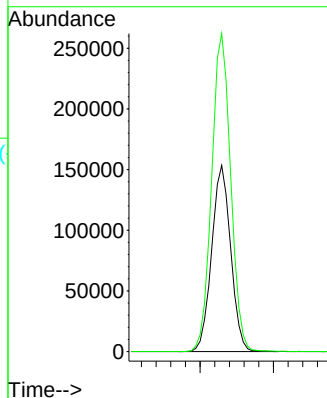
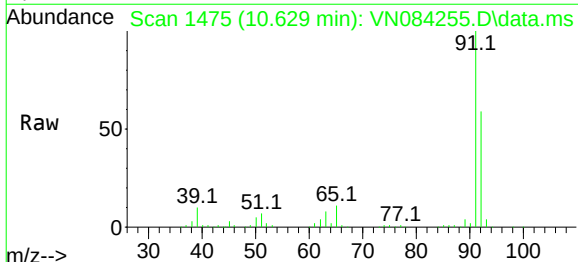
Manual Integrations
APPROVED

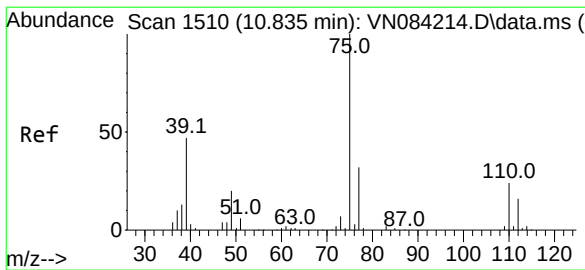
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#52
Toluene
Concen: 53.877 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN084255.D
Acq: 01 Oct 2024 21:30

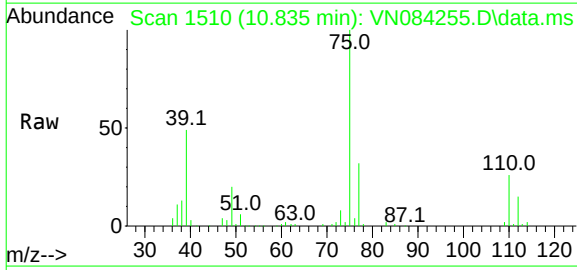
Tgt Ion: 92 Resp: 276062
Ion Ratio Lower Upper
92 100
91 171.1 137.3 205.9





#53
t-1,3-Dichloropropene
Concen: 52.022 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN084255.D
Acq: 01 Oct 2024 21:30

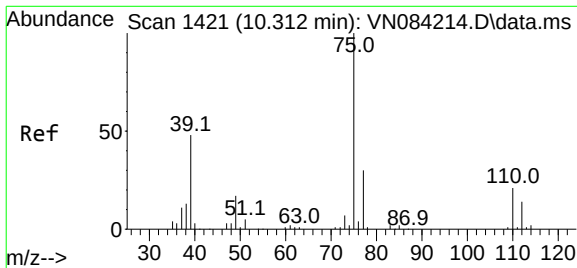
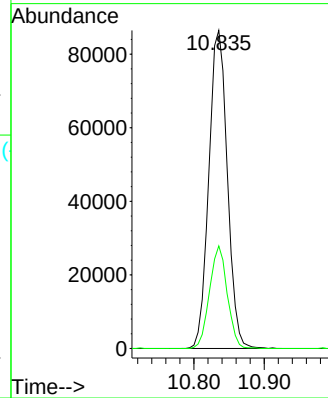
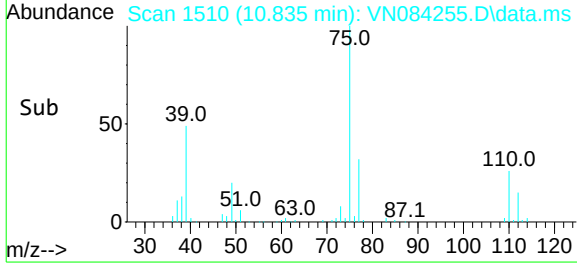
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 158036
Ion Ratio Lower Upper
75 100
77 32.3 25.4 38.0

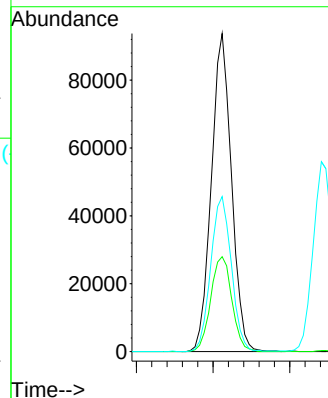
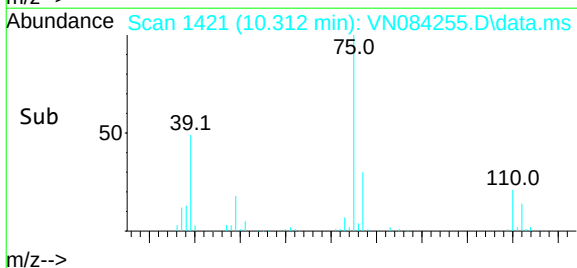
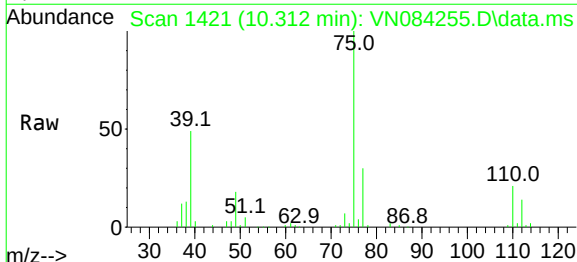
Manual Integrations
APPROVED

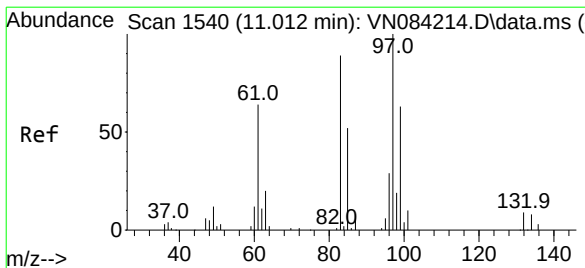
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#54
cis-1,3-Dichloropropene
Concen: 52.182 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN084255.D
Acq: 01 Oct 2024 21:30

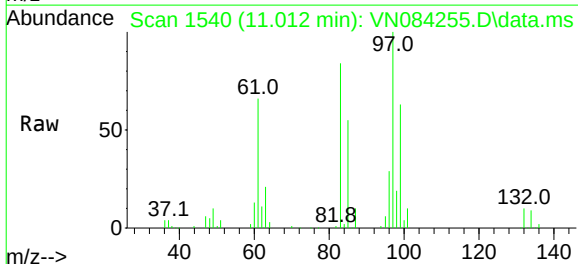
Tgt Ion: 75 Resp: 170509
Ion Ratio Lower Upper
75 100
77 29.8 24.2 36.2
39 48.7 38.7 58.1





#55
1,1,2-Trichloroethane
Concen: 54.552 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VN084255.D
Acq: 01 Oct 2024 21:30

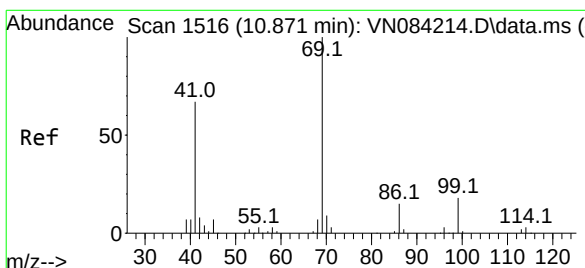
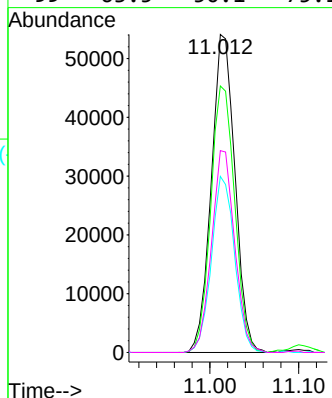
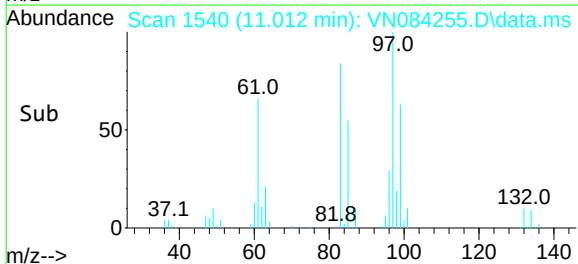
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:	97	Resp:	100205
Ion	Ratio	Lower	Upper
97	100		
83	83.8	71.0	106.4
85	55.4	41.7	62.5
99	63.5	50.1	75.1

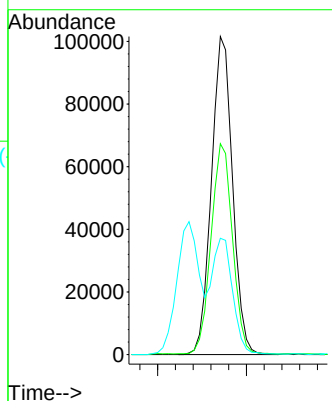
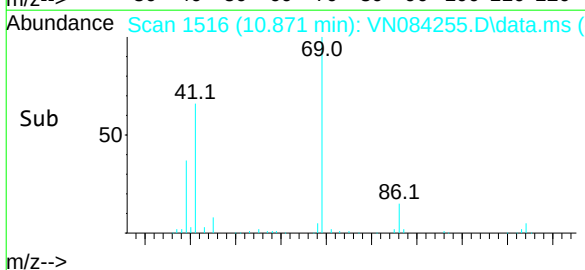
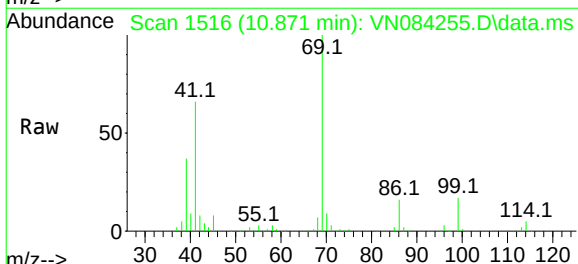
Manual Integrations
APPROVED

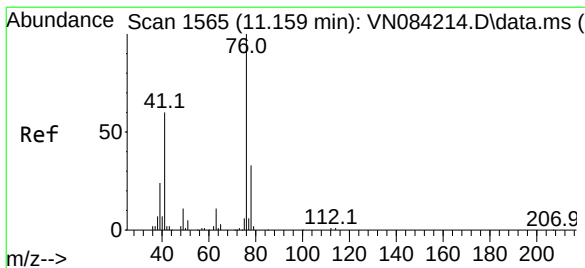
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#56
Ethyl methacrylate
Concen: 55.591 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN084255.D
Acq: 01 Oct 2024 21:30

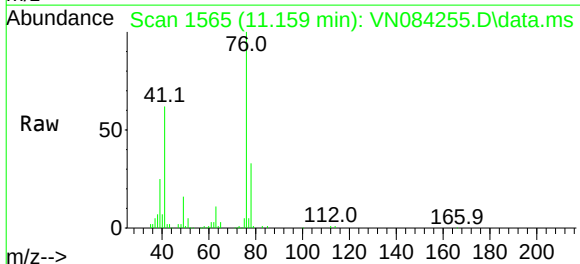
Tgt Ion:	69	Resp:	168024
Ion	Ratio	Lower	Upper
69	100		
41	66.9	53.3	79.9
39	36.1	28.8	43.2





#57
1,3-Dichloropropane
Concen: 52.979 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN084255.D
Acq: 01 Oct 2024 21:30

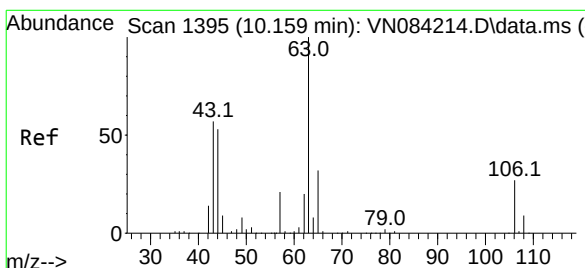
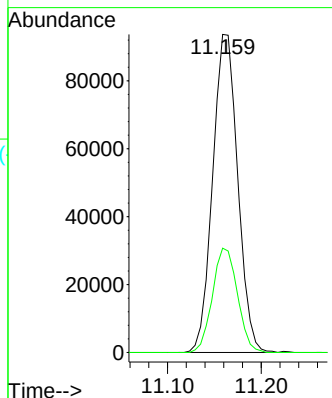
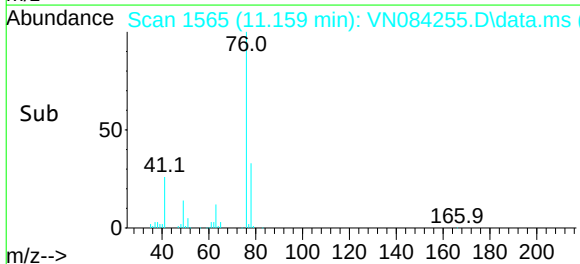
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 173891
Ion Ratio Lower Upper
76 100
78 32.7 25.8 38.6

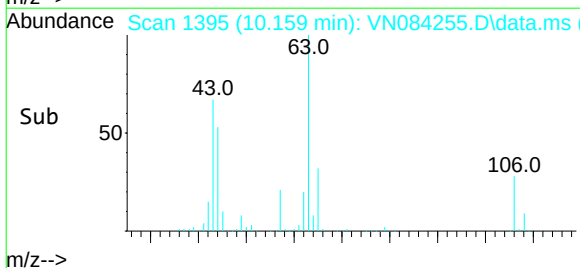
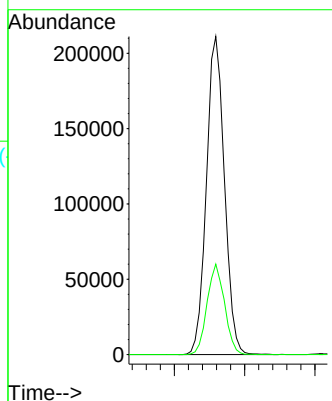
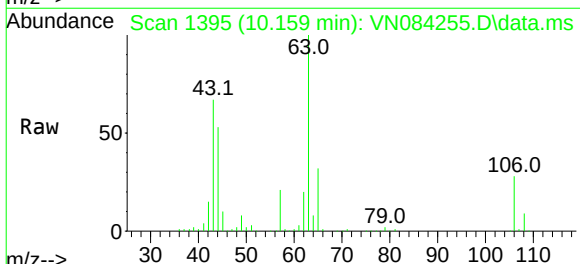
Manual Integrations
APPROVED

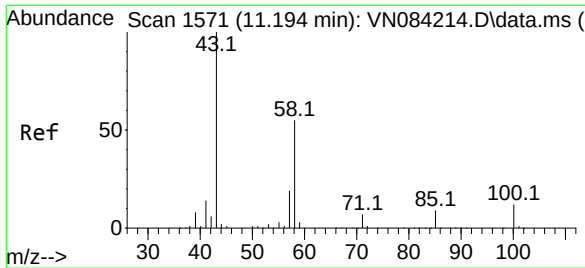
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#58
2-Chloroethyl Vinyl ether
Concen: 267.965 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN084255.D
Acq: 01 Oct 2024 21:30

Tgt Ion: 63 Resp: 375717
Ion Ratio Lower Upper
63 100
106 27.6 21.8 32.6





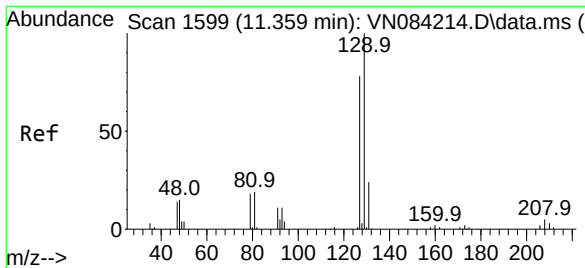
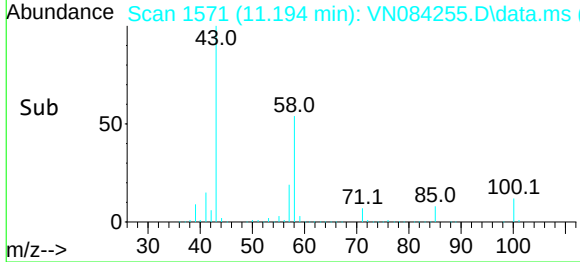
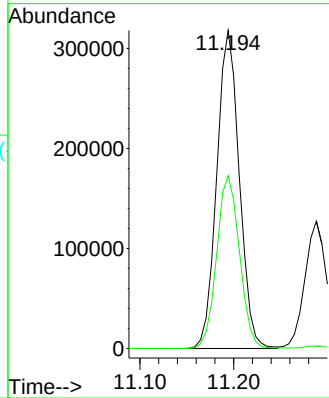
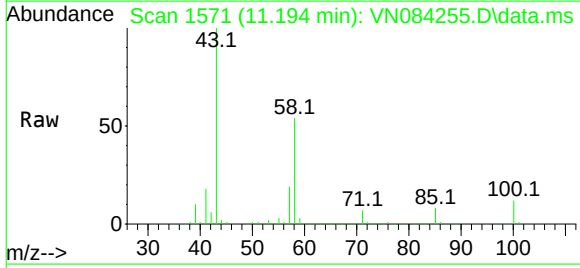
#59
2-Hexanone
Concen: 269.235 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN084255.D
Acq: 01 Oct 2024 21:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 530012
Ion Ratio Lower Upper
43 100
58 54.9 27.3 81.8

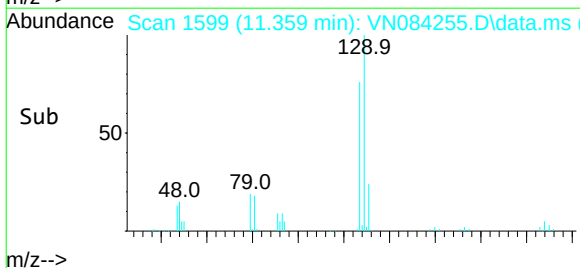
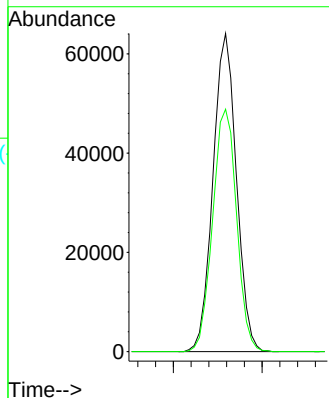
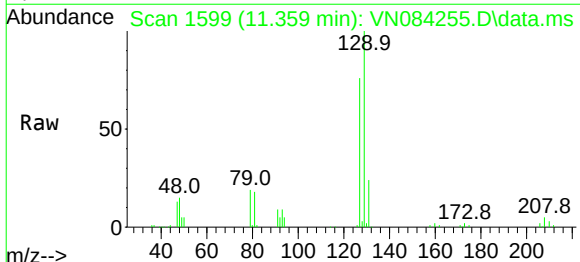
Manual Integrations
APPROVED

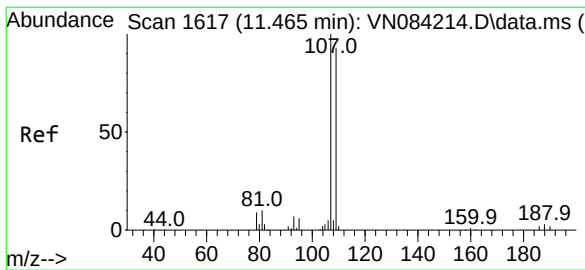
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#60
Dibromochloromethane
Concen: 54.106 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN084255.D
Acq: 01 Oct 2024 21:30

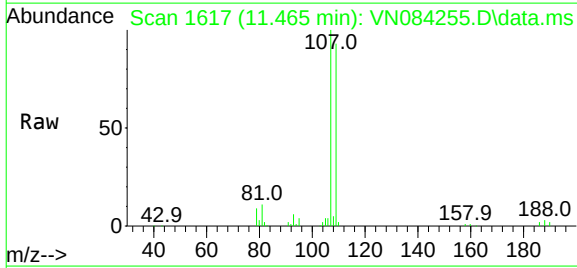
Tgt Ion:129 Resp: 117429
Ion Ratio Lower Upper
129 100
127 77.9 38.3 114.9





#61
1,2-Dibromoethane
Concen: 52.118 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN084255.D
Acq: 01 Oct 2024 21:30

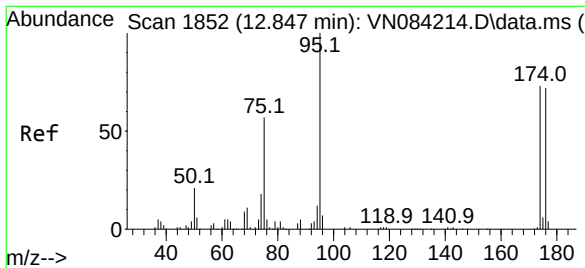
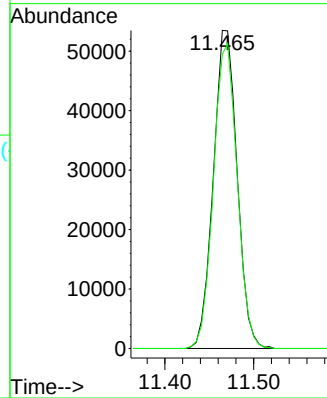
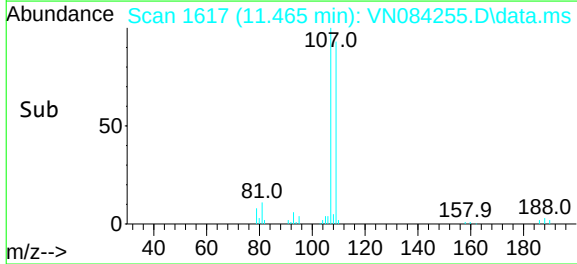
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



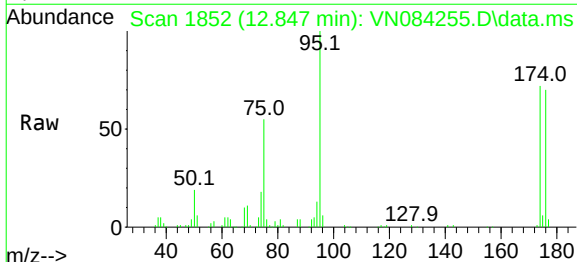
Tgt Ion: 107 Resp: 99477
Ion Ratio Lower Upper
107 100
109 95.7 75.4 113.0

Manual Integrations
APPROVED

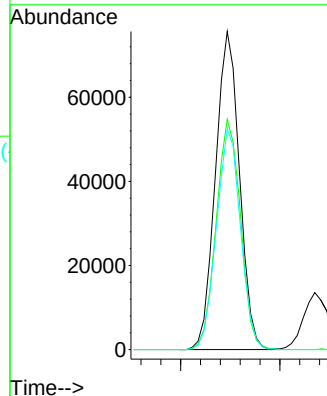
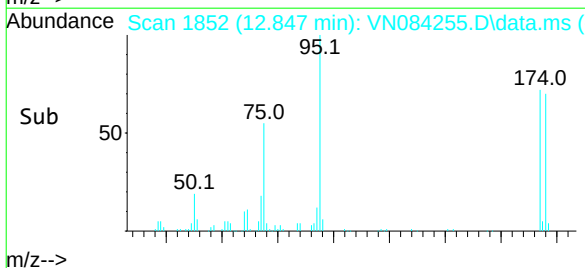
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024

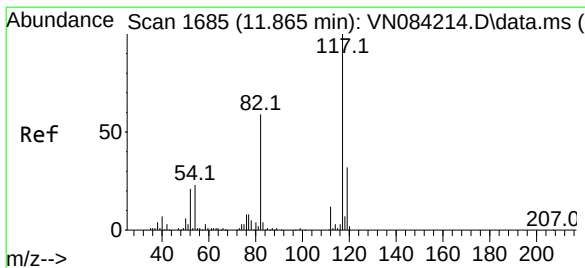


#62
4-Bromofluorobenzene
Concen: 51.039 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084255.D
Acq: 01 Oct 2024 21:30



Tgt Ion: 95 Resp: 127015
Ion Ratio Lower Upper
95 100
174 73.3 0.0 145.2
176 69.7 0.0 140.0





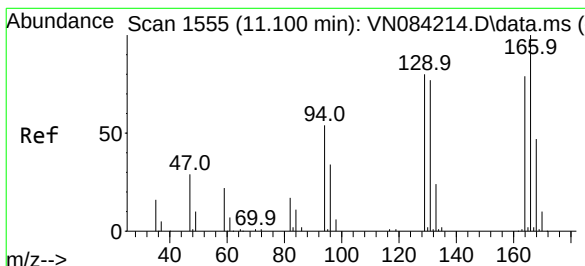
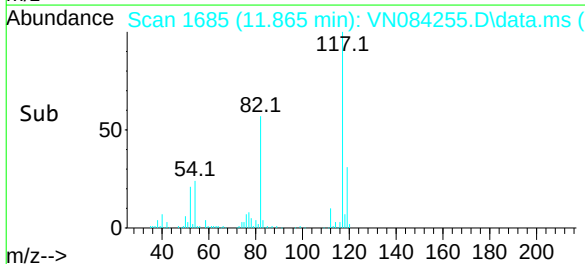
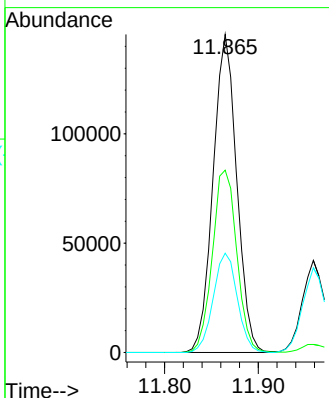
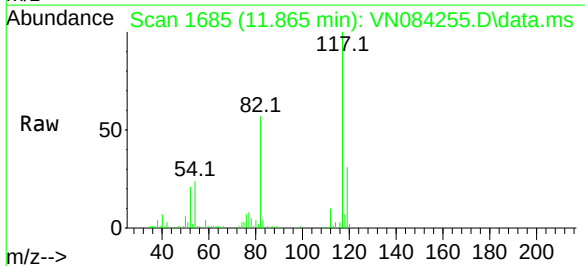
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN084255.D
Acq: 01 Oct 2024 21:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	117	Resp:	255401
Ion	Ratio	Lower	Upper
117	100		
82	57.3	47.2	70.8
119	31.2	25.4	38.0

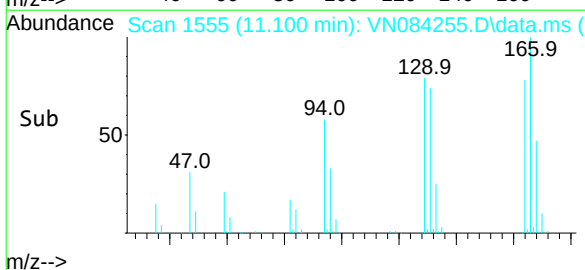
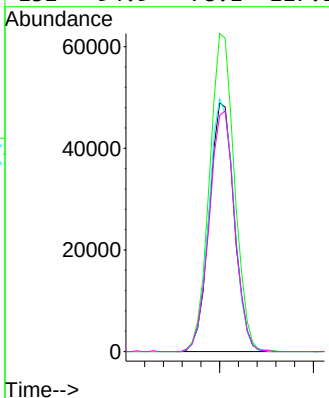
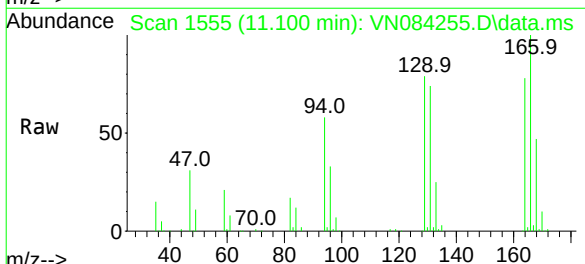
Manual Integrations
APPROVED

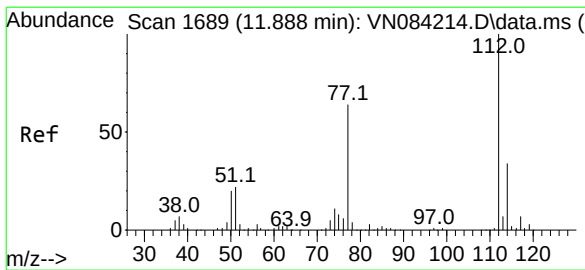
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#64
Tetrachloroethene
Concen: 50.862 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN084255.D
Acq: 01 Oct 2024 21:30

Tgt Ion:	164	Resp:	90479
Ion	Ratio	Lower	Upper
164	100		
166	127.9	101.0	151.4
129	101.7	80.8	121.2
131	94.9	78.1	117.1





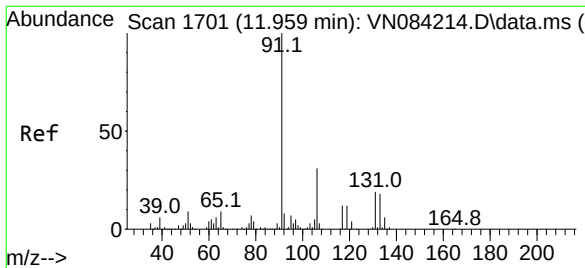
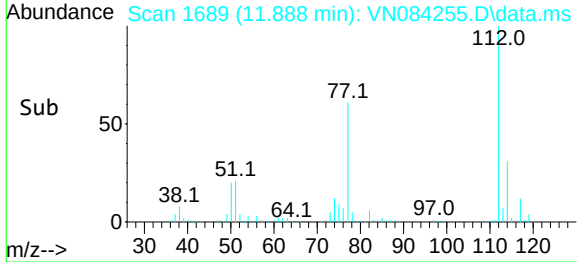
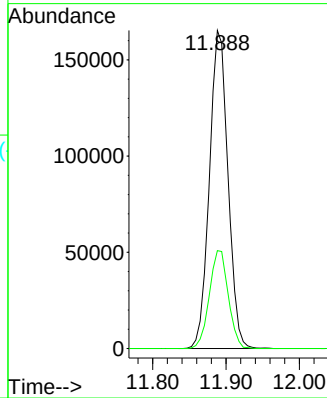
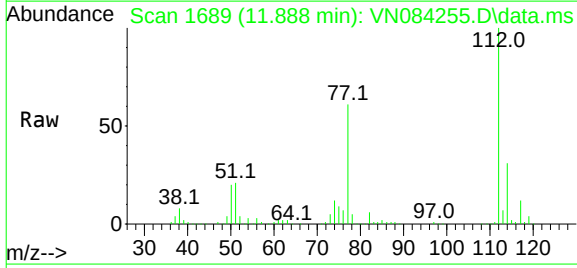
#65
Chlorobenzene
Concen: 51.169 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN084255.D
Acq: 01 Oct 2024 21:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 289762
Ion Ratio Lower Upper
112 100
114 30.8 27.0 40.6

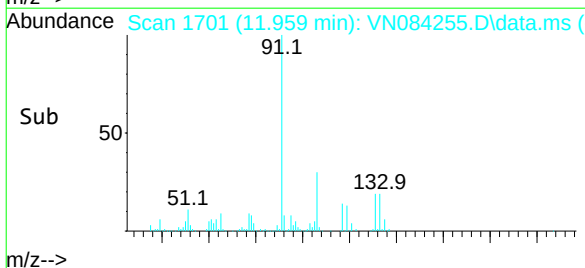
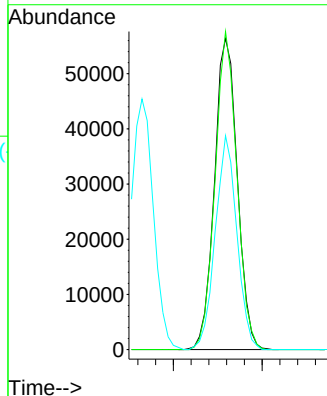
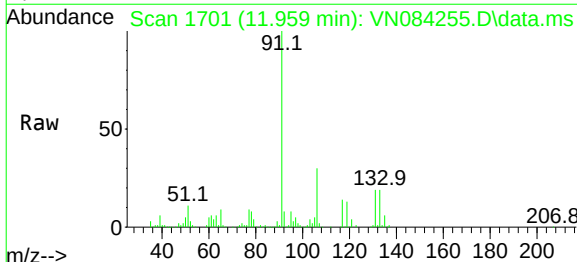
Manual Integrations
APPROVED

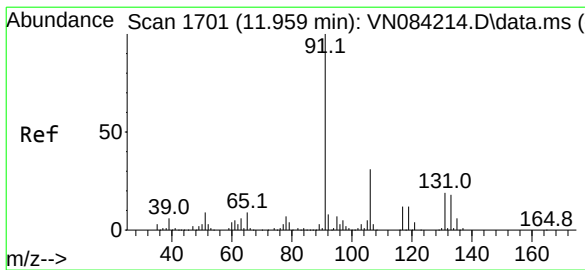
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 51.806 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN084255.D
Acq: 01 Oct 2024 21:30

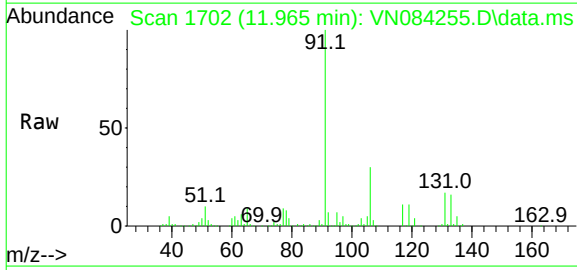
Tgt Ion:131 Resp: 101047
Ion Ratio Lower Upper
131 100
133 97.3 47.9 143.7
119 64.8 32.8 98.3





#67
Ethyl Benzene
Concen: 52.219 ug/l
RT: 11.965 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VN084255.D
Acq: 01 Oct 2024 21:30

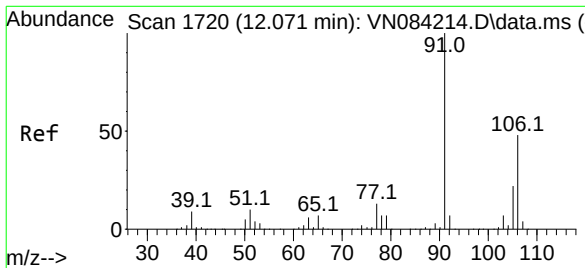
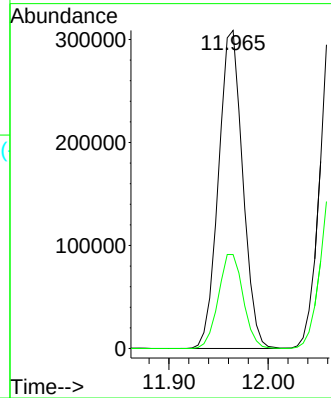
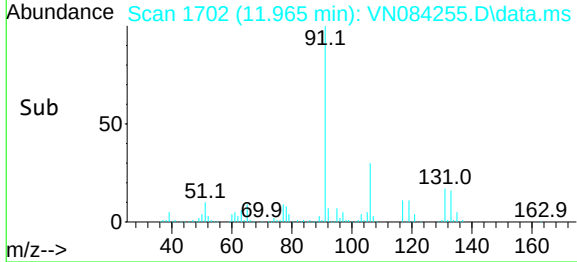
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 522948
Ion Ratio Lower Upper
91 100
106 29.5 24.5 36.7

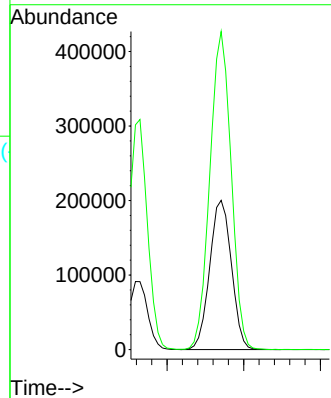
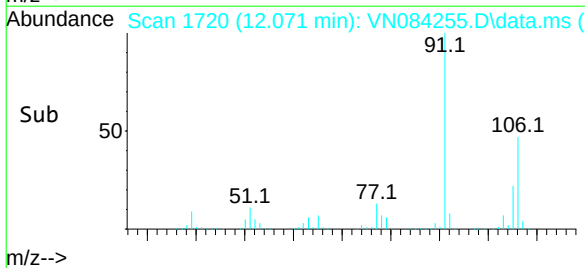
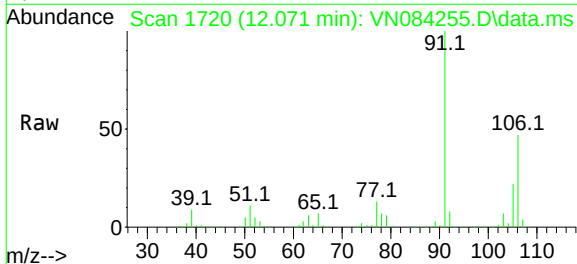
Manual Integrations
APPROVED

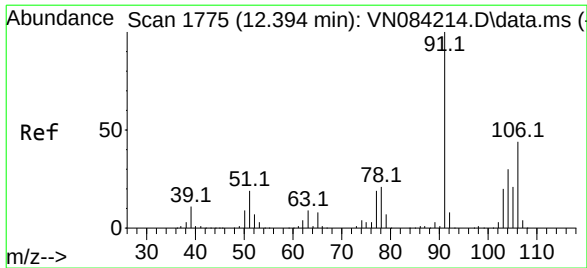
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#68
m/p-Xylenes
Concen: 106.503 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN084255.D
Acq: 01 Oct 2024 21:30

Tgt Ion:106 Resp: 394536
Ion Ratio Lower Upper
106 100
91 208.9 167.1 250.7





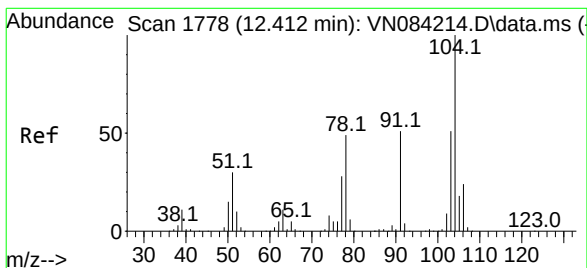
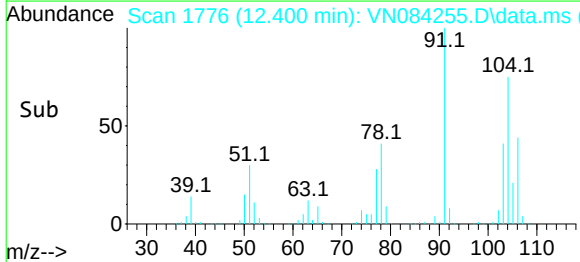
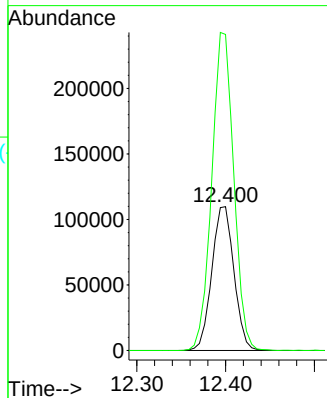
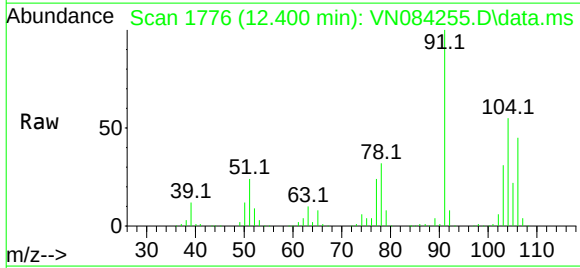
#69
o-Xylene
Concen: 54.220 ug/l
RT: 12.400 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VN084255.D
Acq: 01 Oct 2024 21:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 190035
Ion Ratio Lower Upper
106 100
91 219.6 110.2 330.6

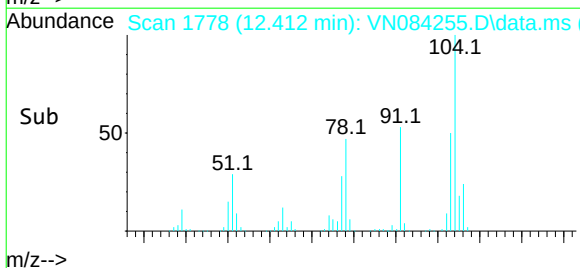
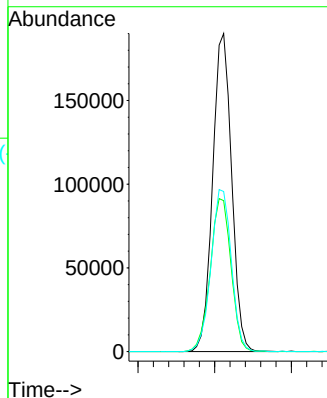
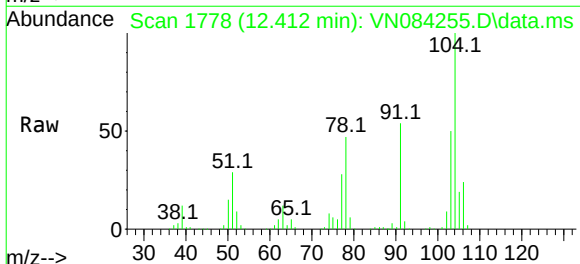
Manual Integrations
APPROVED

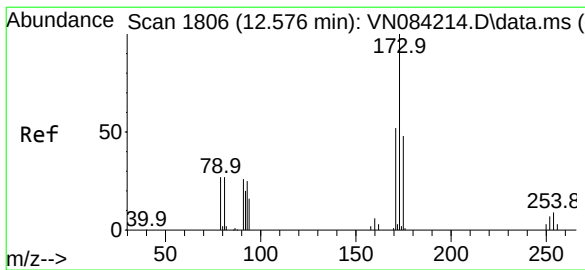
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#70
Styrene
Concen: 55.016 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN084255.D
Acq: 01 Oct 2024 21:30

Tgt Ion:104 Resp: 326604
Ion Ratio Lower Upper
104 100
78 52.6 42.7 64.1
103 54.7 43.6 65.4





#71

Bromoform

Concen: 53.888 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VN084255.D

Acq: 01 Oct 2024 21:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

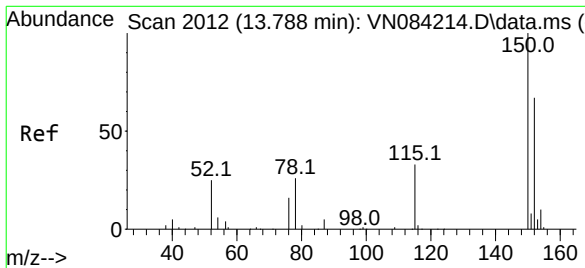
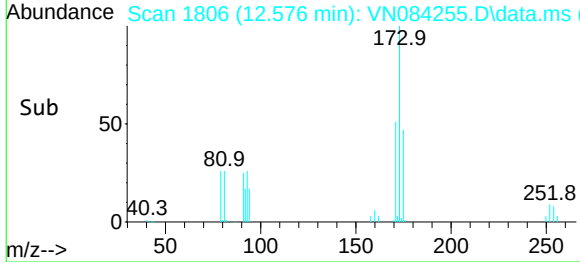
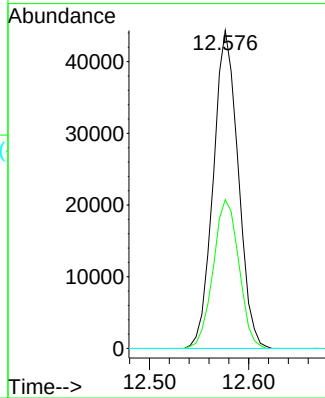
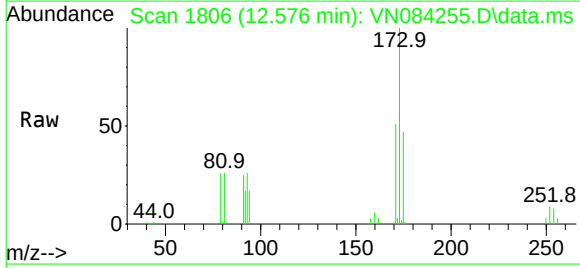
Tgt Ion:	173	Resp:	77384
Ion Ratio	Lower	Upper	
173	100		
175	48.2	23.5	70.6
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/02/2024

Supervised By :Semsettin Yesilyurt 10/02/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

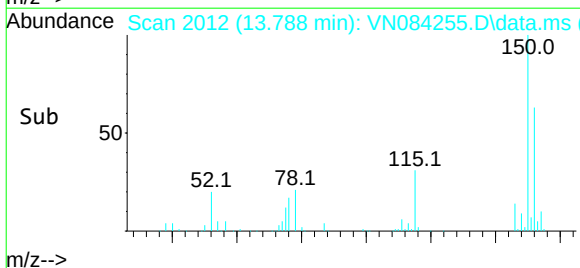
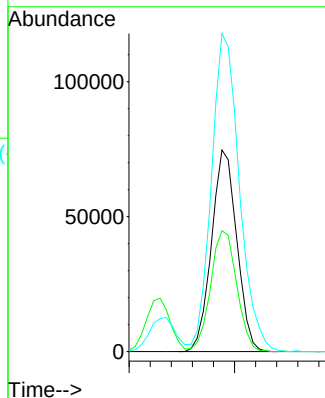
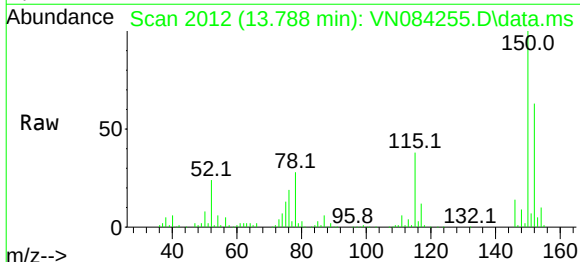
RT: 13.788 min Scan# 2012

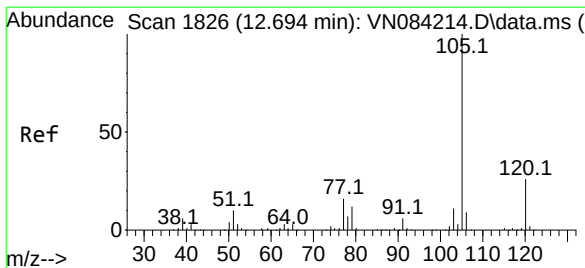
Delta R.T. 0.000 min

Lab File: VN084255.D

Acq: 01 Oct 2024 21:30

Tgt Ion:	152	Resp:	124395
Ion Ratio	Lower	Upper	
152	100		
115	62.1	31.3	93.9
150	174.8	0.0	349.8





#73

Isopropylbenzene

Concen: 51.406 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN084255.D

Acq: 01 Oct 2024 21:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 105 Resp: 487971

Ion Ratio Lower Upper

105 100

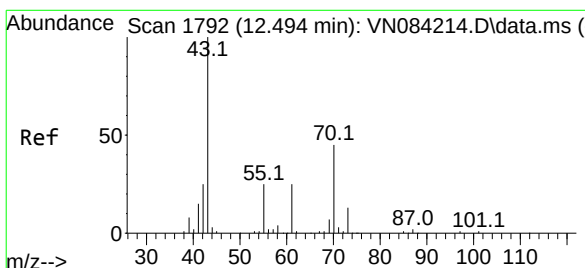
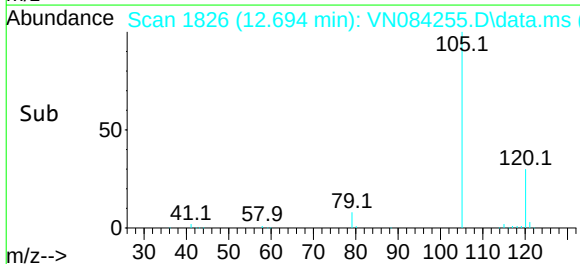
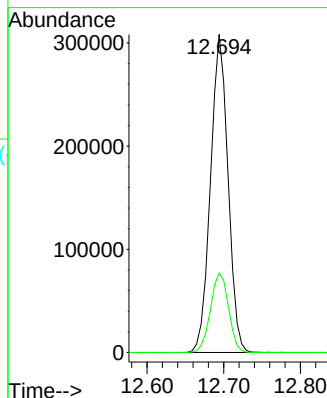
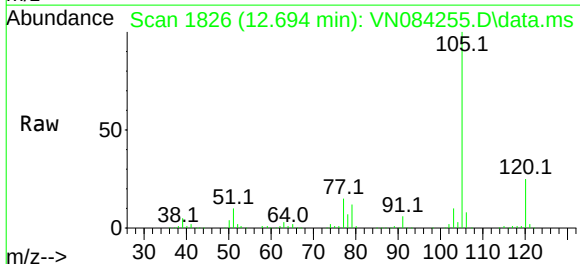
120 25.8 12.9 38.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/02/2024

Supervised By :Semsettin Yesilyurt 10/02/2024



#74

N-ethyl acetate

Concen: 50.772 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN084255.D

Acq: 01 Oct 2024 21:30

Tgt Ion: 43 Resp: 218245

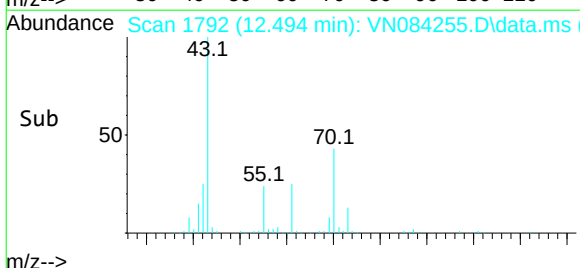
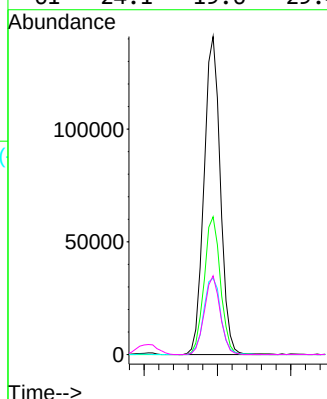
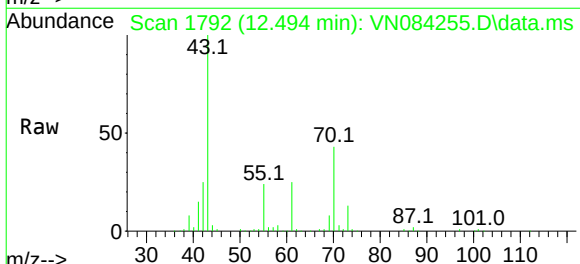
Ion Ratio Lower Upper

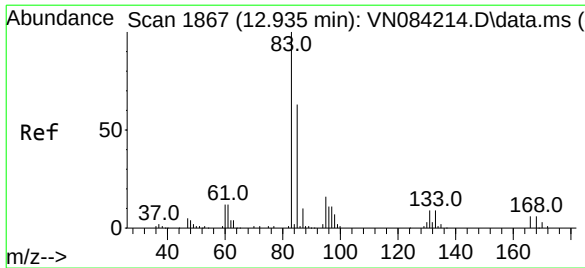
43 100

70 43.2 34.4 51.6

55 25.2 19.6 29.4

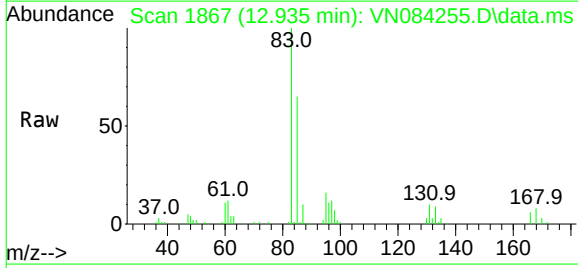
61 24.1 19.6 29.4





#75
1,1,2,2-Tetrachloroethane
Concen: 49.600 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN084255.D
Acq: 01 Oct 2024 21:30

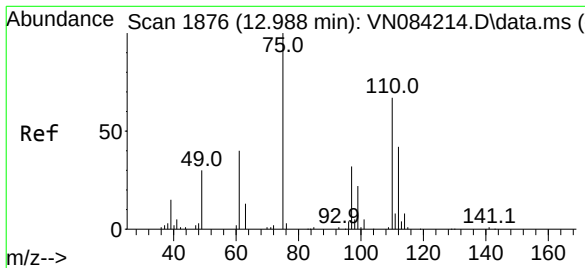
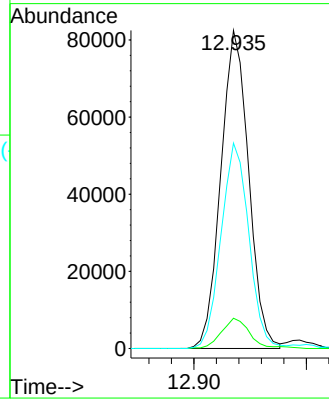
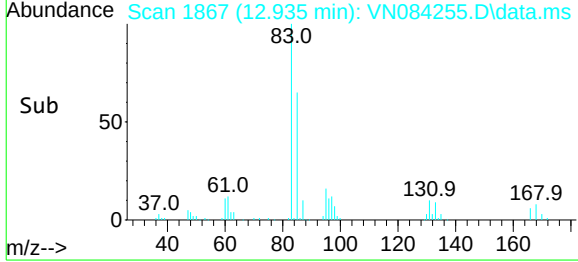
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion	83	Resp	141573
Ion	Ratio	Lower	Upper
83	100		
131	9.7	4.9	14.7
85	64.6	31.9	95.7

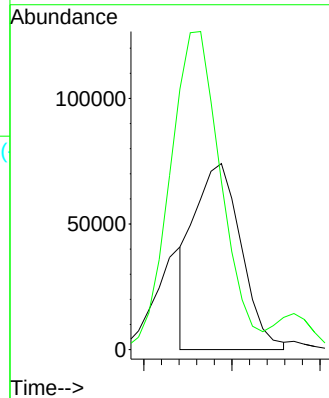
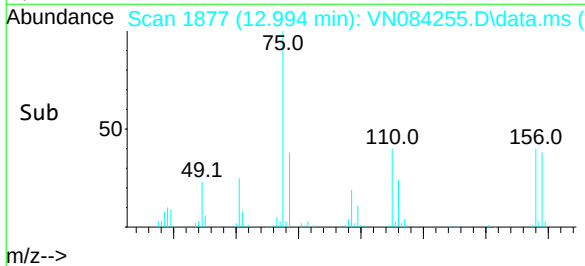
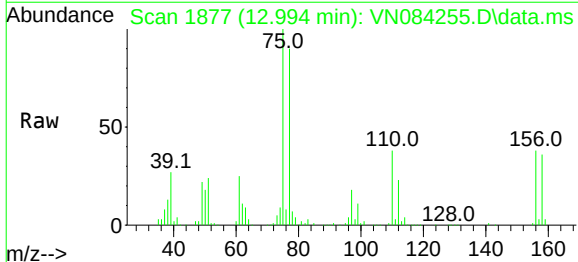
Manual Integrations
APPROVED

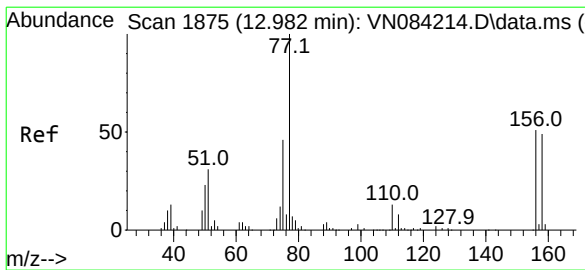
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#76
1,2,3-Trichloropropane
Concen: 54.150 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN084255.D
Acq: 01 Oct 2024 21:30

Tgt Ion	75	Resp	137518
Ion	Ratio	Lower	Upper
75	100		
77	185.8	96.9	290.7





#77

Bromobenzene

Concen: 50.181 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN084255.D

Acq: 01 Oct 2024 21:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

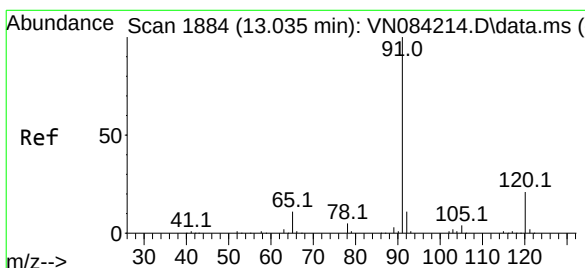
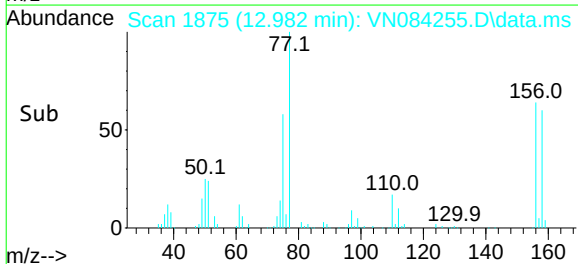
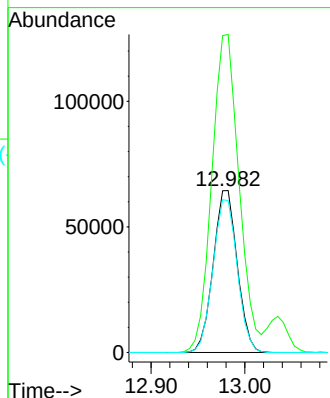
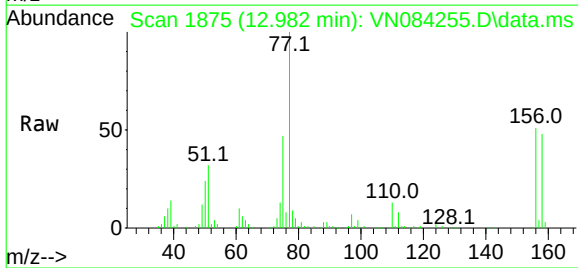
Tgt Ion:	156	Resp:	114900
Ion Ratio	Lower	Upper	
156	100		
77	222.4	115.1	345.3
158	95.2	48.9	146.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/02/2024

Supervised By :Semsettin Yesilyurt 10/02/2024



#78

n-propylbenzene

Concen: 52.479 ug/l

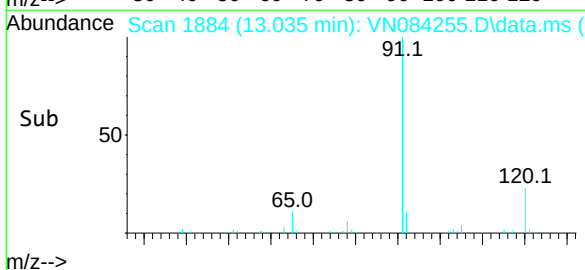
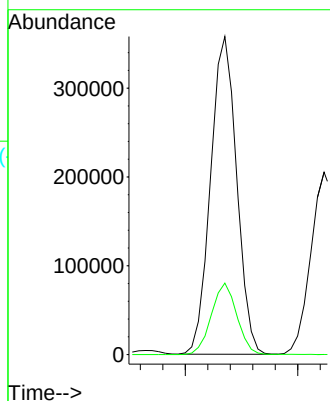
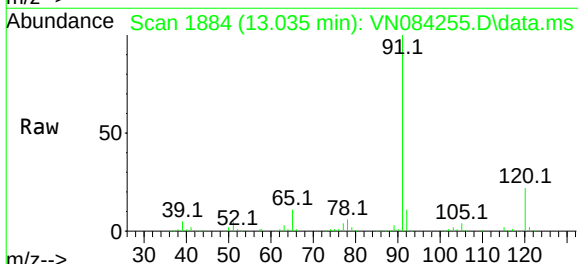
RT: 13.035 min Scan# 1884

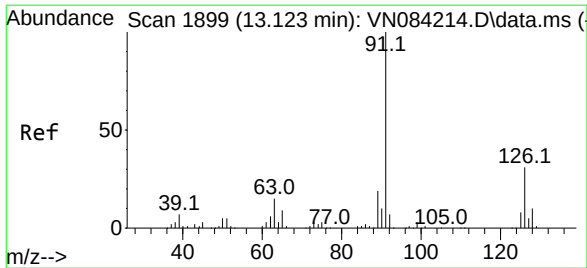
Delta R.T. 0.000 min

Lab File: VN084255.D

Acq: 01 Oct 2024 21:30

Tgt Ion:	91	Resp:	577170
Ion Ratio	Lower	Upper	
91	100		
120	21.9	10.8	32.4





#79

2-Chlorotoluene

Concen: 50.123 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VN084255.D

Acq: 01 Oct 2024 21:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 351757

Ion Ratio Lower Upper

91 100

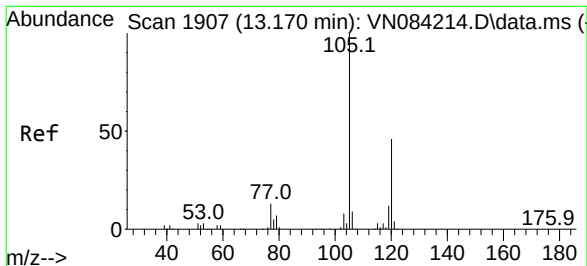
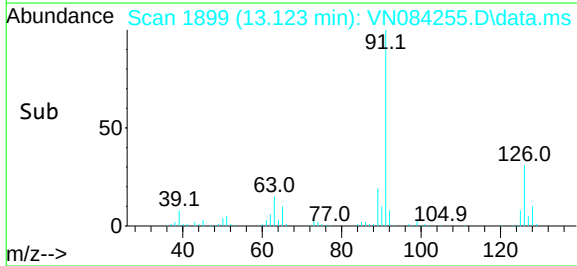
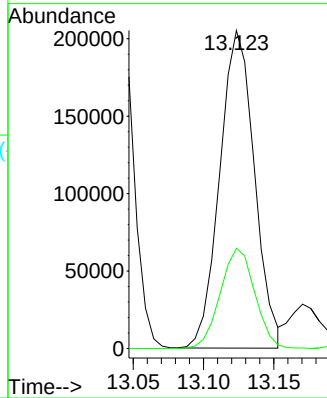
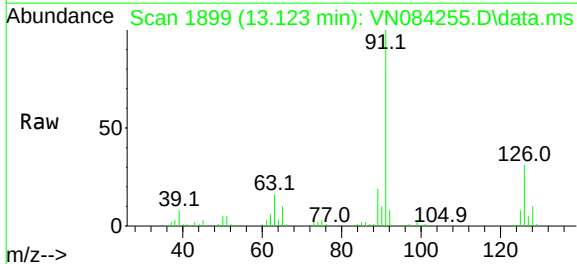
126 31.3 15.7 47.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/02/2024

Supervised By :Semsettin Yesilyurt 10/02/2024



#80

1,3,5-Trimethylbenzene

Concen: 53.452 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN084255.D

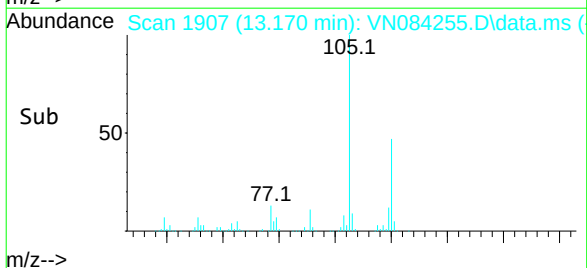
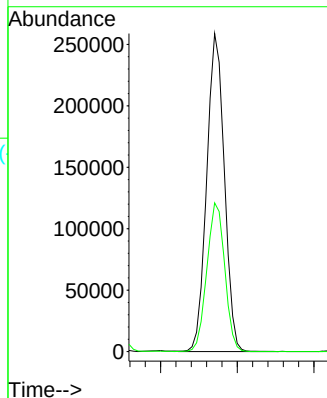
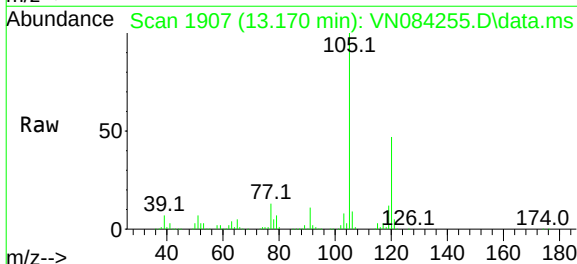
Acq: 01 Oct 2024 21:30

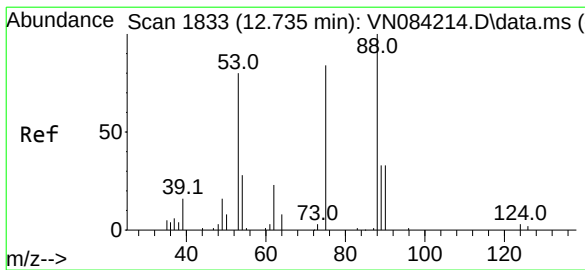
Tgt Ion:105 Resp: 413886

Ion Ratio Lower Upper

105 100

120 47.5 23.7 71.1





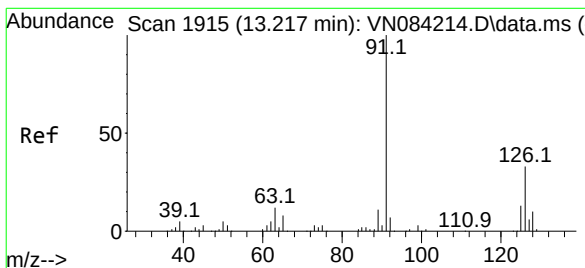
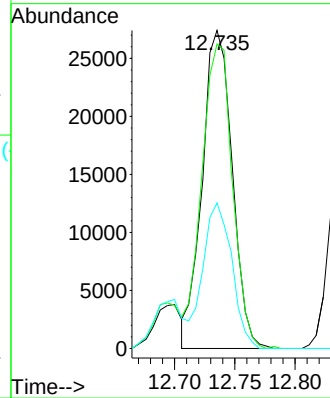
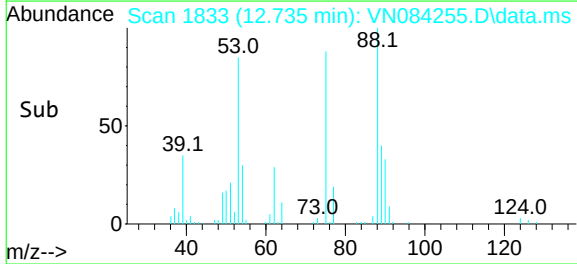
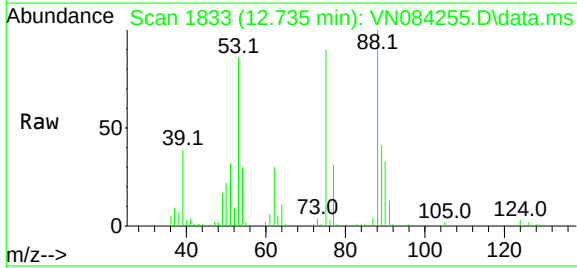
#81
trans-1,4-Dichloro-2-butene
Concen: 44.868 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN084255.D
Acq: 01 Oct 2024 21:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 47528
Ion Ratio Lower Upper
75 100
53 98.3 78.0 117.0
89 43.6 35.5 53.3

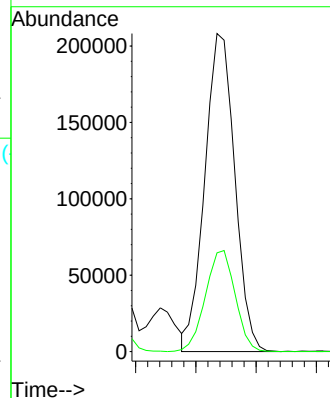
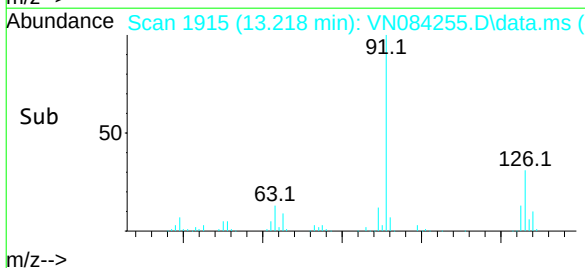
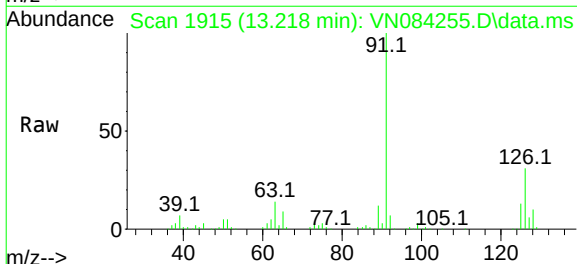
Manual Integrations
APPROVED

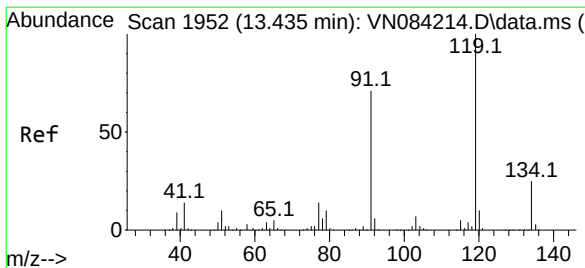
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#82
4-Chlorotoluene
Concen: 51.014 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN084255.D
Acq: 01 Oct 2024 21:30

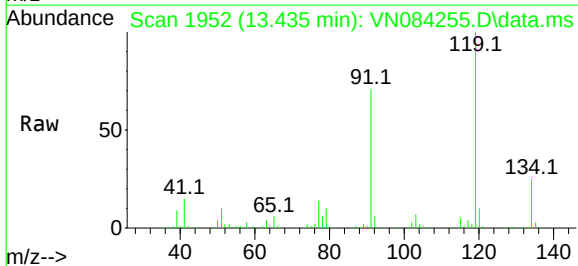
Tgt Ion: 91 Resp: 360401
Ion Ratio Lower Upper
91 100
126 31.6 15.7 47.1





#83
tert-Butylbenzene
Concen: 51.789 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN084255.D
Acq: 01 Oct 2024 21:30

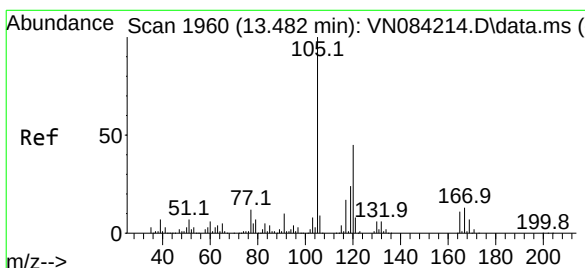
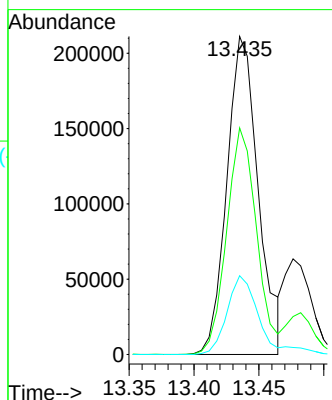
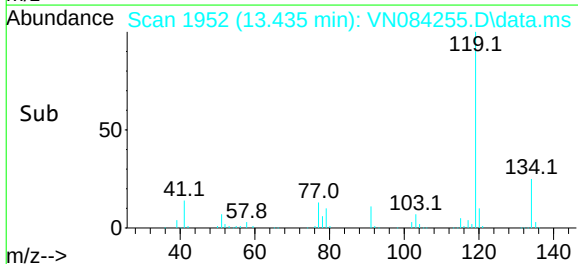
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



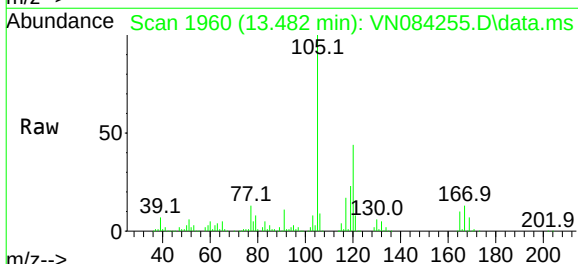
Tgt Ion:119 Resp: 356415
Ion Ratio Lower Upper
119 100
91 67.8 34.1 102.3
134 25.4 12.8 38.4

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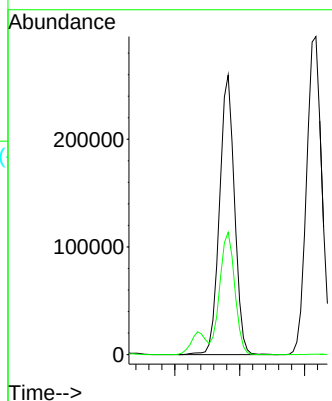
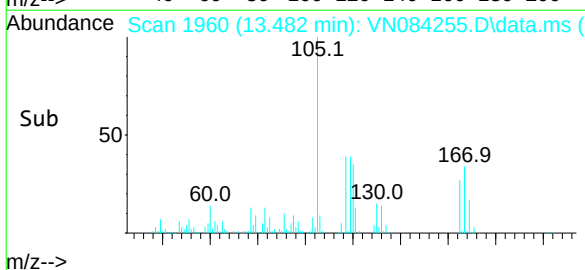
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024

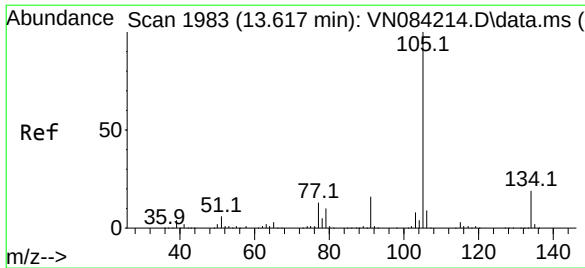


#84
1,2,4-Trimethylbenzene
Concen: 53.334 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN084255.D
Acq: 01 Oct 2024 21:30



Tgt Ion:105 Resp: 416021
Ion Ratio Lower Upper
105 100
120 43.9 22.3 66.8





#85
sec-Butylbenzene
Concen: 52.419 ug/l
RT: 13.617 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VN084255.D
Acq: 01 Oct 2024 21:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

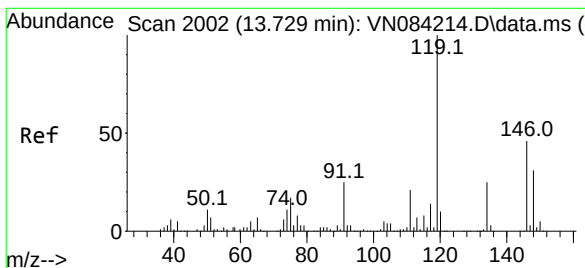
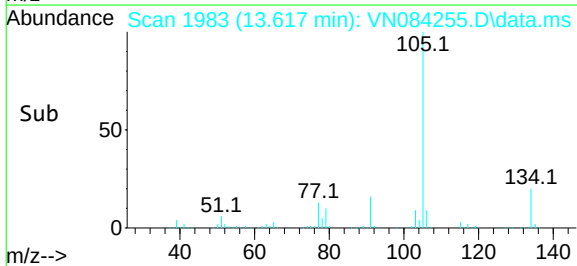
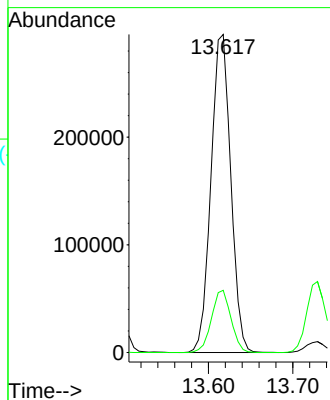
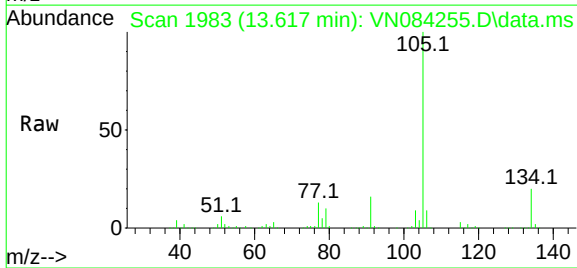
Tgt Ion:105 Resp: 481396
Ion Ratio Lower Upper
105 100
134 19.2 9.8 29.4

Manual Integrations

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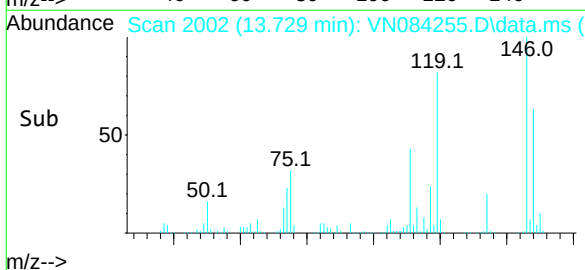
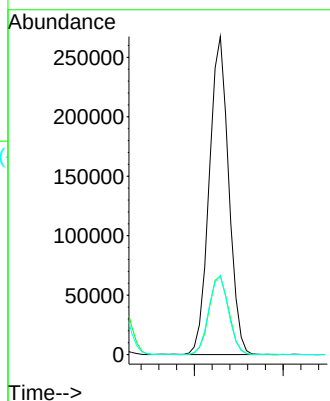
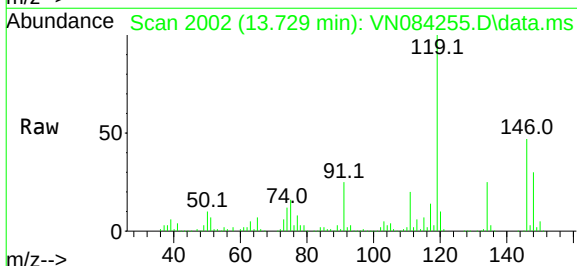
Reviewed By :John Carlone 10/02/2024

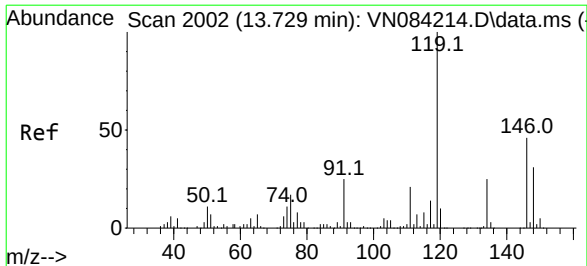
Supervised By :Semsettin Yesilyurt 10/02/2024



#86
p-Isopropyltoluene
Concen: 53.718 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN084255.D
Acq: 01 Oct 2024 21:30

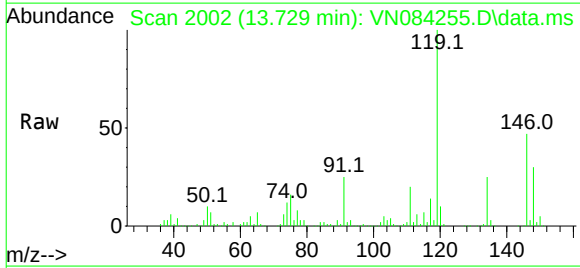
Tgt Ion:119 Resp: 407937
Ion Ratio Lower Upper
119 100
134 25.3 12.6 37.8
91 25.1 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 50.001 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN084255.D
Acq: 01 Oct 2024 21:30

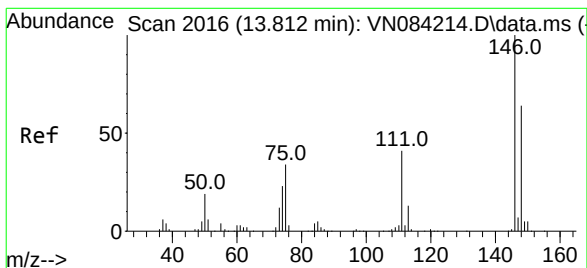
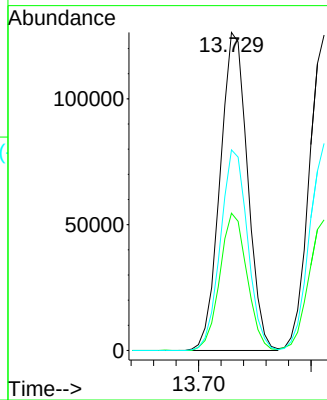
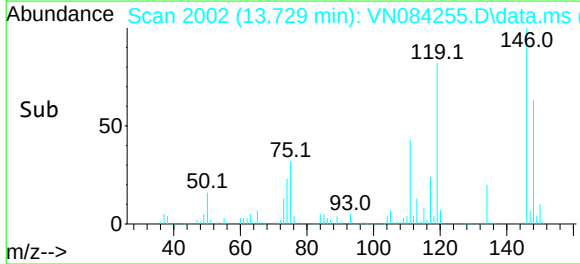
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 214776
Ion Ratio Lower Upper
146 100
111 42.6 21.8 65.3
148 62.4 31.9 95.7

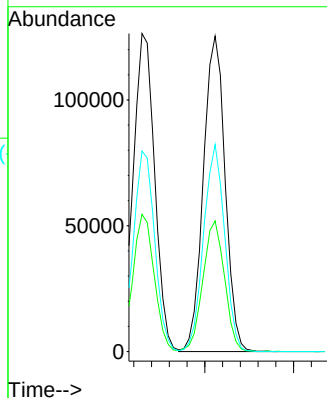
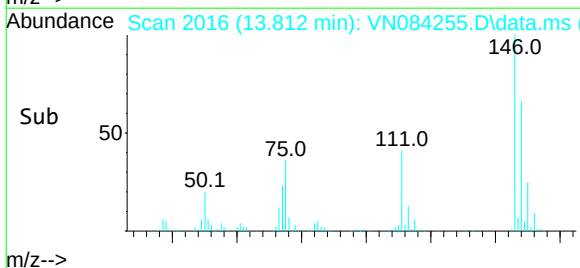
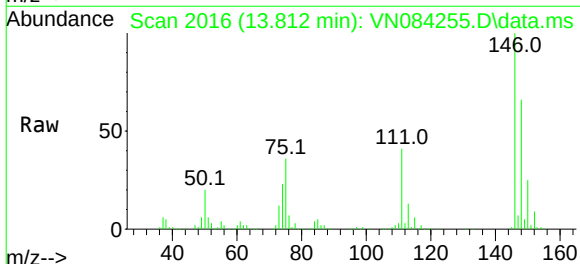
Manual Integrations
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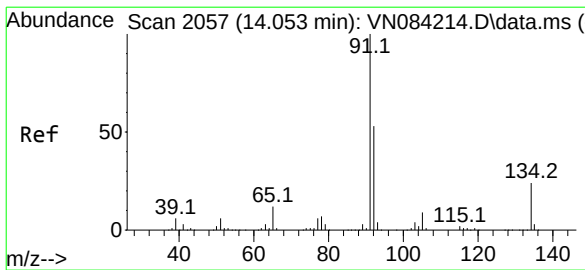
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#88
1,4-Dichlorobenzene
Concen: 49.250 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN084255.D
Acq: 01 Oct 2024 21:30

Tgt Ion:146 Resp: 213635
Ion Ratio Lower Upper
146 100
111 41.2 21.2 63.6
148 63.7 31.9 95.9





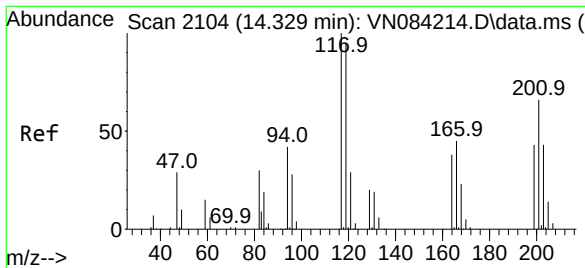
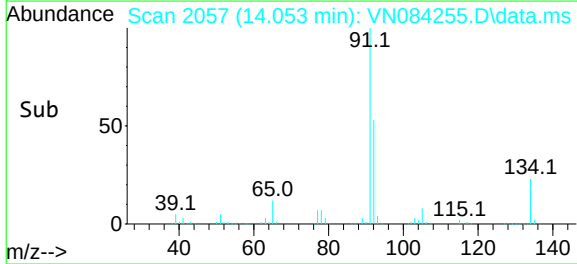
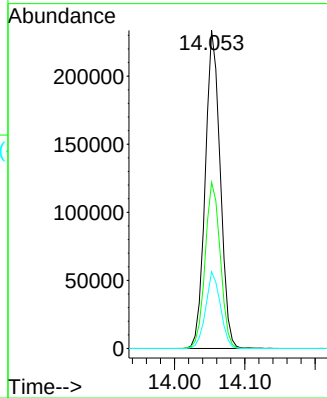
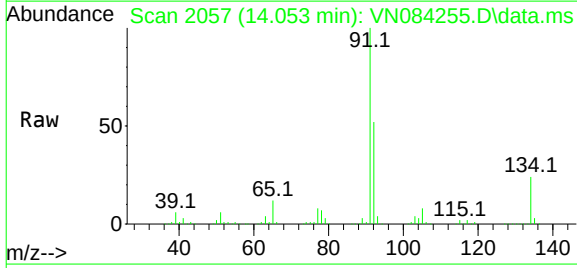
#89
n-Butylbenzene
Concen: 50.150 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN084255.D
Acq: 01 Oct 2024 21:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	91	Resp:	345331
Ion Ratio	Lower	Upper	
91	100		
92	52.8	26.6	79.7
134	23.7	12.3	36.9

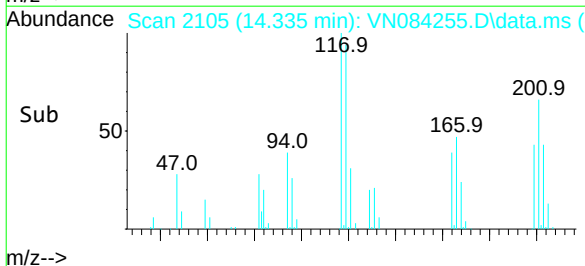
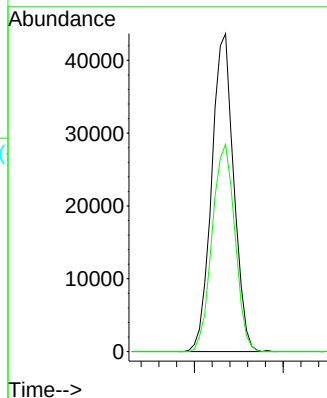
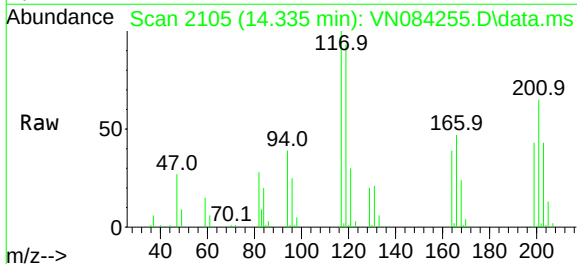
Manual Integrations
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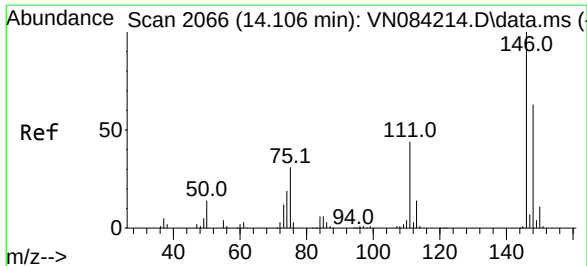
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#90
Hexachloroethane
Concen: 48.869 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VN084255.D
Acq: 01 Oct 2024 21:30

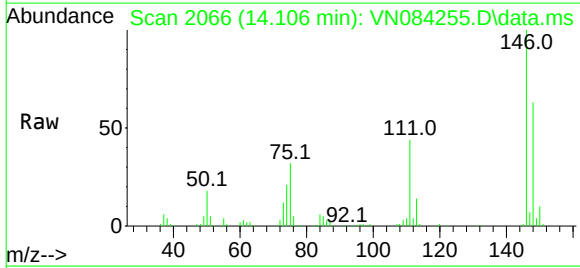
Tgt Ion:	117	Resp:	75330
Ion Ratio	Lower	Upper	
117	100		
201	67.3	34.4	103.2





#91
1,2-Dichlorobenzene
Concen: 50.342 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN084255.D
Acq: 01 Oct 2024 21:30

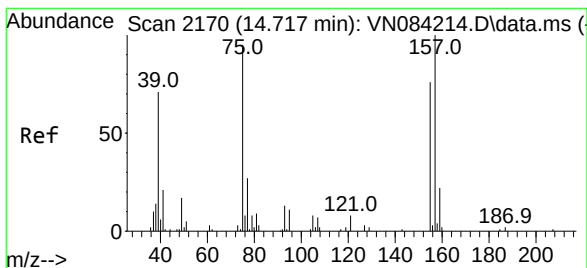
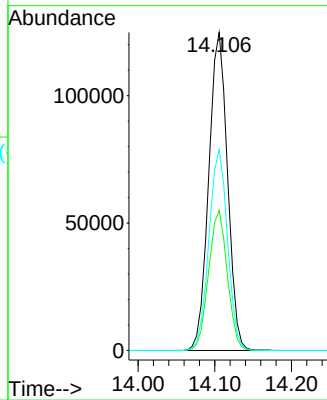
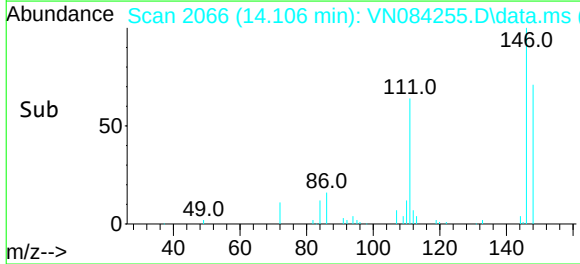
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 212034
Ion Ratio Lower Upper
146 100
111 44.0 22.0 66.0
148 62.7 32.1 96.3

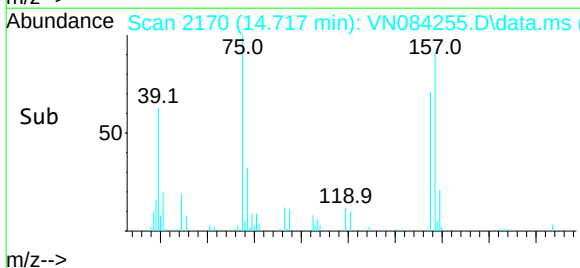
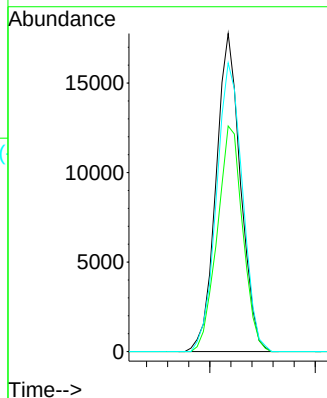
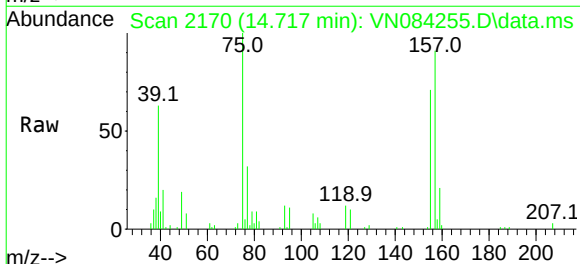
Manual Integrations
APPROVED

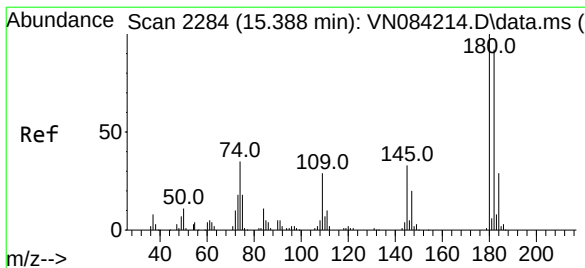
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.805 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN084255.D
Acq: 01 Oct 2024 21:30

Tgt Ion: 75 Resp: 28747
Ion Ratio Lower Upper
75 100
155 73.6 38.1 114.5
157 95.9 49.6 149.0





#93

1,2,4-Trichlorobenzene

Concen: 49.802 ug/l

RT: 15.388 min Scan# 2284

Delta R.T. 0.000 min

Lab File: VN084255.D

Acq: 01 Oct 2024 21:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

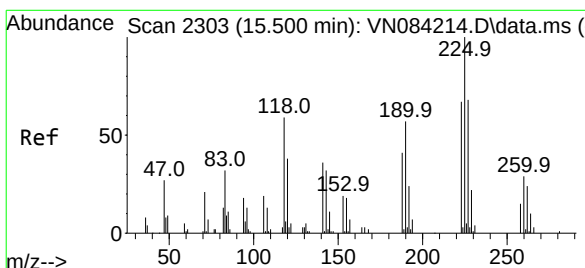
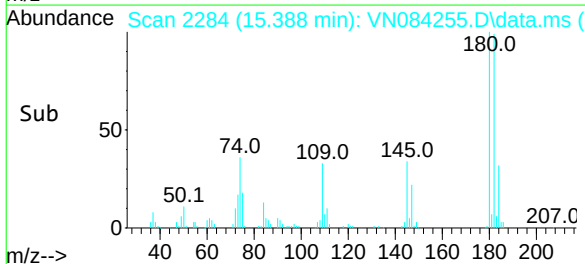
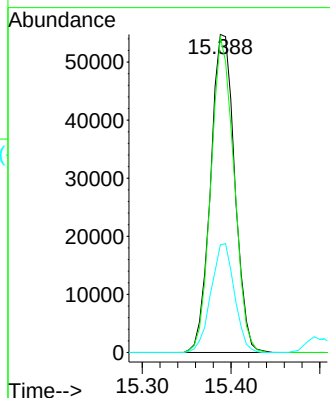
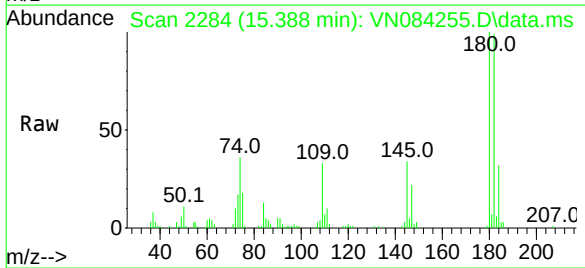
Tgt Ion:	180	Resp:	103318
Ion Ratio	Lower	Upper	
180	100		
182	94.6	47.0	141.0
145	33.3	16.4	49.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/02/2024

Supervised By :Semsettin Yesilyurt 10/02/2024



#94

Hexachlorobutadiene

Concen: 42.598 ug/l

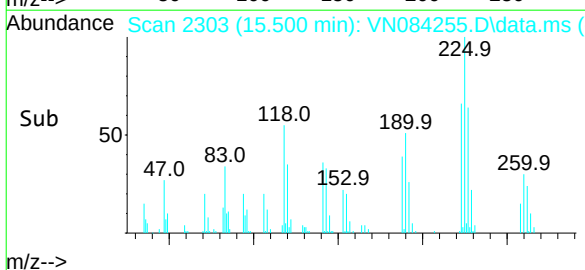
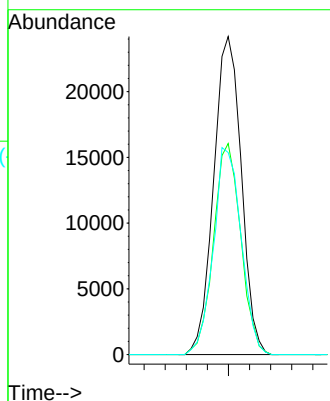
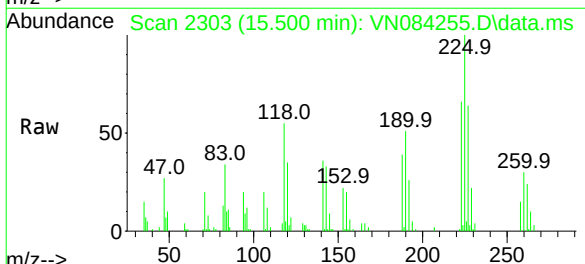
RT: 15.500 min Scan# 2303

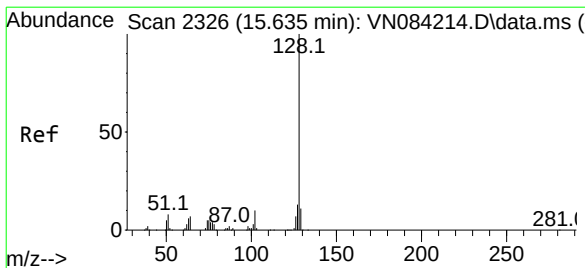
Delta R.T. 0.000 min

Lab File: VN084255.D

Acq: 01 Oct 2024 21:30

Tgt Ion:	225	Resp:	44071
Ion Ratio	Lower	Upper	
225	100		
223	65.3	32.4	97.2
227	65.4	32.4	97.0





#95

Naphthalene

Concen: 49.336 ug/l

RT: 15.641 min Scan# 2326

Delta R.T. 0.006 min

Lab File: VN084255.D

Acq: 01 Oct 2024 21:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

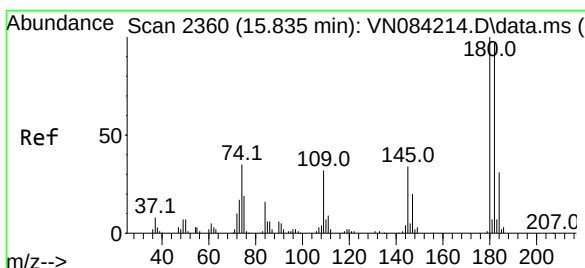
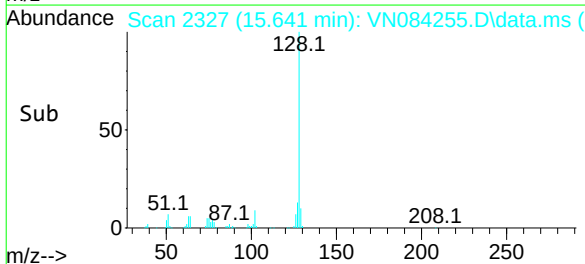
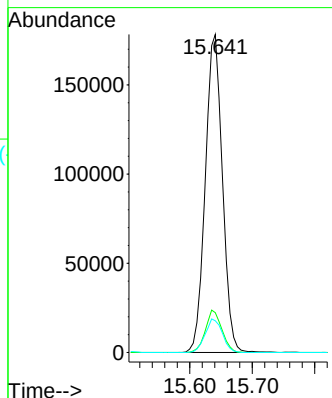
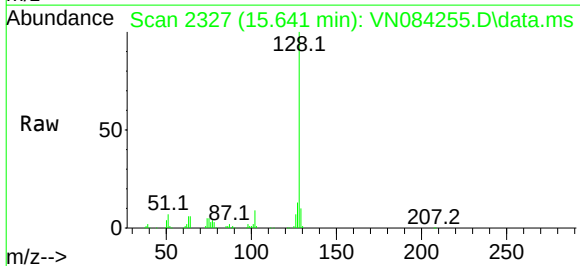
Tgt Ion:	128	Resp:	339313
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.5	15.7
129	10.6	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/02/2024

Supervised By :Semsettin Yesilyurt 10/02/2024



#96

1,2,3-Trichlorobenzene

Concen: 48.682 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN084255.D

Acq: 01 Oct 2024 21:30

Tgt Ion:	180	Resp:	101095
Ion Ratio	Lower	Upper	
180	100		
182	94.3	48.2	144.6
145	35.1	17.3	51.9

