

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100124\
 Data File : VN084231.D
 Acq On : 01 Oct 2024 11:45
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 02 01:58:34 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	160039	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	275633	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	252281	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	122160	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	129509	54.579	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	109.160%
35) Dibromofluoromethane	8.165	113	97370	53.584	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.160%
50) Toluene-d8	10.565	98	365160	54.620	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	109.240%
62) 4-Bromofluorobenzene	12.847	95	130121	53.425	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	106.860%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	92533	48.881	ug/l	97
3) Chloromethane	2.359	50	109270	50.553	ug/l	97
4) Vinyl Chloride	2.512	62	106485	50.859	ug/l	97
5) Bromomethane	2.953	94	66603	48.227	ug/l	99
6) Chloroethane	3.118	64	68244	45.512	ug/l	98
7) Trichlorofluoromethane	3.495	101	162277	49.773	ug/l	99
8) Diethyl Ether	3.959	74	60065	49.674	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.371	101	91229	48.834	ug/l	99
10) Methyl Iodide	4.589	142	122693	50.999	ug/l	96
11) Tert butyl alcohol	5.530	59	94565	241.689	ug/l	99
12) 1,1-Dichloroethene	4.342	96	89042	49.415	ug/l	91
13) Acrolein	4.177	56	117327	261.202	ug/l	96
14) Allyl chloride	5.030	41	149915	47.905	ug/l	99
15) Acrylonitrile	5.718	53	266758	269.981	ug/l	99
16) Acetone	4.424	43	233562	229.131	ug/l	100
17) Carbon Disulfide	4.712	76	262059	45.935	ug/l	99
18) Methyl Acetate	5.024	43	119807	53.925	ug/l	99
19) Methyl tert-butyl Ether	5.800	73	317885	52.268	ug/l	98
20) Methylene Chloride	5.271	84	106817	51.550	ug/l	93
21) trans-1,2-Dichloroethene	5.783	96	96233	50.975	ug/l	99
22) Diisopropyl ether	6.671	45	348166	53.787	ug/l	99
23) Vinyl Acetate	6.600	43	1329441	276.905	ug/l	100
24) 1,1-Dichloroethane	6.571	63	191408	52.876	ug/l	99
25) 2-Butanone	7.483	43	359951	259.264	ug/l	100
26) 2,2-Dichloropropane	7.488	77	153910	47.155	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	117833	51.653	ug/l	99
28) Bromochloromethane	7.812	49	83905	51.949	ug/l	100
29) Tetrahydrofuran	7.841	42	236811	276.398	ug/l	99
30) Chloroform	7.965	83	197615	52.555	ug/l	99
31) Cyclohexane	8.253	56	160501	45.665	ug/l	94
32) 1,1,1-Trichloroethane	8.165	97	171843	50.886	ug/l	99
36) 1,1-Dichloropropene	8.371	75	133526	50.588	ug/l	100
37) Ethyl Acetate	7.559	43	148261	54.752	ug/l	99
38) Carbon Tetrachloride	8.359	117	147324	50.883	ug/l	96
39) Methylcyclohexane	9.600	83	147118	50.080	ug/l	98
40) Benzene	8.606	78	428264	52.077	ug/l	99

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	82176	55.899	ug/l	99
42) 1,2-Dichloroethane	8.665	62	148822	53.381	ug/l	100
43) Isopropyl Acetate	8.688	43	243513	45.912	ug/l	100
44) Trichloroethene	9.353	130	96407	50.193	ug/l	98
45) 1,2-Dichloropropane	9.624	63	105223	54.088	ug/l	99
46) Dibromomethane	9.706	93	74461	56.718	ug/l	99
47) Bromodichloromethane	9.888	83	156840	53.773	ug/l #	98
48) Methyl methacrylate	9.682	41	118359	56.059	ug/l	98
49) 1,4-Dioxane	9.694	88	42265	1087.340	ug/l #	92
51) 4-Methyl-2-Pentanone	10.441	43	736947	285.885	ug/l	100
52) Toluene	10.629	92	260384	51.923	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	157202	52.874	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	166850	52.173	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	99358	55.268	ug/l	97
56) Ethyl methacrylate	10.871	69	165991	56.113	ug/l	99
57) 1,3-Dichloropropane	11.165	76	175066	54.498	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	379082	276.247	ug/l	99
59) 2-Hexanone	11.194	43	546865	283.840	ug/l	100
60) Dibromochloromethane	11.359	129	117606	55.367	ug/l	99
61) 1,2-Dibromoethane	11.470	107	100422	53.758	ug/l	99
64) Tetrachloroethene	11.100	164	86689	49.334	ug/l	98
65) Chlorobenzene	11.888	112	275052	49.172	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	98797	51.278	ug/l	98
67) Ethyl Benzene	11.965	91	493430	49.880	ug/l	99
68) m/p-Xylenes	12.070	106	375172	102.528	ug/l	99
69) o-Xylene	12.394	106	180787	52.220	ug/l	100
70) Styrene	12.412	104	311884	53.186	ug/l	99
71) Bromoform	12.576	173	76759	54.114	ug/l #	98
73) Isopropylbenzene	12.694	105	456654	48.987	ug/l	99
74) N-amyl acetate	12.494	43	215717	51.102	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	143798	51.301	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	124095m	49.759	ug/l	
77) Bromobenzene	12.982	156	109727	48.799	ug/l	99
78) n-propylbenzene	13.035	91	550507	50.971	ug/l	100
79) 2-Chlorotoluene	13.123	91	338251	49.080	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	396433	52.135	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	51443	49.453	ug/l	90
82) 4-Chlorotoluene	13.217	91	345690	49.827	ug/l	100
83) tert-Butylbenzene	13.435	119	329188	48.708	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	401274	52.384	ug/l	100
85) sec-Butylbenzene	13.617	105	458113	50.796	ug/l	99
86) p-Isopropyltoluene	13.729	119	385447	51.685	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	207151	49.108	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	204275	47.953	ug/l	99
89) n-Butylbenzene	14.053	91	329942	48.791	ug/l	99
90) Hexachloroethane	14.335	117	72289	47.754	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	203794	49.271	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	29067	50.252	ug/l	99
93) 1,2,4-Trichlorobenzene	15.388	180	97562	47.888	ug/l	99
94) Hexachlorobutadiene	15.500	225	42193	41.529	ug/l	98
95) Naphthalene	15.641	128	326709	48.372	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	96063	47.105	ug/l	100

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VSTDCCC050

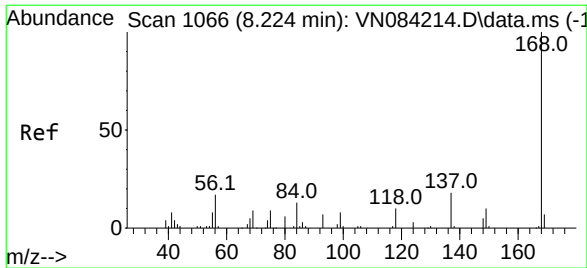
Manual Integrations
APPROVED

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

Quant Time: Oct 02 01:58:34 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

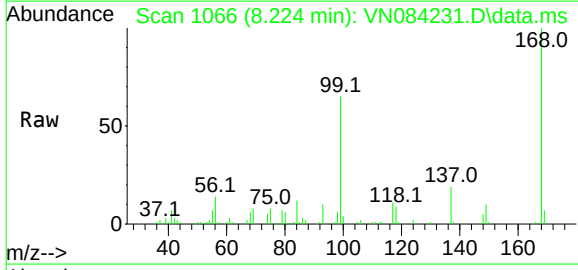
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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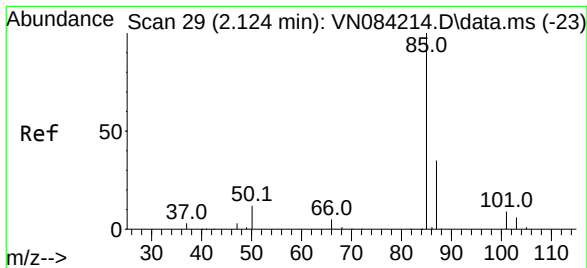
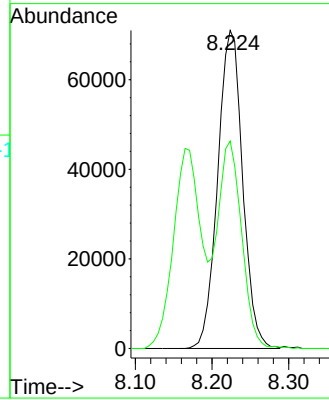
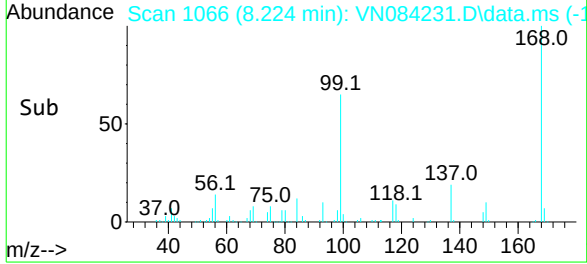
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 168 Resp: 160039
Ion Ratio Lower Upper
168 100
99 64.8 54.2 81.2

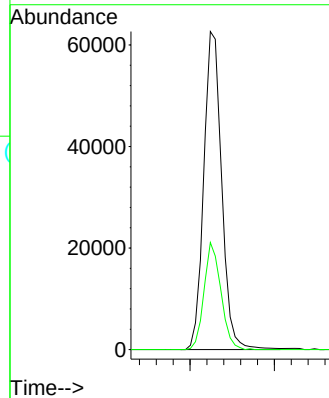
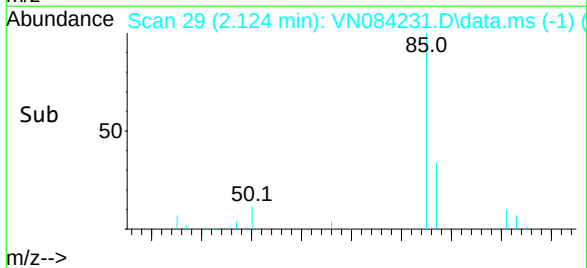
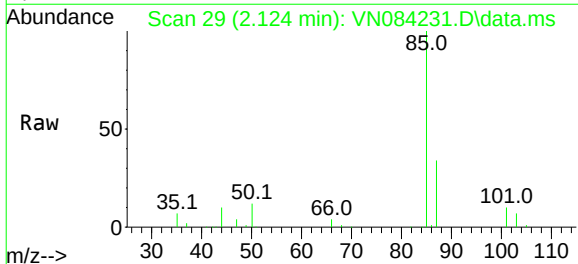
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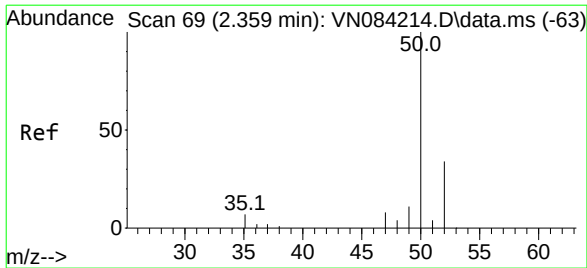
Reviewed By : John Carlone 10/02/2024
Supervised By : Semsettin Yesilyurt 10/02/2024



#2
Dichlorodifluoromethane
Concen: 48.881 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN084231.D
Acq: 01 Oct 2024 11:45

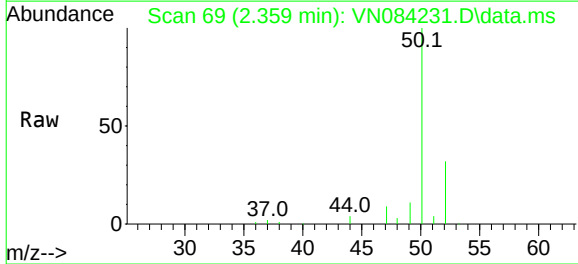
Tgt Ion: 85 Resp: 92533
Ion Ratio Lower Upper
85 100
87 33.7 17.6 52.9





#3
Chloromethane
Concen: 50.553 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN084231.D
Acq: 01 Oct 2024 11:45

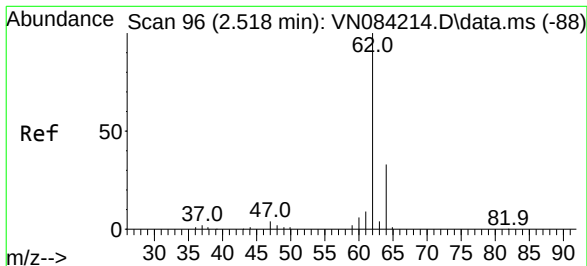
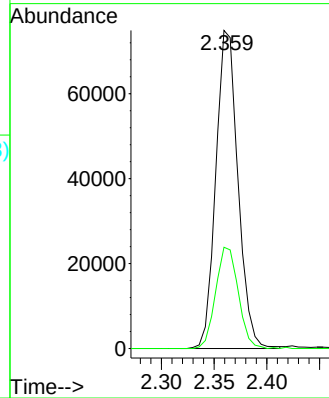
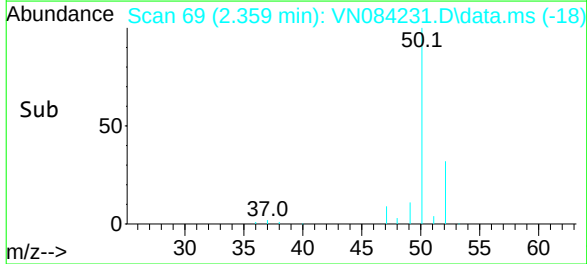
Instrument :
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VSTDCCC050



Tgt Ion: 50 Resp: 109270
Ion Ratio Lower Upper
50 100
52 31.8 26.8 40.2

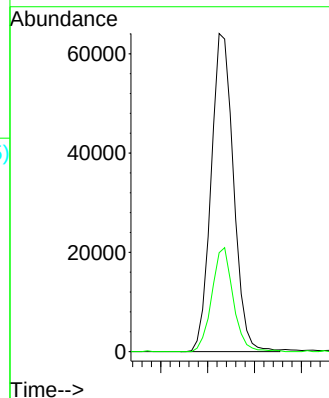
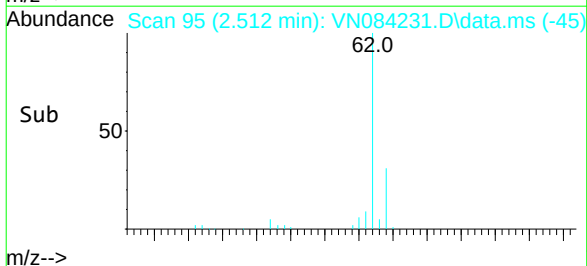
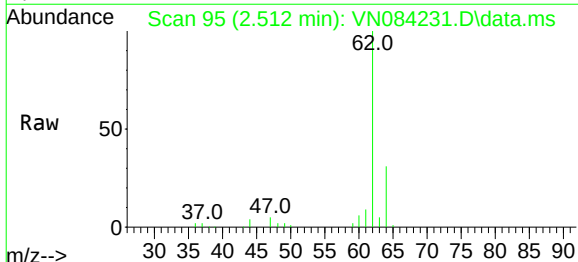
Manual Integrations
APPROVED

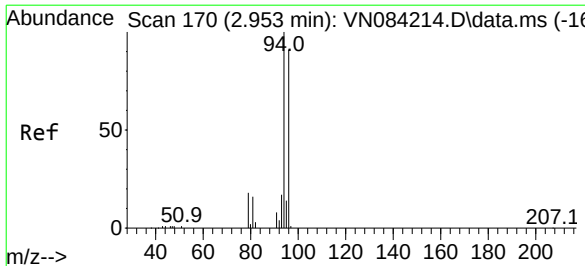
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#4
Vinyl Chloride
Concen: 50.859 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN084231.D
Acq: 01 Oct 2024 11:45

Tgt Ion: 62 Resp: 106485
Ion Ratio Lower Upper
62 100
64 31.1 26.2 39.4





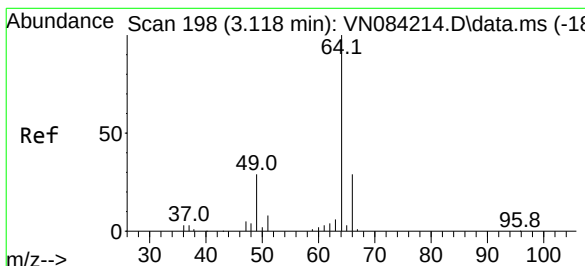
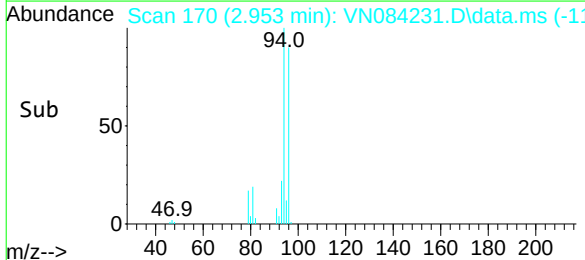
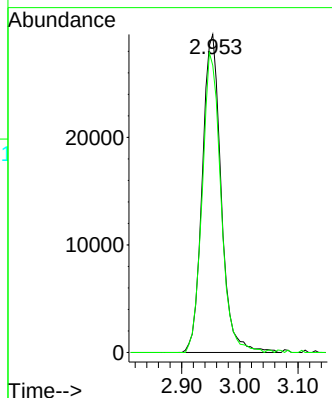
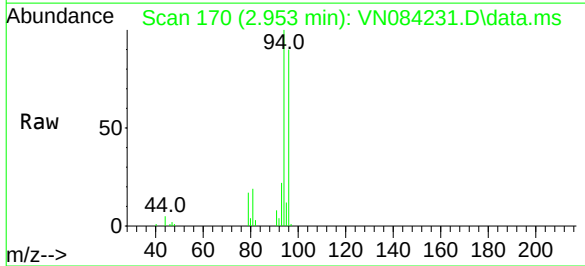
#5
Bromomethane
Concen: 48.227 ug/l
RT: 2.953 min Scan# 170
Delta R.T. -0.000 min
Lab File: VN084231.D
Acq: 01 Oct 2024 11:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 94 Resp: 66603
Ion Ratio Lower Upper
94 100
96 90.3 72.9 109.3

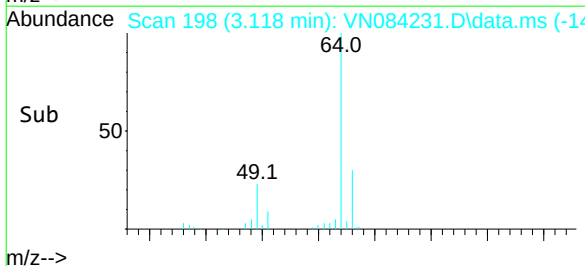
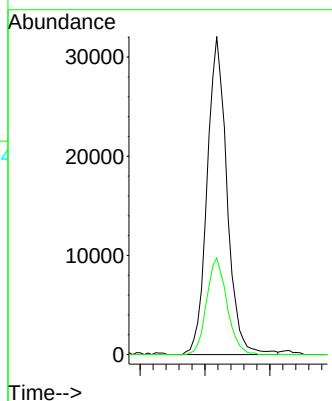
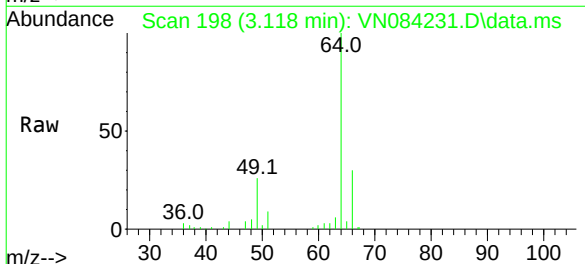
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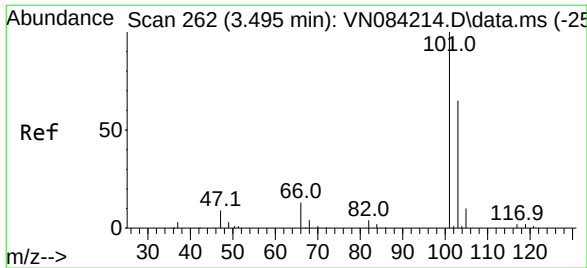
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#6
Chloroethane
Concen: 45.512 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.000 min
Lab File: VN084231.D
Acq: 01 Oct 2024 11:45

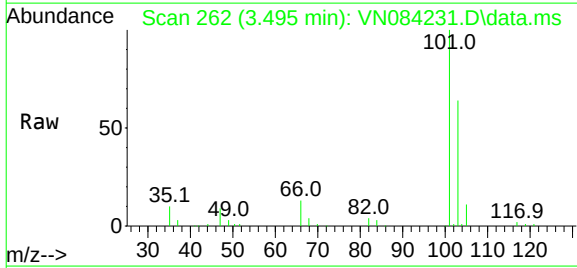
Tgt Ion: 64 Resp: 68244
Ion Ratio Lower Upper
64 100
66 30.4 23.5 35.3





#7
 Trichlorofluoromethane
 Concen: 49.773 ug/l
 RT: 3.495 min Scan# 262
 Delta R.T. -0.000 min
 Lab File: VN084231.D
 Acq: 01 Oct 2024 11:45

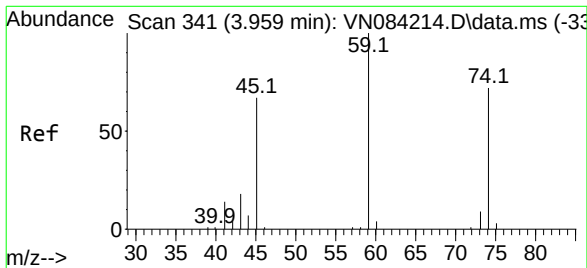
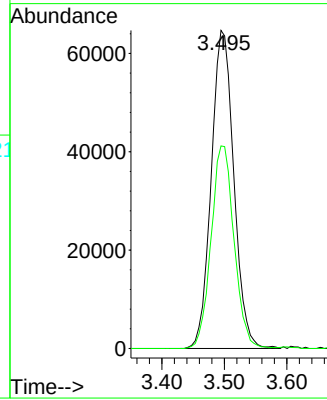
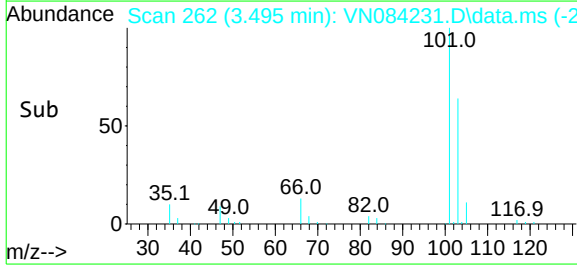
Instrument :
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 ClientSampleId :
 VSTDCCC050



Tgt Ion:101 Resp: 162277
 Ion Ratio Lower Upper
 101 100
 103 63.7 51.8 77.6

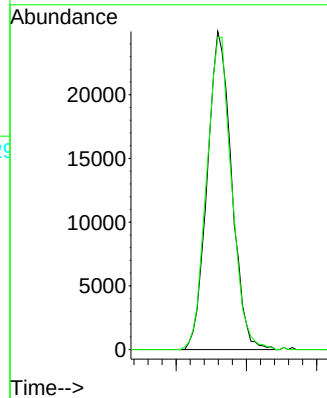
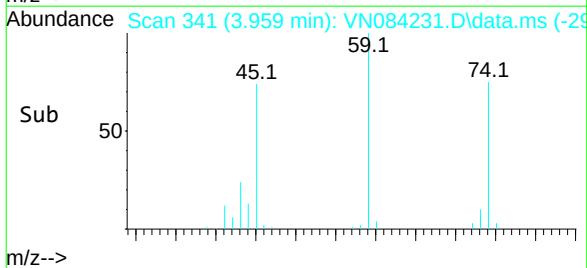
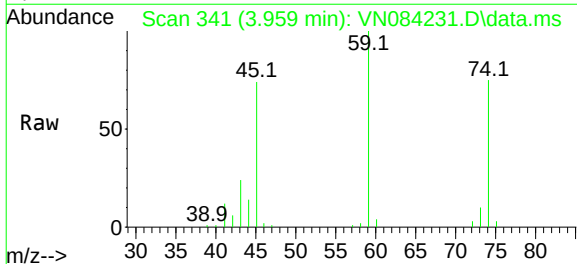
Manual Integrations
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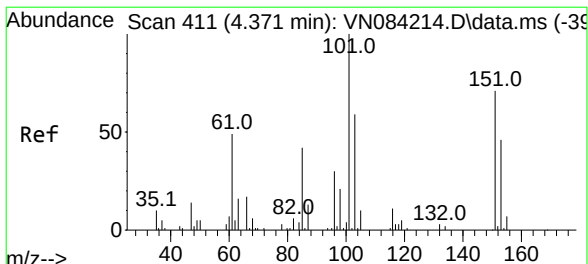
Reviewed By :John Carlone 10/02/2024
 Supervised By :Semsettin Yesilyurt 10/02/2024



#8
 Diethyl Ether
 Concen: 49.674 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN084231.D
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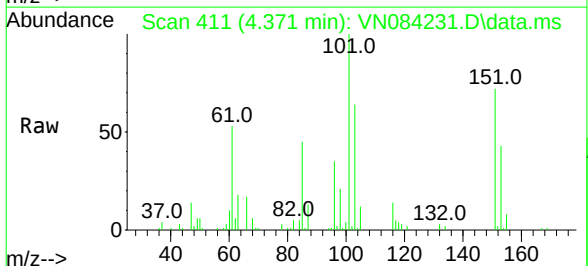
Tgt Ion: 74 Resp: 60065
 Ion Ratio Lower Upper
 74 100
 45 100.8 47.7 143.1





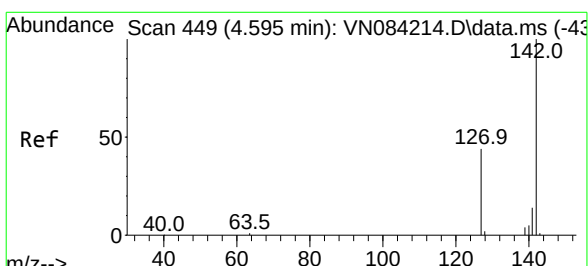
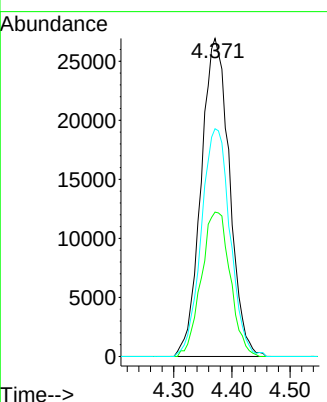
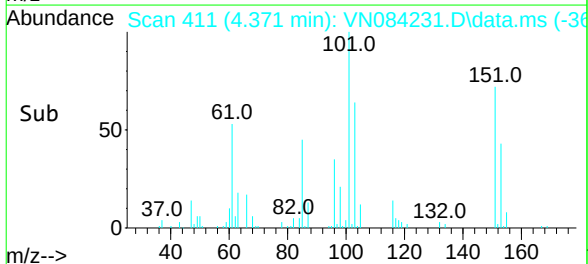
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 48.834 ug/l
 RT: 4.371 min Scan# 411
 Delta R.T. -0.000 min
 Lab File: VN084231.D
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Instrument : MSVOA_N
 ClientSampleId : VSTDCCC050

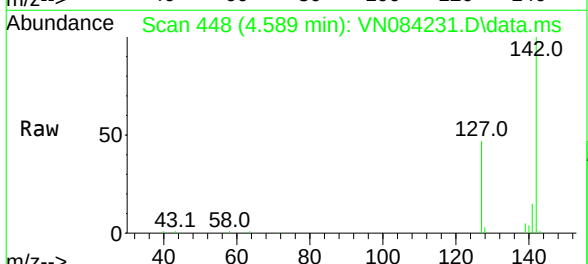


Tgt Ion:	101	Resp:	91229
Ion	Ratio	Lower	Upper
101	100		
85	46.1	36.2	54.4
151	72.7	59.3	88.9

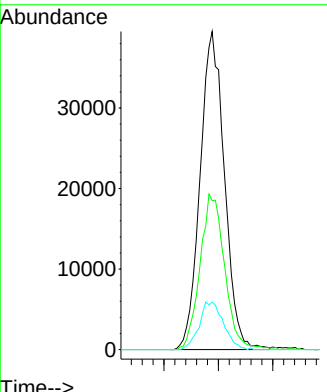
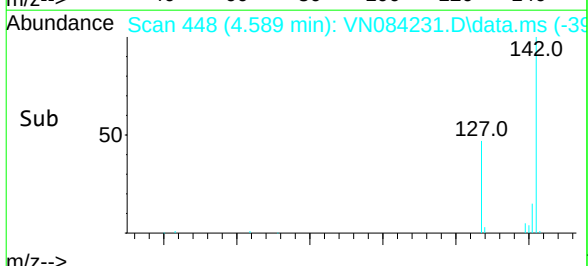
Manual Integrations
APPROVED
 Reviewed By :John Carlone 10/02/2024
 Supervised By :Semsettin Yesilyurt 10/02/2024

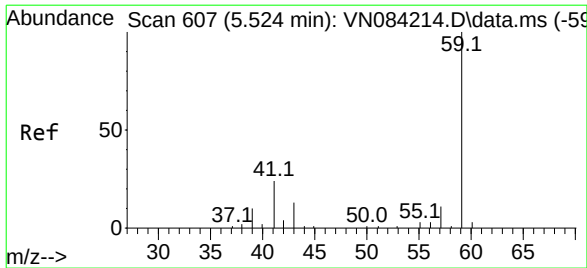


#10
 Methyl Iodide
 Concen: 50.999 ug/l
 RT: 4.589 min Scan# 448
 Delta R.T. -0.006 min
 Lab File: VN084231.D
 Acq: 01 Oct 2024 11:45



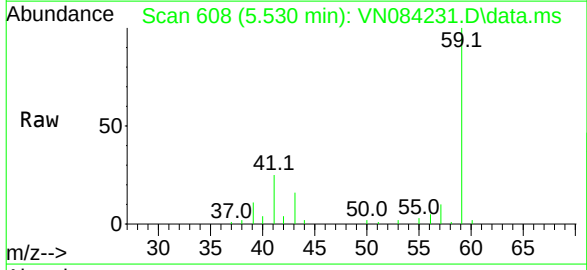
Tgt Ion:	142	Resp:	122693
Ion	Ratio	Lower	Upper
142	100		
127	46.9	35.3	52.9
141	14.9	11.0	16.6





#11
Tert butyl alcohol
Concen: 241.689 ug/l
RT: 5.530 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN084231.D
Acq: 01 Oct 2024 11:45

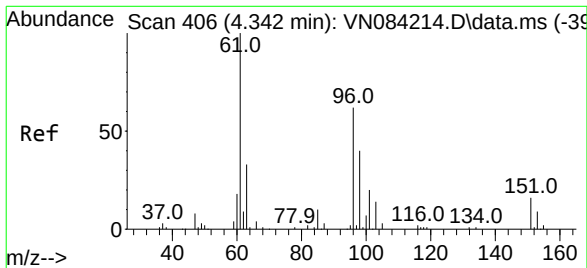
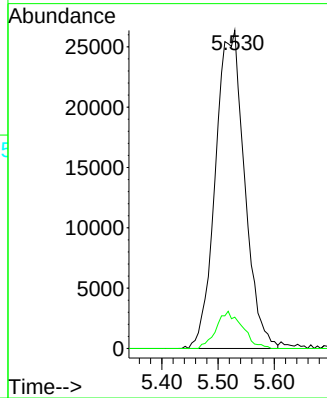
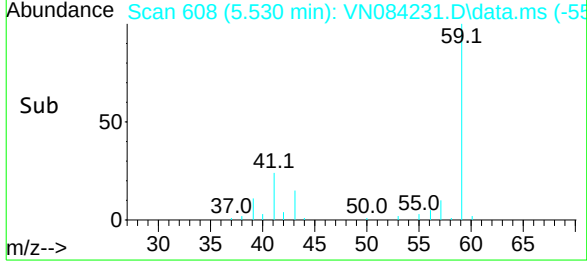
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



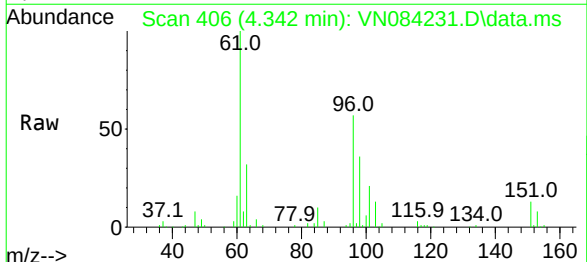
Tgt Ion: 59 Resp: 94565
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.2

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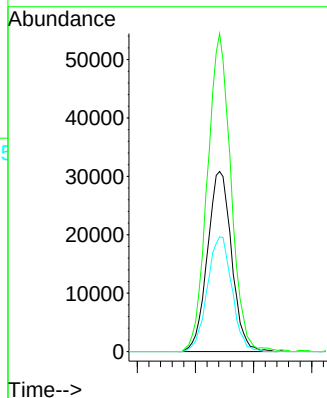
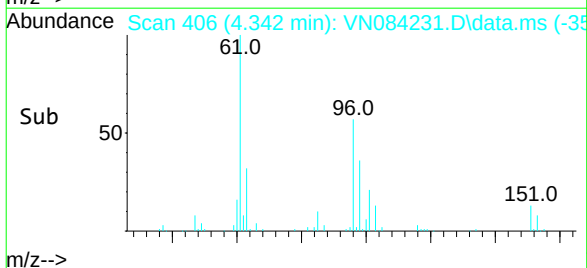
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024

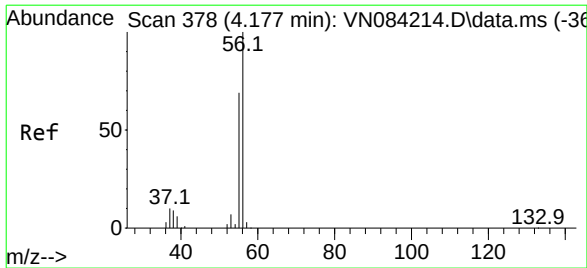


#12
1,1-Dichloroethene
Concen: 49.415 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN084231.D
Acq: 01 Oct 2024 11:45



Tgt Ion: 96 Resp: 89042
Ion Ratio Lower Upper
96 100
61 176.6 128.6 192.8
98 63.7 51.7 77.5





#13

Acrolein

Concen: 261.202 ug/l

RT: 4.177 min Scan# 37

Delta R.T. -0.000 min

Lab File: VN084231.D

Acq: 01 Oct 2024 11:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 117327

Ion Ratio Lower Upper

56 100

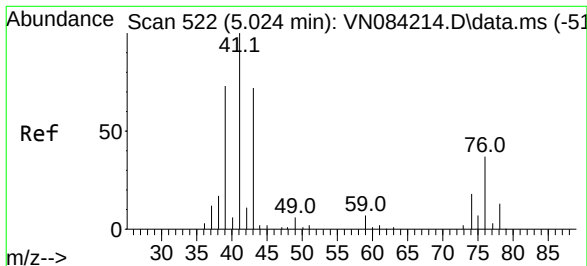
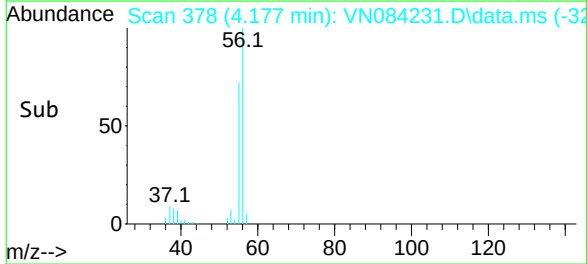
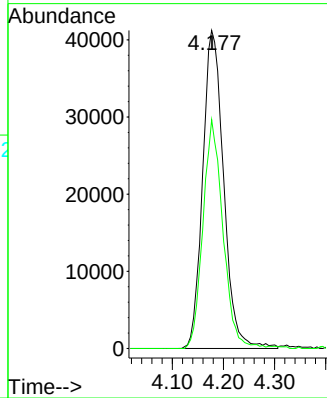
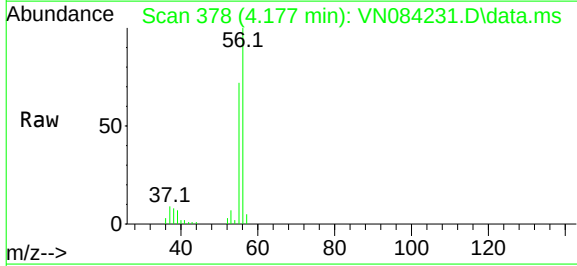
55 68.4 57.2 85.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/02/2024

Supervised By :Semsettin Yesilyurt 10/02/2024



#14

Allyl chloride

Concen: 47.905 ug/l

RT: 5.030 min Scan# 523

Delta R.T. 0.006 min

Lab File: VN084231.D

Acq: 01 Oct 2024 11:45

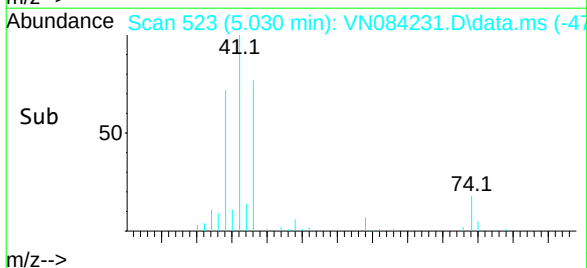
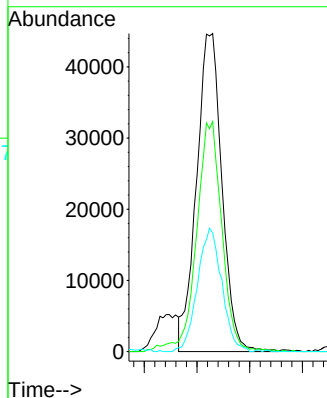
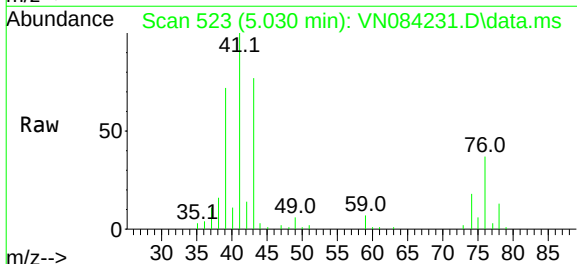
Tgt Ion: 41 Resp: 149915

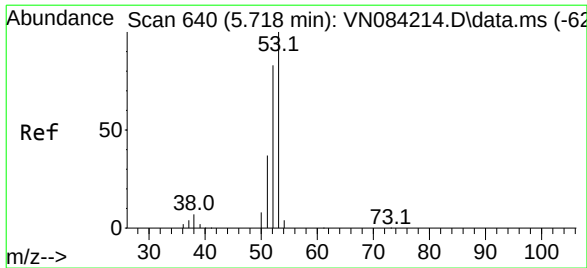
Ion Ratio Lower Upper

41 100

39 72.3 59.0 88.6

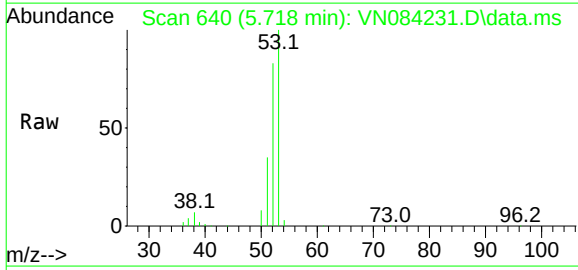
76 37.0 29.8 44.6





#15
Acrylonitrile
Concen: 269.981 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN084231.D
Acq: 01 Oct 2024 11:45

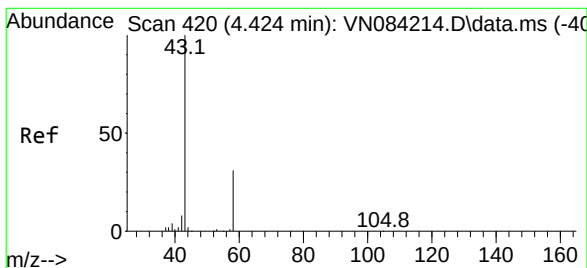
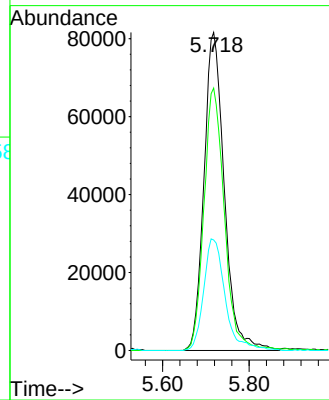
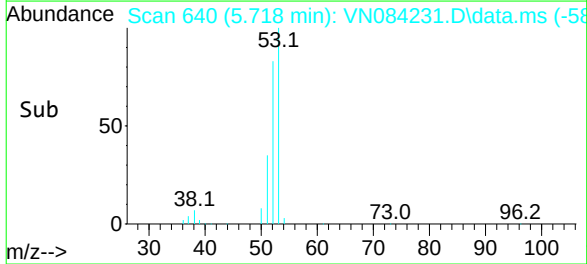
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 266758
Ion Ratio Lower Upper
53 100
52 82.9 66.2 99.4
51 37.0 28.8 43.2

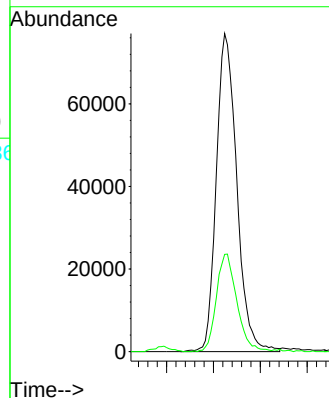
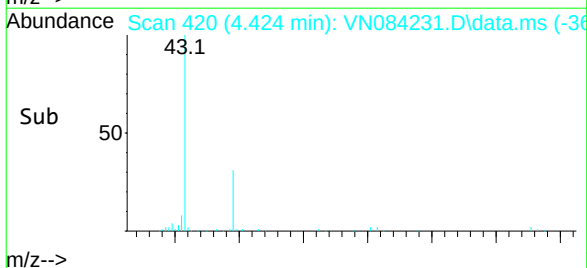
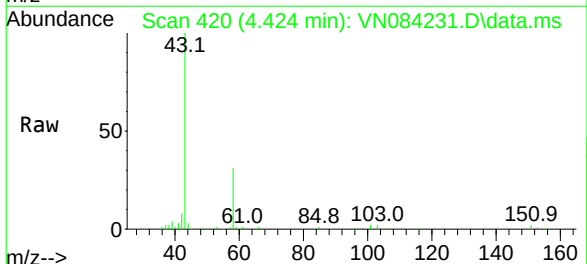
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APPROVED

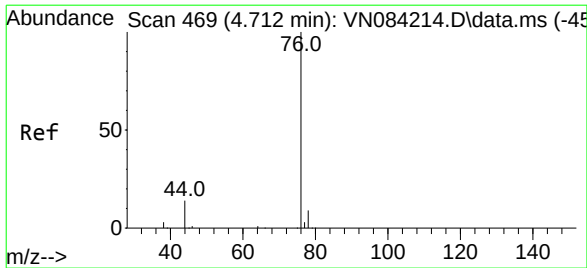
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#16
Acetone
Concen: 229.131 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN084231.D
Acq: 01 Oct 2024 11:45

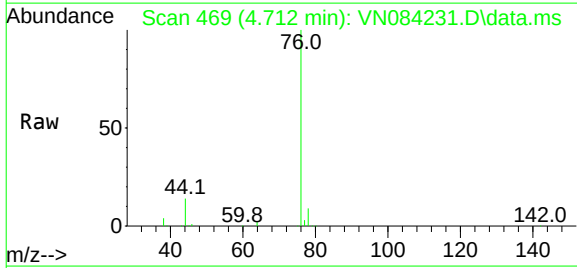
Tgt Ion: 43 Resp: 233562
Ion Ratio Lower Upper
43 100
58 30.3 24.4 36.6





#17
Carbon Disulfide
Concen: 45.935 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN084231.D
Acq: 01 Oct 2024 11:45

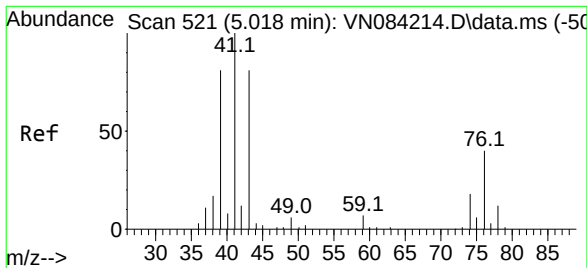
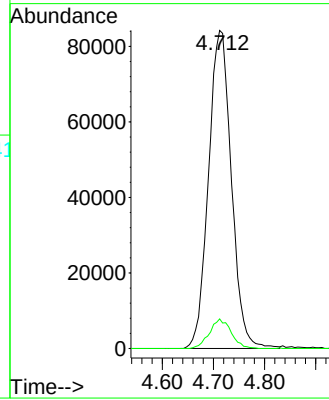
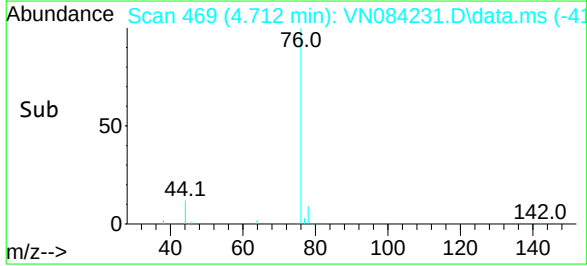
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 262059
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9

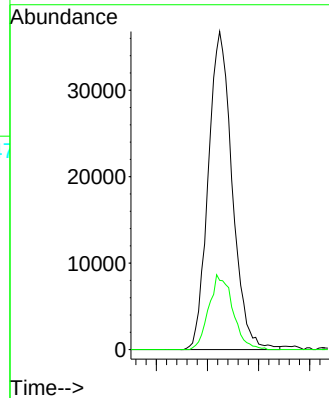
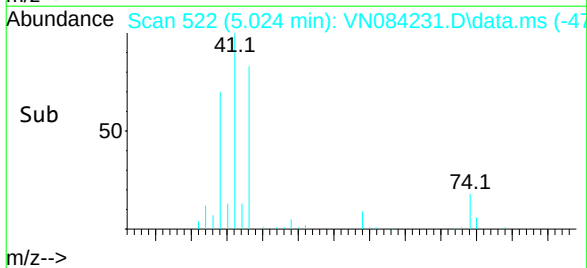
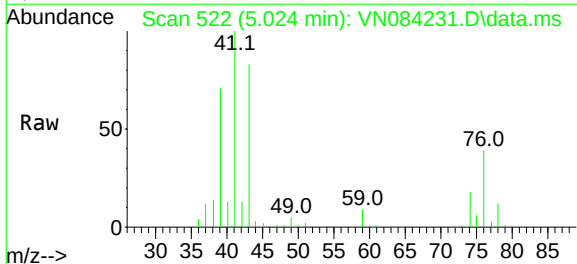
Manual Integrations
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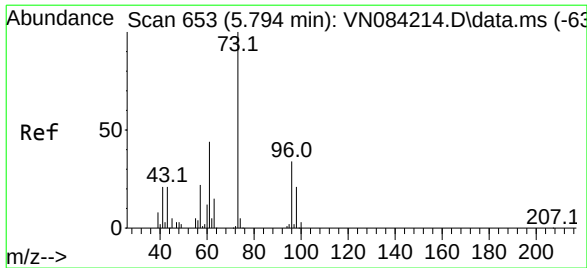
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#18
Methyl Acetate
Concen: 53.925 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN084231.D
Acq: 01 Oct 2024 11:45

Tgt Ion: 43 Resp: 119807
Ion Ratio Lower Upper
43 100
74 23.4 19.2 28.8





#19

Methyl tert-butyl Ether

Concen: 52.268 ug/l

RT: 5.800 min Scan# 65

Delta R.T. 0.006 min

Lab File: VN084231.D

Acq: 01 Oct 2024 11:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 73 Resp: 317885

Ion Ratio Lower Upper

73 100

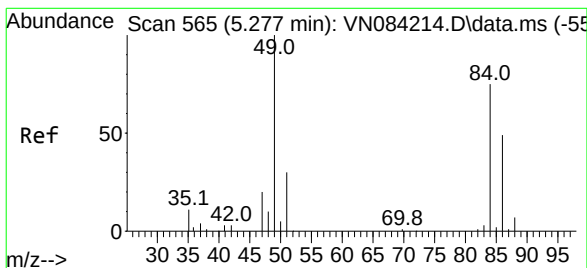
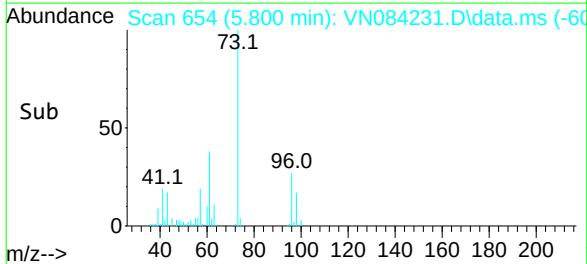
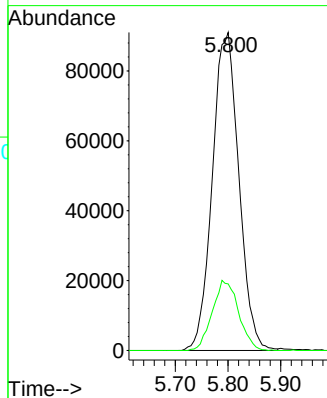
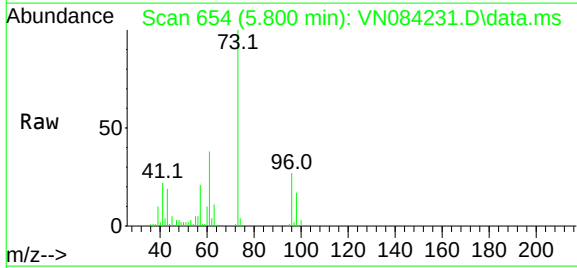
57 20.9 17.7 26.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/02/2024

Supervised By :Semsettin Yesilyurt 10/02/2024



#20

Methylene Chloride

Concen: 51.550 ug/l

RT: 5.271 min Scan# 564

Delta R.T. -0.006 min

Lab File: VN084231.D

Acq: 01 Oct 2024 11:45

Tgt Ion: 84 Resp: 106817

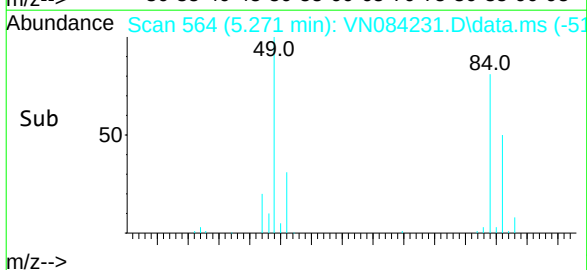
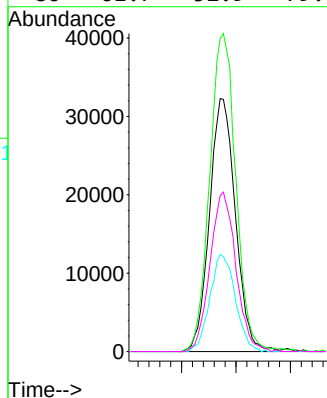
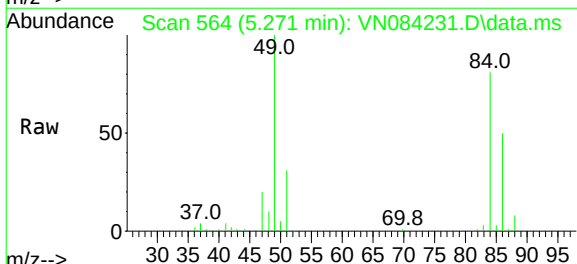
Ion Ratio Lower Upper

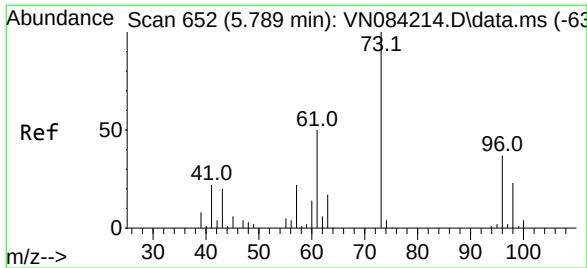
84 100

49 123.7 107.2 160.8

51 38.4 31.8 47.8

86 61.7 52.9 79.3





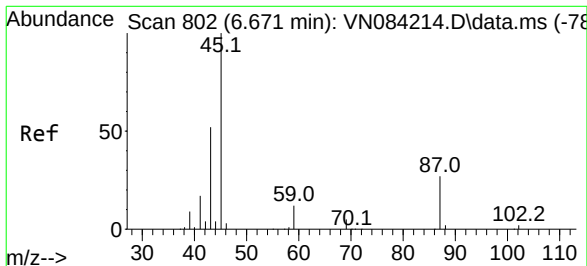
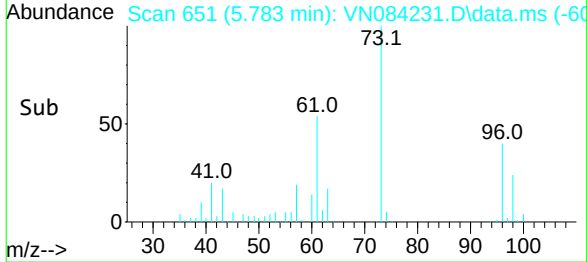
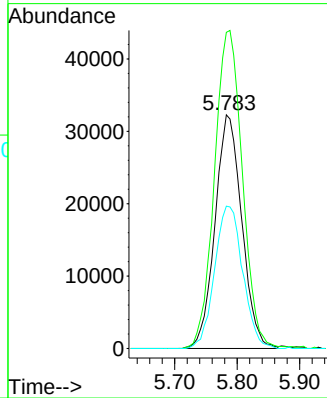
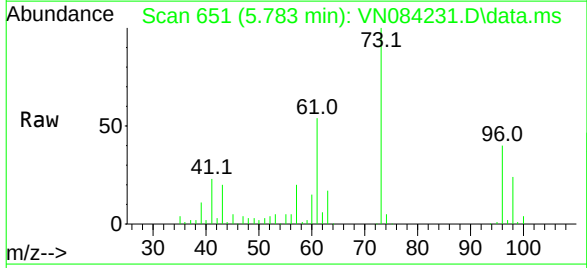
#21
trans-1,2-Dichloroethene
Concen: 50.975 ug/l
RT: 5.783 min Scan# 652
Delta R.T. -0.006 min
Lab File: VN084231.D
Acq: 01 Oct 2024 11:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 96233
Ion Ratio Lower Upper
96 100
61 135.3 108.4 162.6
98 60.9 49.8 74.8

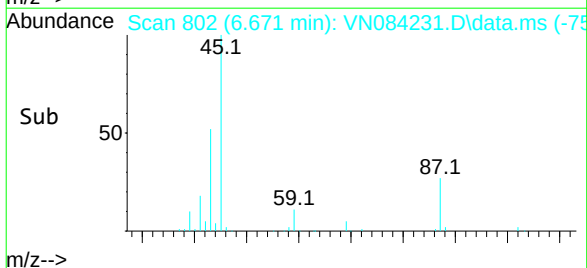
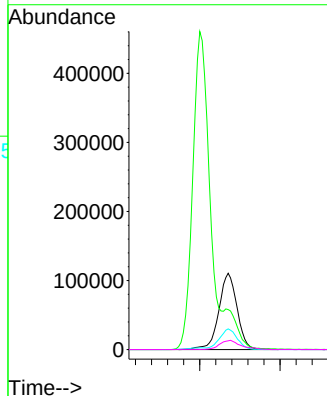
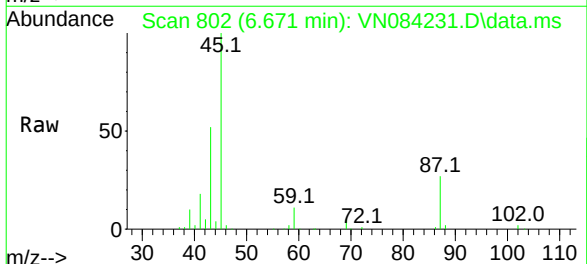
Manual Integrations
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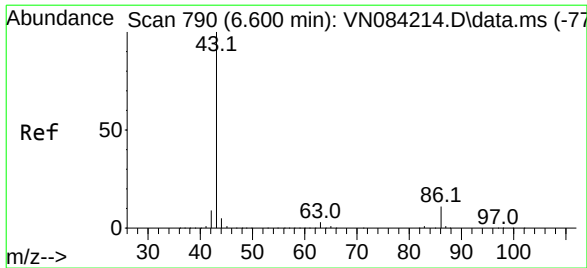
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#22
Diisopropyl ether
Concen: 53.787 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN084231.D
Acq: 01 Oct 2024 11:45

Tgt Ion: 45 Resp: 348166
Ion Ratio Lower Upper
45 100
43 51.8 42.3 63.5
87 27.1 21.8 32.6
59 11.5 9.6 14.4





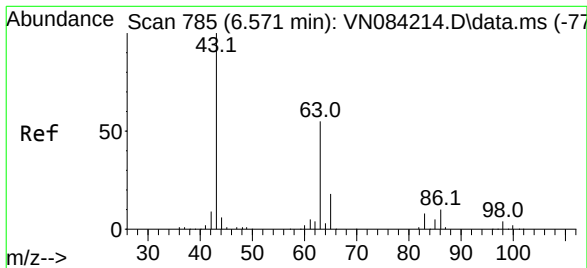
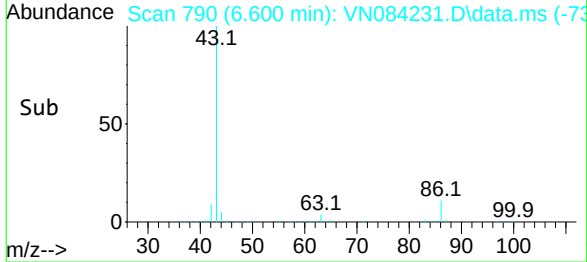
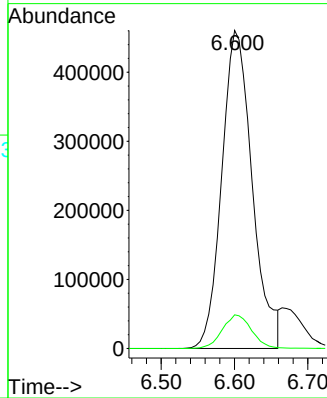
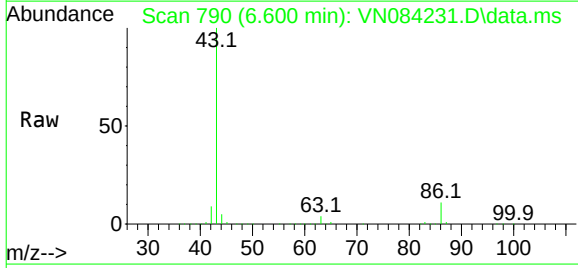
#23
 Vinyl Acetate
 Concen: 276.905 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN084231.D
 Acq: 01 Oct 2024 11:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1329441
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.6 12.8

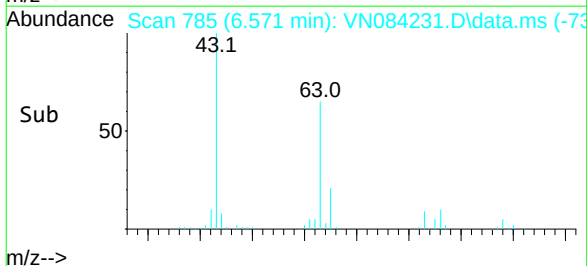
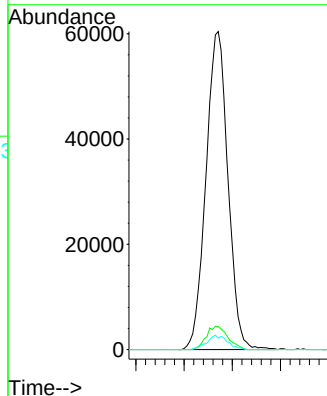
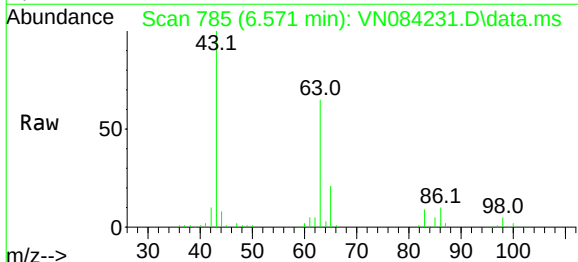
Manual Integrations
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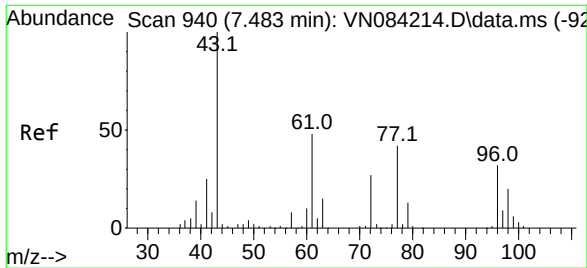
Reviewed By :John Carlone 10/02/2024
 Supervised By :Semsettin Yesilyurt 10/02/2024



#24
 1,1-Dichloroethane
 Concen: 52.876 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN084231.D
 Acq: 01 Oct 2024 11:45

Tgt Ion: 63 Resp: 191408
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.4 10.2
 100 3.6 2.0 5.8





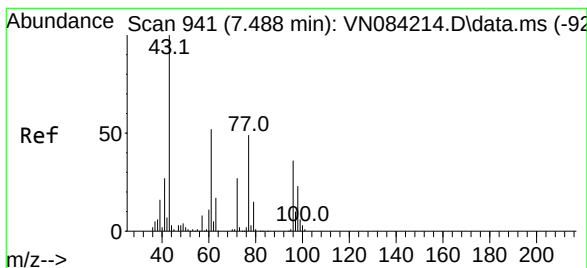
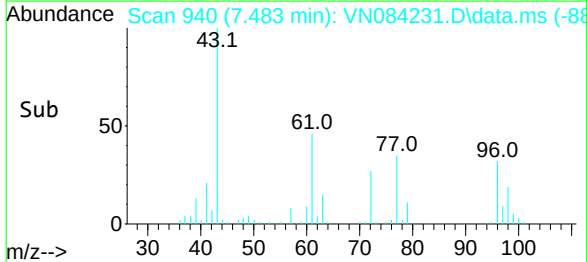
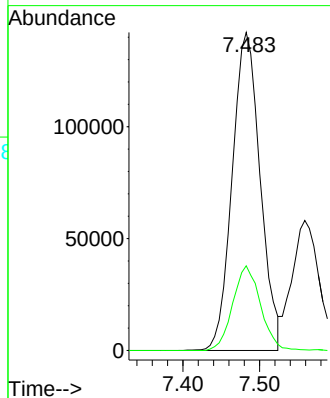
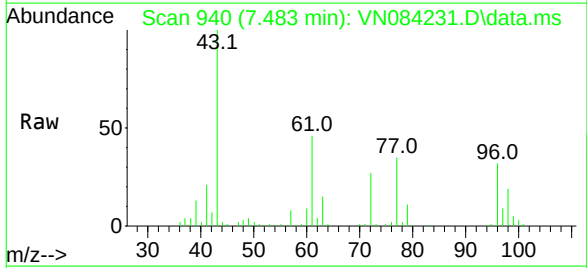
#25
2-Butanone
Concen: 259.264 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN084231.D
Acq: 01 Oct 2024 11:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 359951
Ion Ratio Lower Upper
43 100
72 26.6 21.4 32.2

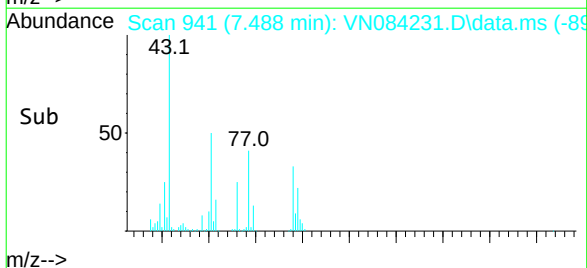
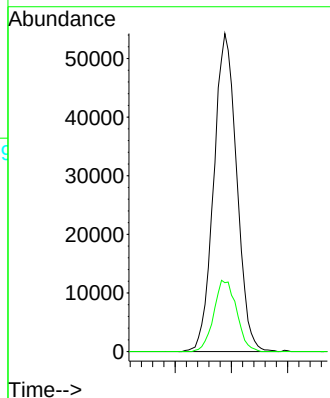
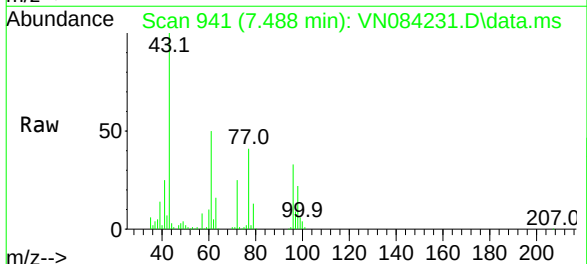
Manual Integrations
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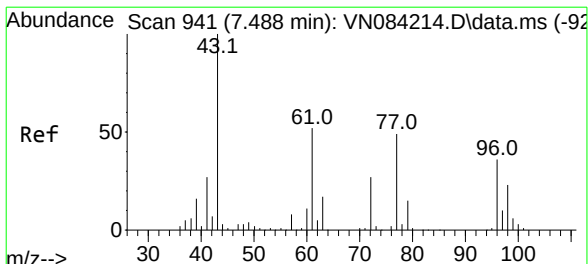
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#26
2,2-Dichloropropane
Concen: 47.155 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN084231.D
Acq: 01 Oct 2024 11:45

Tgt Ion: 77 Resp: 153910
Ion Ratio Lower Upper
77 100
97 22.2 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 51.653 ug/l
 RT: 7.483 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN084231.D
 Acq: 01 Oct 2024 11:45

Instrument :

MSVOA_N

ClientSampleId :

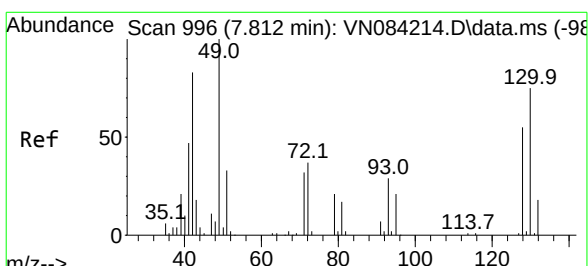
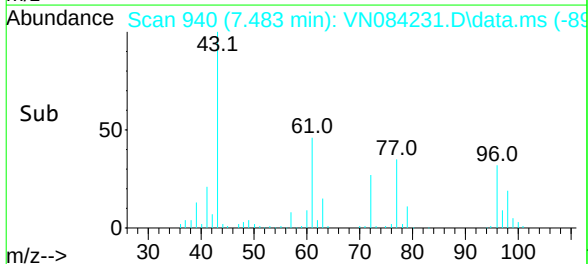
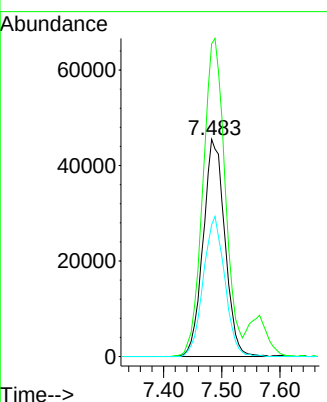
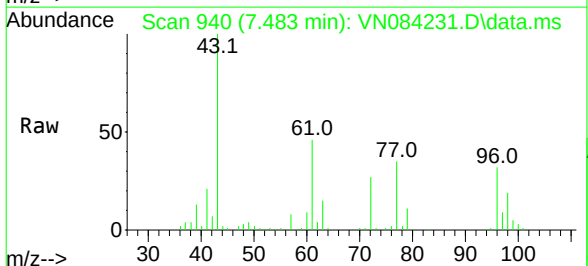
VSTDCCC050

Tgt Ion:	96	Resp:	117833
Ion	Ratio	Lower	Upper
96	100		
61	149.4	0.0	301.8
98	64.0	0.0	128.2

Manual Integrations

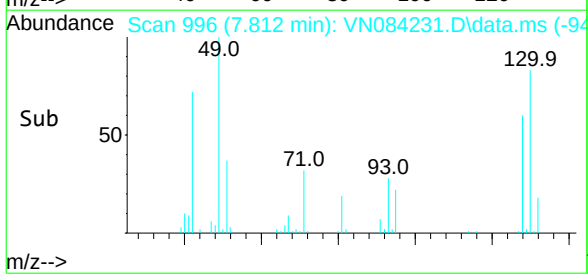
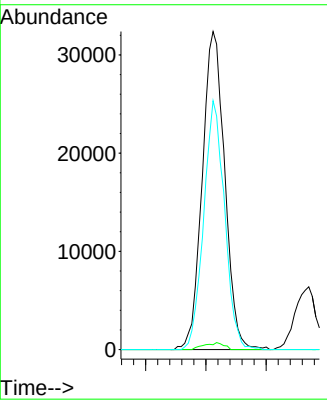
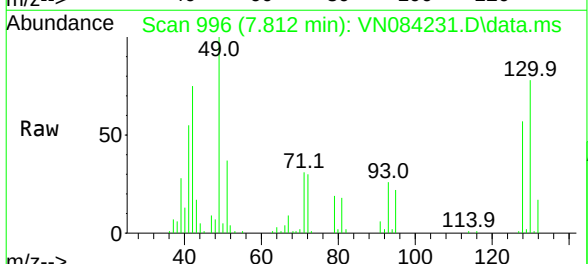
APPROVED

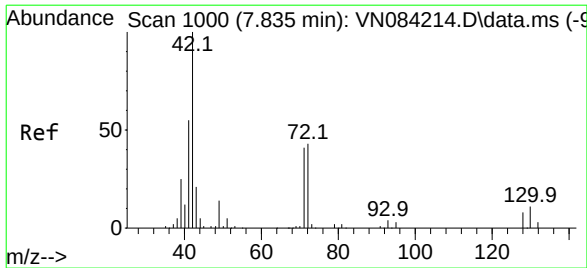
Reviewed By :John Carlone 10/02/2024
 Supervised By :Semsettin Yesilyurt 10/02/2024



#28
 Bromochloromethane
 Concen: 51.949 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN084231.D
 Acq: 01 Oct 2024 11:45

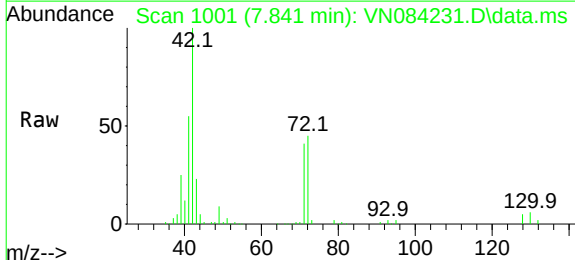
Tgt Ion:	49	Resp:	83905
Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.6
130	72.7	58.0	87.0





#29
Tetrahydrofuran
Concen: 276.398 ug/l
RT: 7.841 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VN084231.D
Acq: 01 Oct 2024 11:45

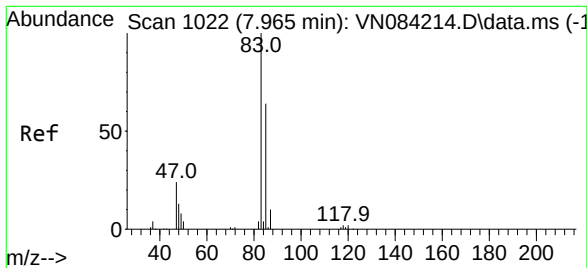
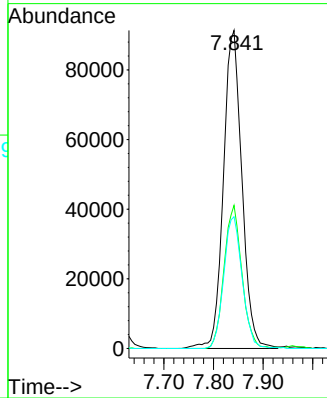
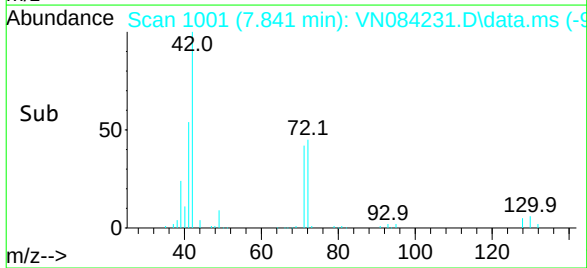
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 42 Resp: 236811
Ion Ratio Lower Upper
42 100
72 43.3 34.6 51.8
71 41.4 32.2 48.4

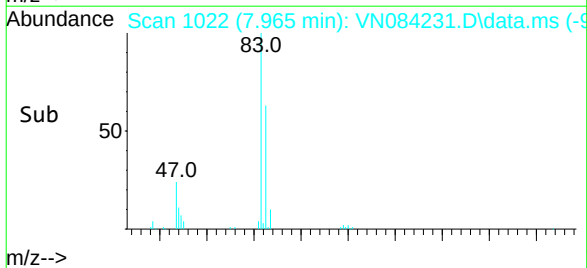
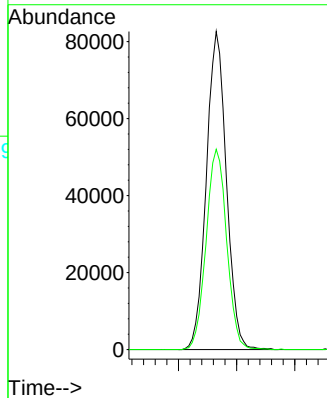
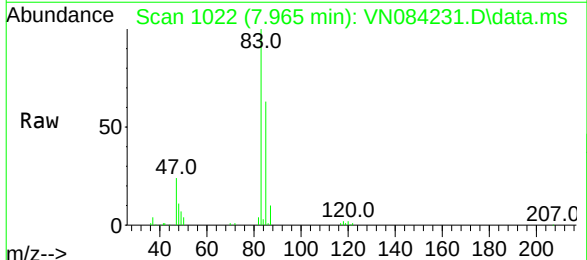
Manual Integrations
APPROVED

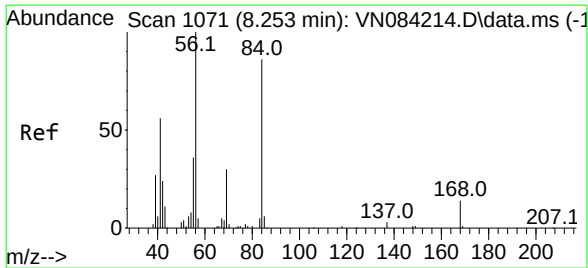
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#30
Chloroform
Concen: 52.555 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN084231.D
Acq: 01 Oct 2024 11:45

Tgt Ion: 83 Resp: 197615
Ion Ratio Lower Upper
83 100
85 63.0 51.0 76.4





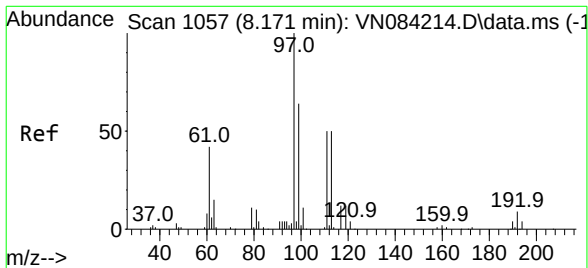
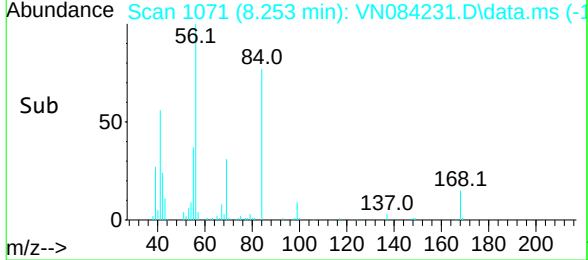
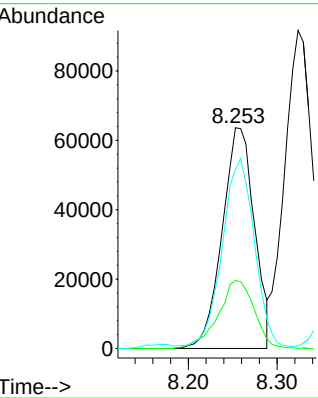
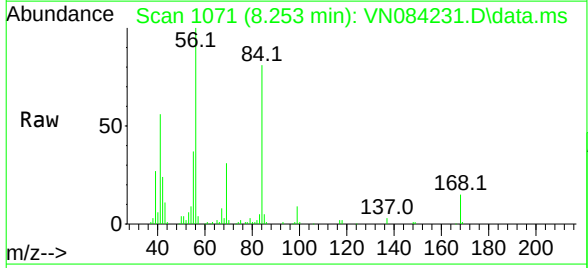
#31
Cyclohexane
Concen: 45.665 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN084231.D
Acq: 01 Oct 2024 11:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 160501
Ion Ratio Lower Upper
56 100
69 30.8 23.8 35.6
84 79.2 68.8 103.2

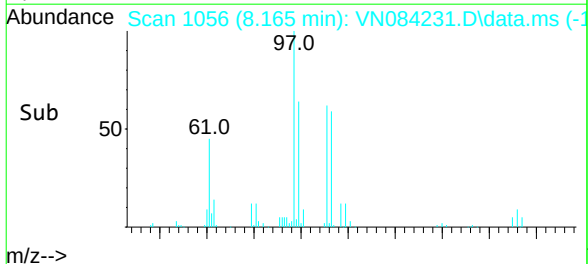
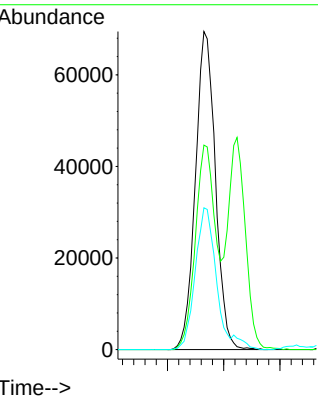
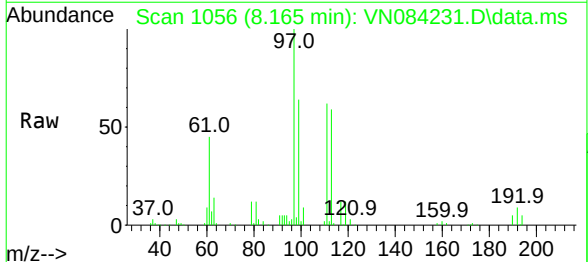
Manual Integrations
APPROVED

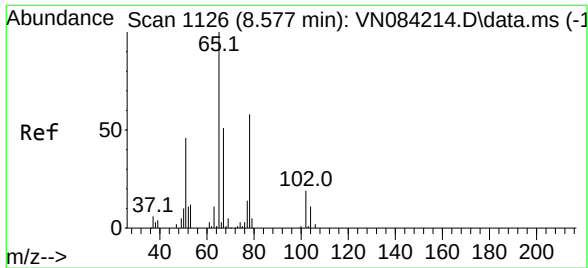
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#32
1,1,1-Trichloroethane
Concen: 50.886 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN084231.D
Acq: 01 Oct 2024 11:45

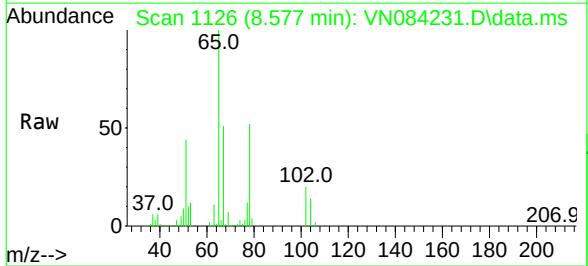
Tgt Ion: 97 Resp: 171843
Ion Ratio Lower Upper
97 100
99 64.2 51.2 76.8
61 47.8 37.5 56.3





#33
1,2-Dichloroethane-d4
Concen: 54.579 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084231.D
Acq: 01 Oct 2024 11:45

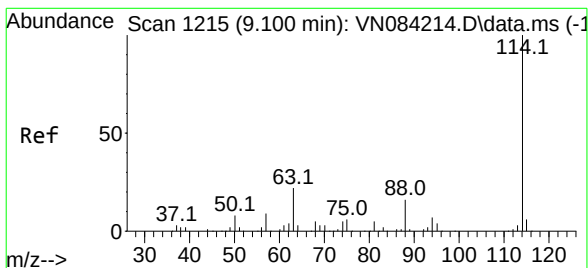
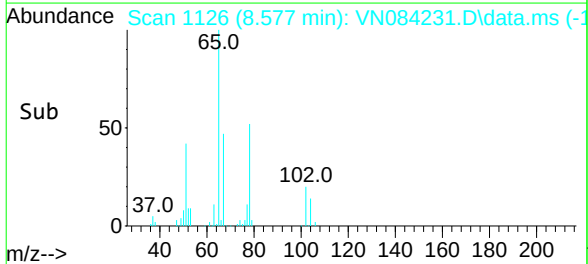
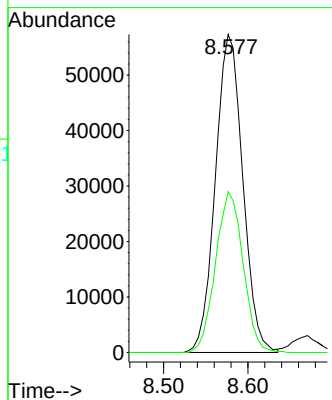
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 65 Resp: 129509
Ion Ratio Lower Upper
65 100
67 50.8 0.0 102.0

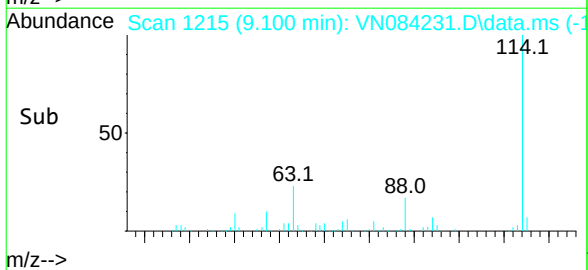
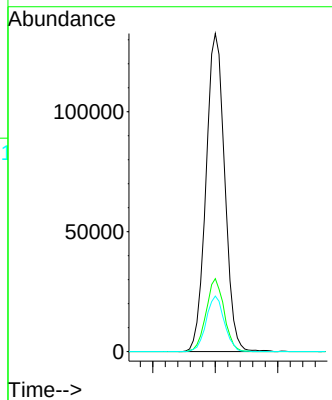
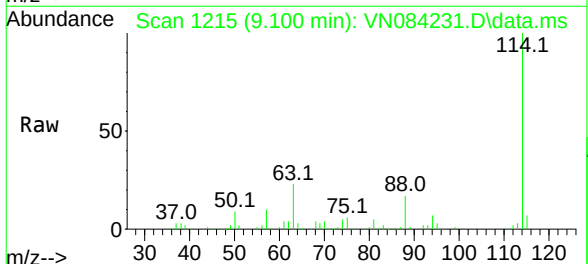
Manual Integrations
APPROVED

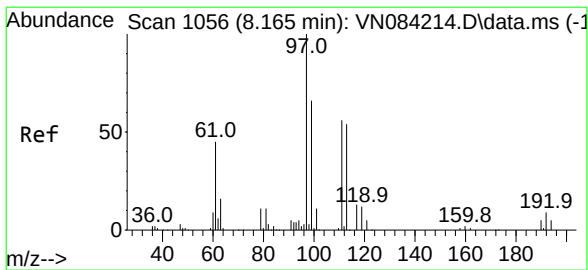
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN084231.D
Acq: 01 Oct 2024 11:45

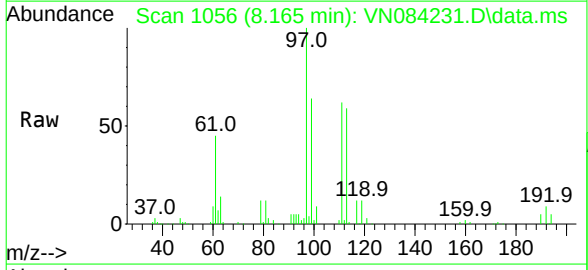
Tgt Ion:114 Resp: 275633
Ion Ratio Lower Upper
114 100
63 22.9 0.0 43.8
88 17.5 0.0 31.6





#35
 Dibromofluoromethane
 Concen: 53.584 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. -0.000 min
 Lab File: VN084231.D
 Acq: 01 Oct 2024 11:45

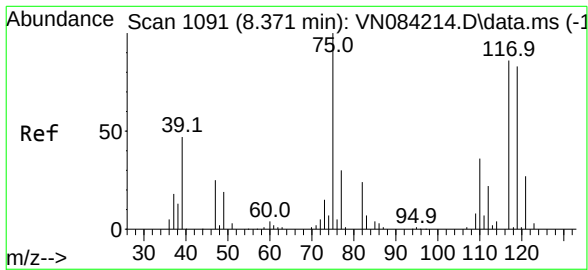
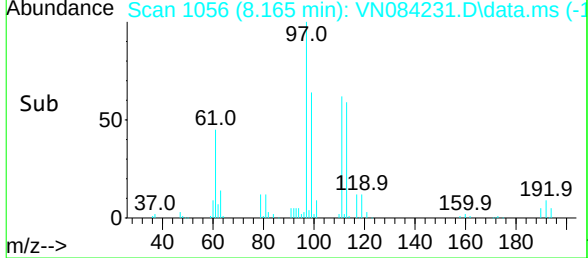
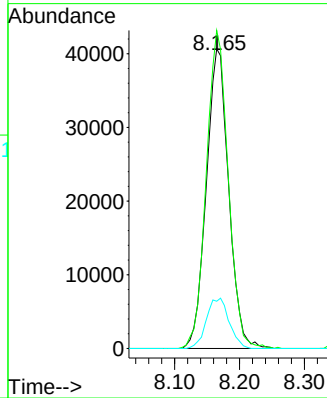
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion:	113	Resp:	97376
Ion	Ratio	Lower	Upper
113	100		
111	104.2	83.3	124.9
192	17.0	13.5	20.3

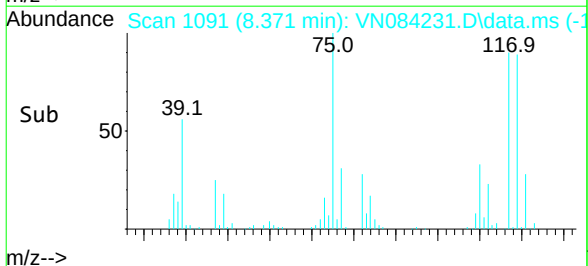
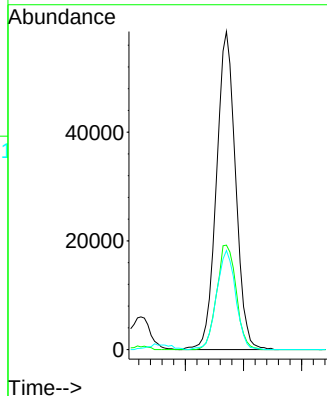
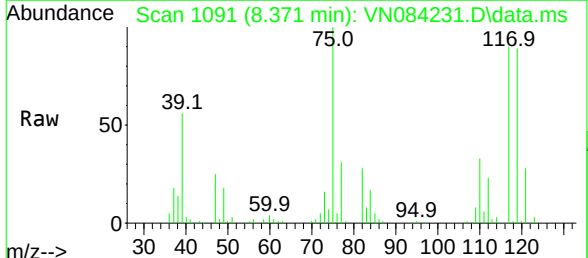
Manual Integrations
 APPROVED

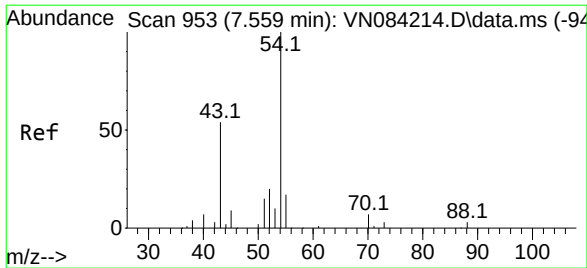
Reviewed By :John Carlone 10/02/2024
 Supervised By :Semsettin Yesilyurt 10/02/2024



#36
 1,1-Dichloropropene
 Concen: 50.588 ug/l
 RT: 8.371 min Scan# 1091
 Delta R.T. -0.000 min
 Lab File: VN084231.D
 Acq: 01 Oct 2024 11:45

Tgt Ion:	75	Resp:	133526
Ion	Ratio	Lower	Upper
75	100		
110	33.6	16.9	50.7
77	31.2	24.7	37.1





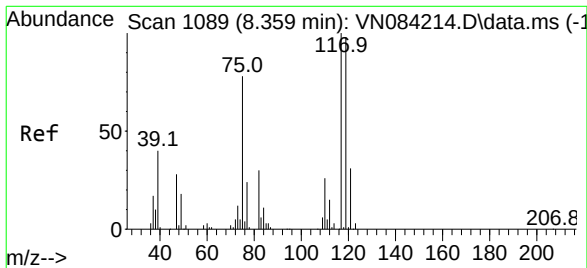
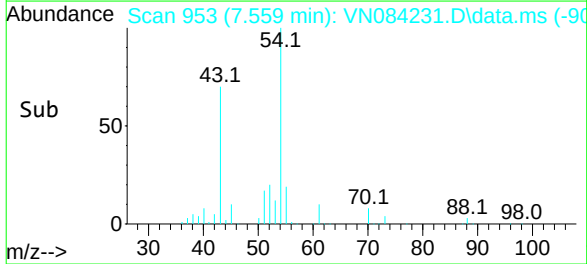
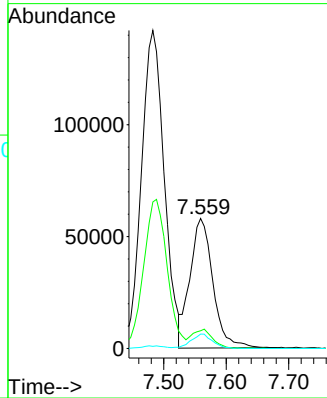
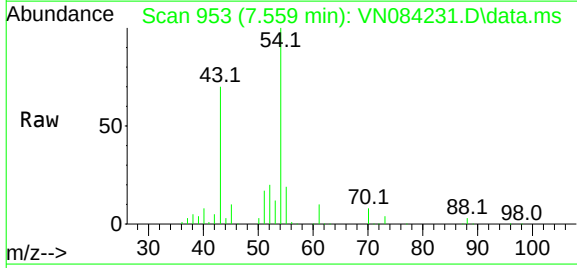
#37
Ethyl Acetate
Concen: 54.752 ug/l
RT: 7.559 min Scan# 953
Delta R.T. -0.000 min
Lab File: VN084231.D
Acq: 01 Oct 2024 11:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43	Resp: 148261
Ion Ratio	Lower Upper
43 100	
61 13.3	10.7 16.1
70 10.4	8.8 13.2

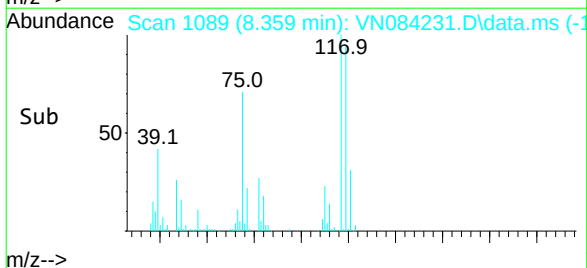
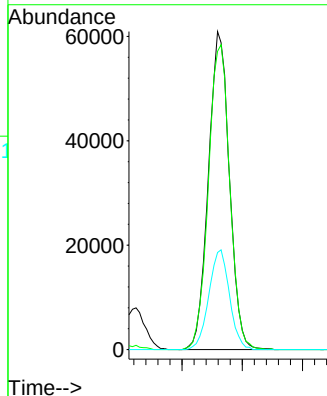
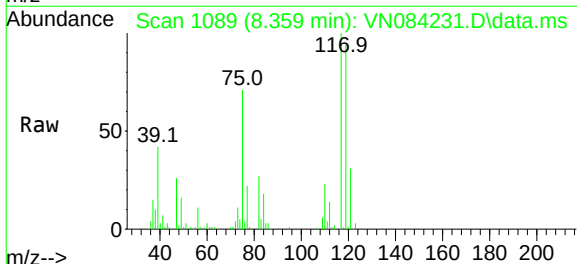
Manual Integrations
APPROVED

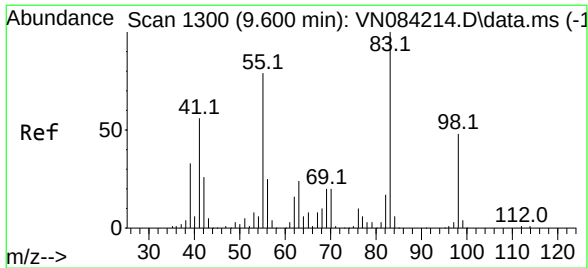
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#38
Carbon Tetrachloride
Concen: 50.883 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN084231.D
Acq: 01 Oct 2024 11:45

Tgt Ion: 117	Resp: 147324
Ion Ratio	Lower Upper
117 100	
119 93.8	78.7 118.1
121 30.5	24.4 36.6





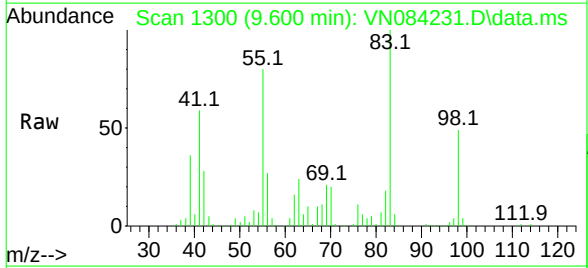
#39
Methylcyclohexane
Concen: 50.080 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VN084231.D
Acq: 01 Oct 2024 11:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



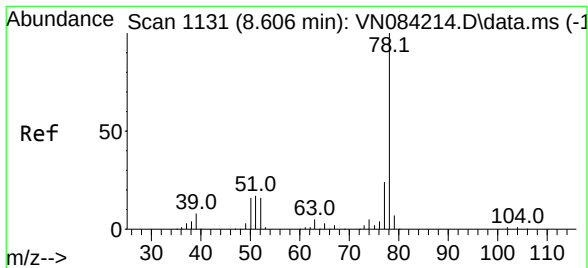
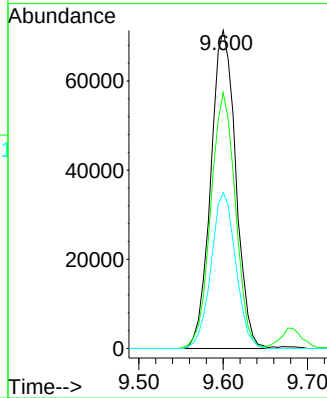
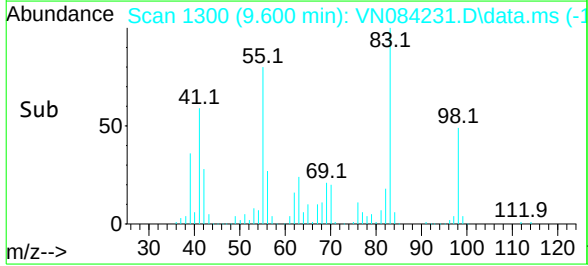
Tgt Ion: 83 Resp: 147118
Ion Ratio Lower Upper
83 100
55 80.4 62.8 94.2
98 49.0 38.8 58.2

Manual Integrations

APPROVED

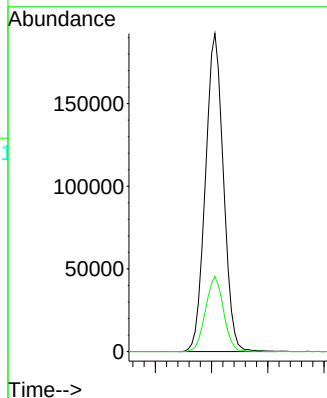
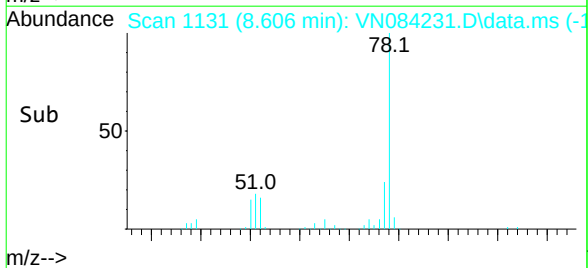
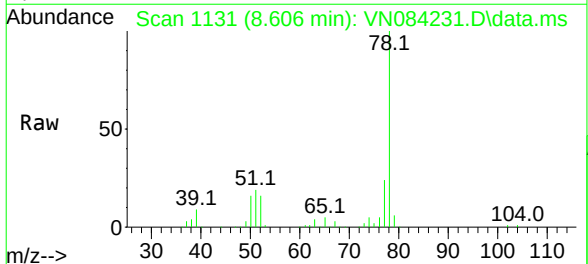
Reviewed By :John Carlone 10/02/2024

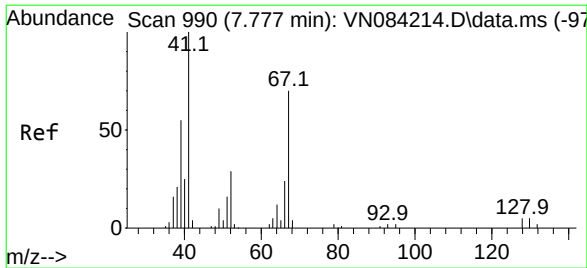
Supervised By :Semsettin Yesilyurt 10/02/2024



#40
Benzene
Concen: 52.077 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN084231.D
Acq: 01 Oct 2024 11:45

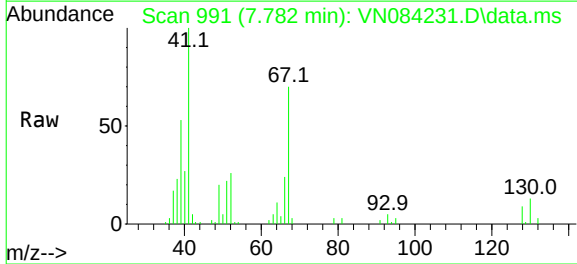
Tgt Ion: 78 Resp: 428264
Ion Ratio Lower Upper
78 100
77 23.6 19.1 28.7





#41
Methacrylonitrile
Concen: 55.899 ug/l
RT: 7.782 min Scan# 99
Delta R.T. 0.006 min
Lab File: VN084231.D
Acq: 01 Oct 2024 11:45

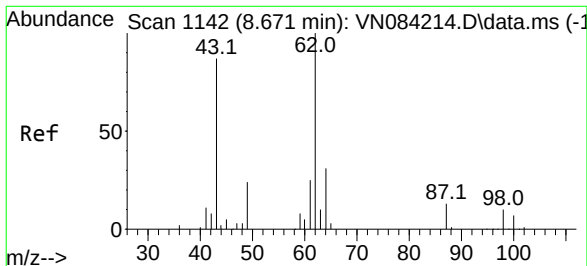
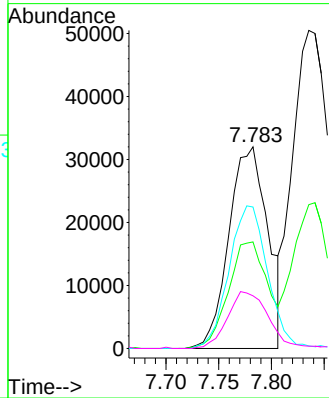
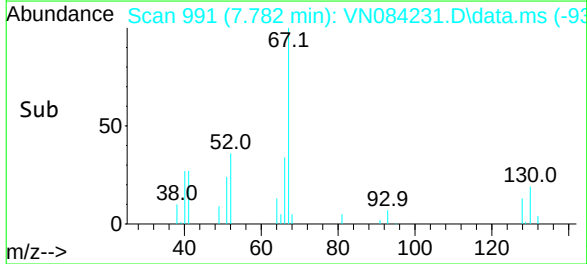
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 82176
Ion Ratio Lower Upper
41 100
39 53.3 43.3 64.9
67 70.6 56.1 84.1
52 29.8 24.5 36.7

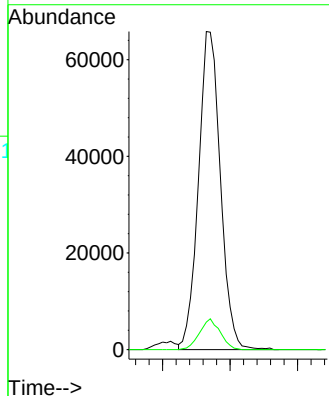
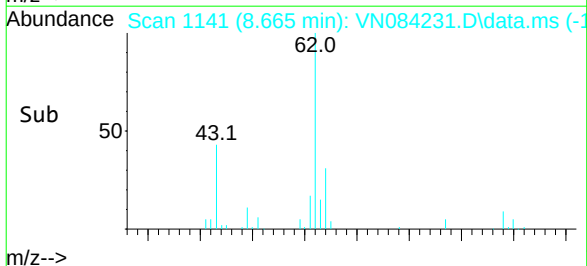
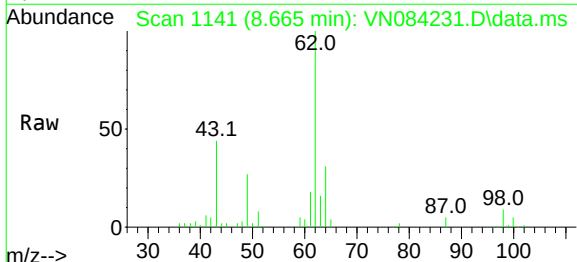
Manual Integrations
APPROVED

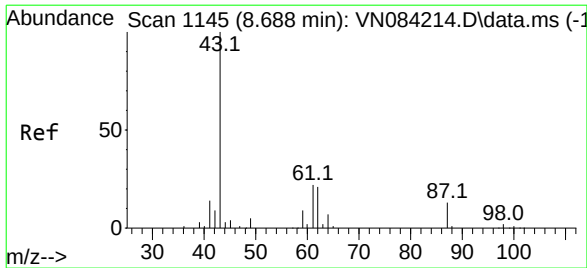
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#42
1,2-Dichloroethane
Concen: 53.381 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN084231.D
Acq: 01 Oct 2024 11:45

Tgt Ion: 62 Resp: 148822
Ion Ratio Lower Upper
62 100
98 9.1 0.0 18.2





#43

Isopropyl Acetate

Concen: 45.912 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN084231.D

Acq: 01 Oct 2024 11:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

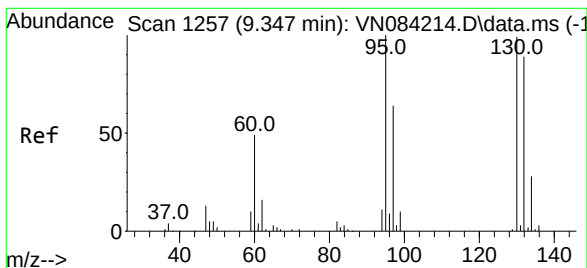
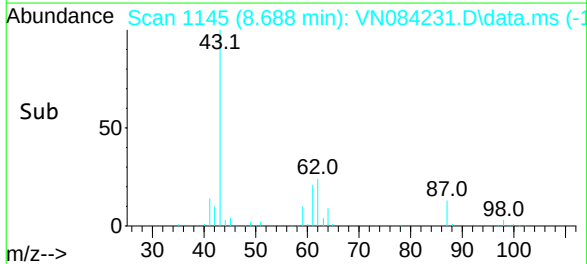
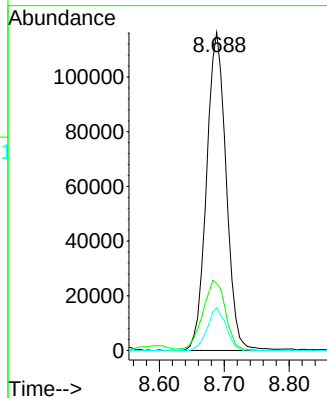
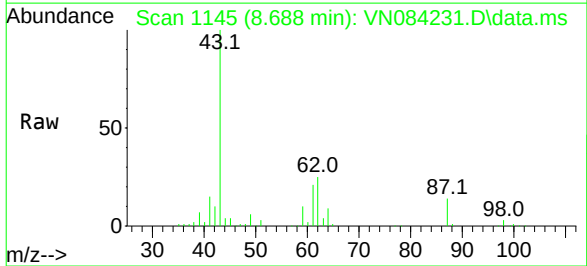
Tgt Ion:	43	Resp:	243513
Ion	Ratio	Lower	Upper
43	100		
61	25.7	20.4	30.6
87	12.9	10.3	15.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/02/2024

Supervised By :Semsettin Yesilyurt 10/02/2024



#44

Trichloroethene

Concen: 50.193 ug/l

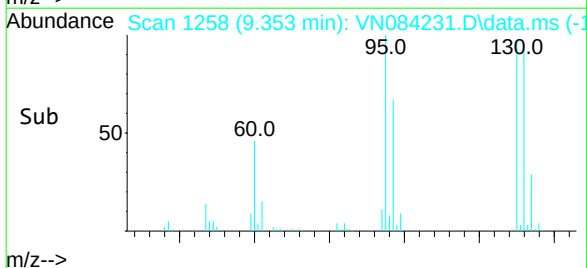
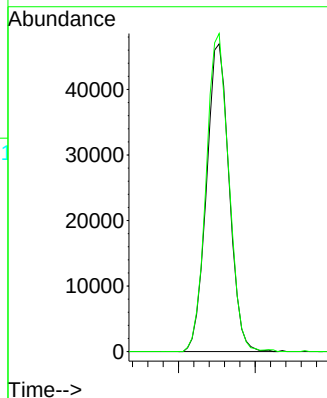
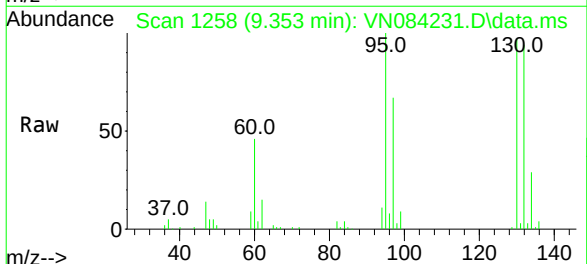
RT: 9.353 min Scan# 1258

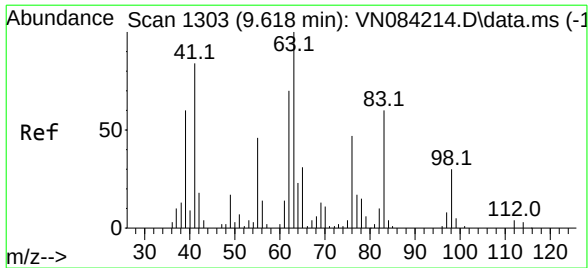
Delta R.T. 0.006 min

Lab File: VN084231.D

Acq: 01 Oct 2024 11:45

Tgt Ion:	130	Resp:	96407
Ion	Ratio	Lower	Upper
130	100		
95	103.4	0.0	203.0





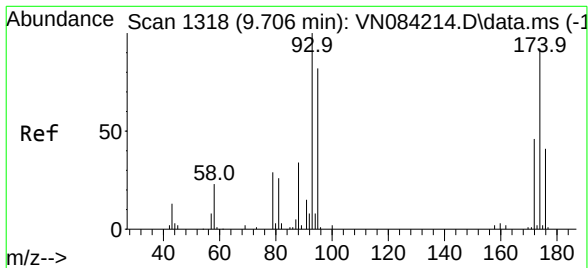
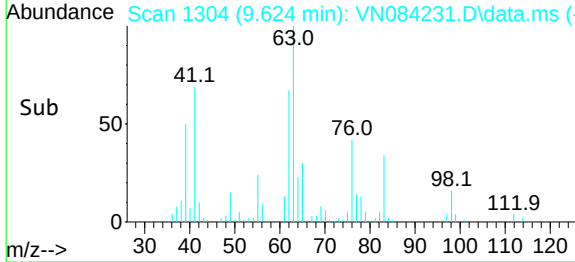
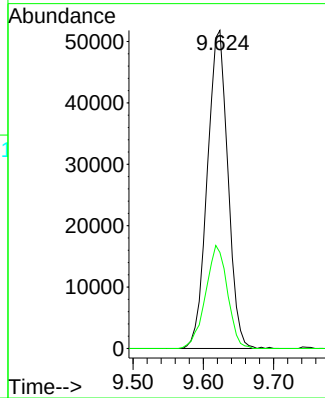
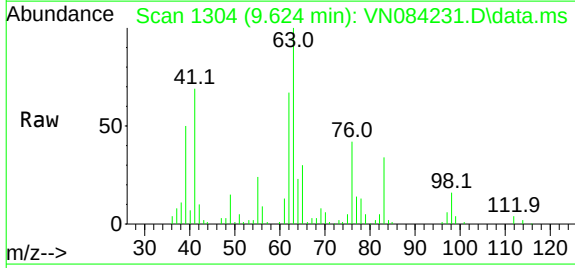
#45
1,2-Dichloropropane
Concen: 54.088 ug/l
RT: 9.624 min Scan# 1303
Delta R.T. 0.006 min
Lab File: VN084231.D
Acq: 01 Oct 2024 11:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 105223
Ion Ratio Lower Upper
63 100
65 30.2 24.6 37.0

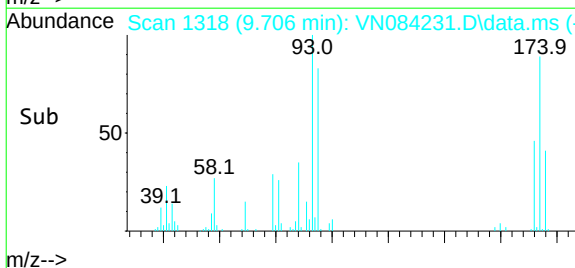
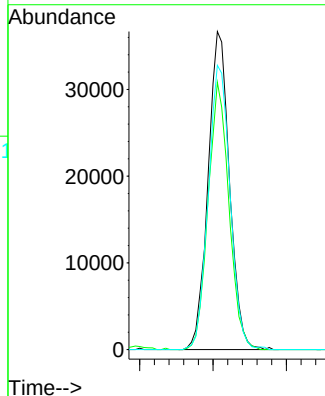
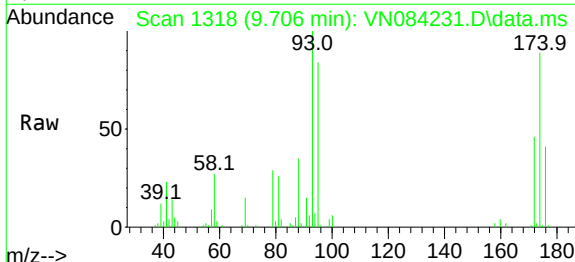
Manual Integrations
APPROVED

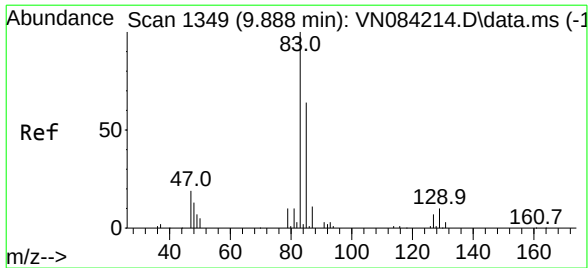
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#46
Dibromomethane
Concen: 56.718 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VN084231.D
Acq: 01 Oct 2024 11:45

Tgt Ion: 93 Resp: 74461
Ion Ratio Lower Upper
93 100
95 81.6 65.0 97.4
174 90.9 71.8 107.8





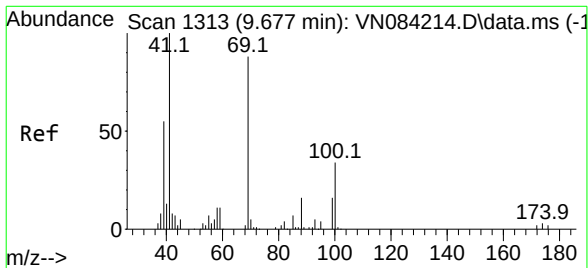
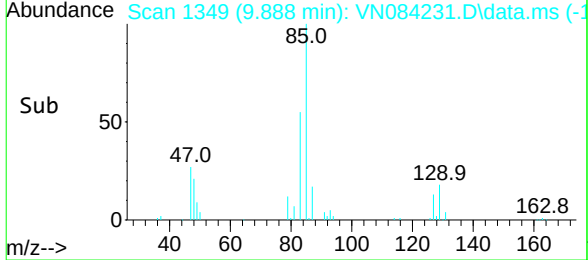
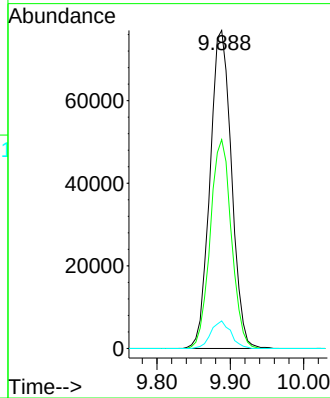
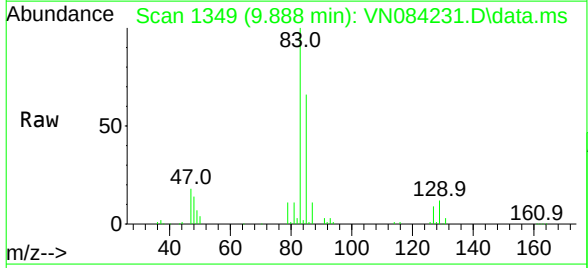
#47
Bromodichloromethane
Concen: 53.773 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN084231.D
Acq: 01 Oct 2024 11:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 156840
Ion Ratio Lower Upper
83 100
85 65.7 51.5 77.3
127 8.7 5.7 8.5#

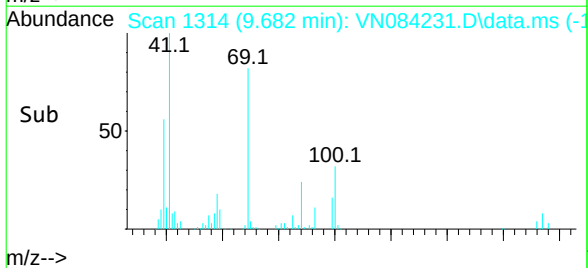
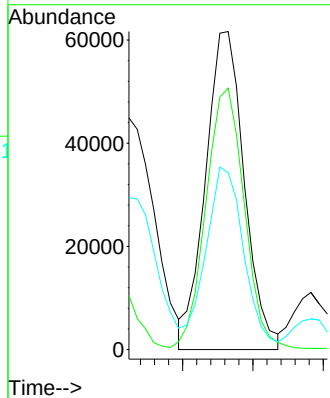
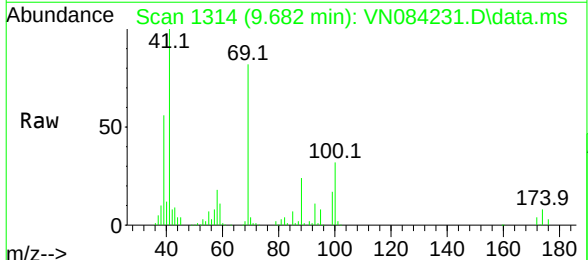
Manual Integrations
APPROVED

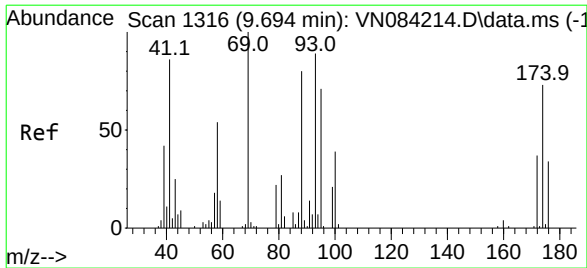
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#48
Methyl methacrylate
Concen: 56.059 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.006 min
Lab File: VN084231.D
Acq: 01 Oct 2024 11:45

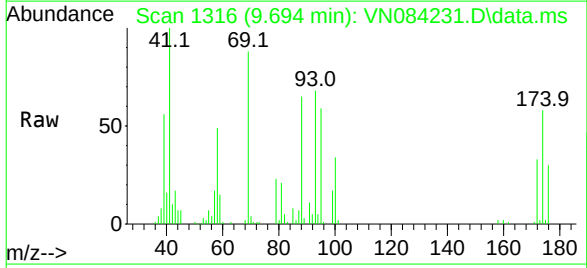
Tgt Ion: 41 Resp: 118359
Ion Ratio Lower Upper
41 100
69 80.7 67.1 100.7
39 56.7 45.8 68.6





#49
1,4-Dioxane
Concen: 1087.340 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN084231.D
Acq: 01 Oct 2024 11:45

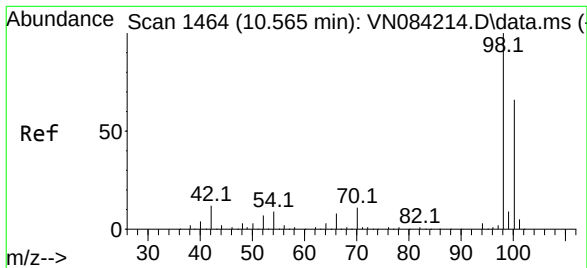
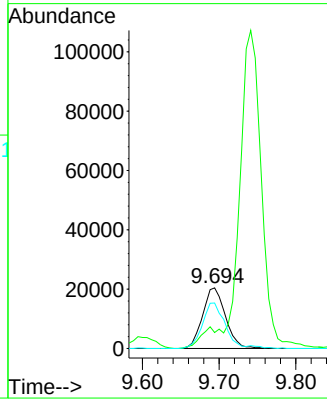
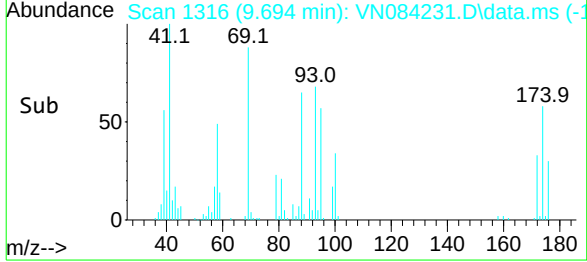
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 42265
Ion Ratio Lower Upper
88 100
43 22.7 25.3 37.9#
58 73.6 56.4 84.6

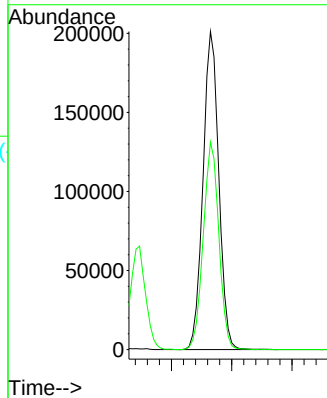
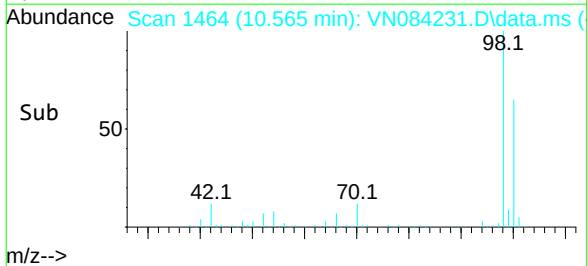
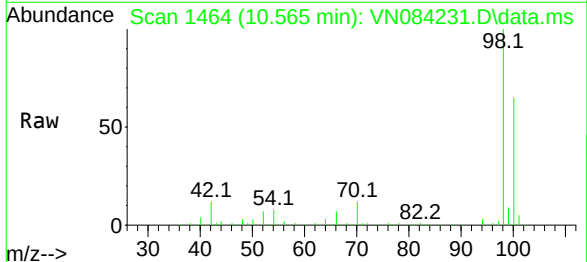
Manual Integrations
APPROVED

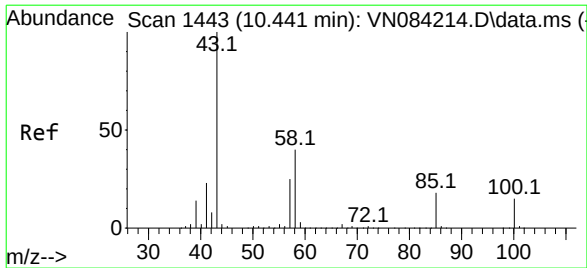
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#50
Toluene-d8
Concen: 54.620 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084231.D
Acq: 01 Oct 2024 11:45

Tgt Ion: 98 Resp: 365160
Ion Ratio Lower Upper
98 100
100 64.6 52.7 79.1





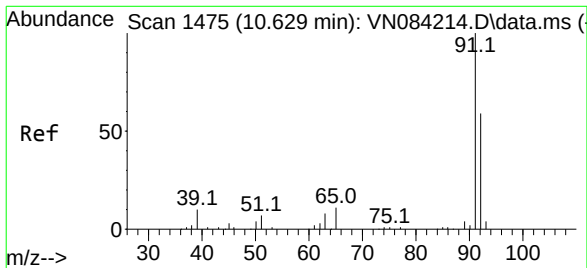
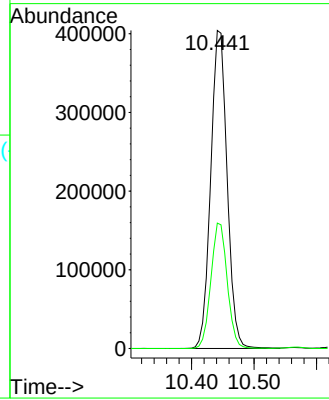
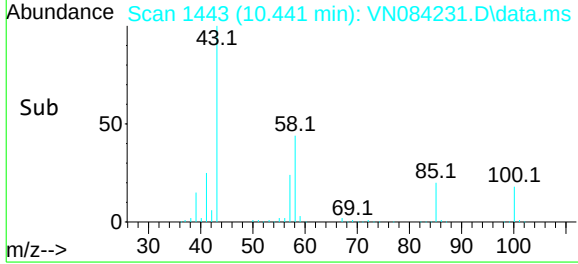
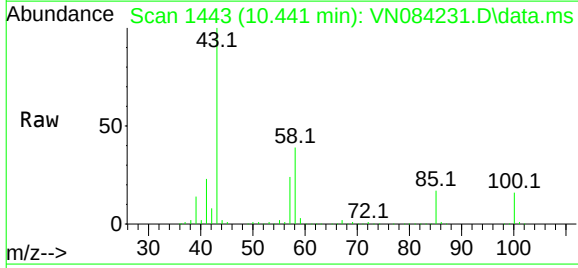
#51
4-Methyl-2-Pentanone
Concen: 285.885 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN084231.D
Acq: 01 Oct 2024 11:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 736947
Ion Ratio Lower Upper
43 100
58 39.3 31.6 47.4

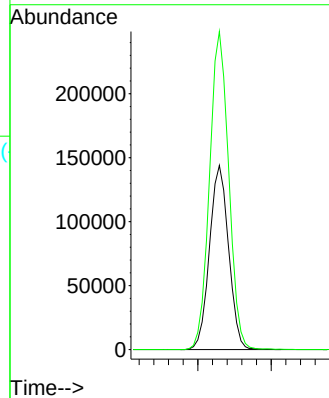
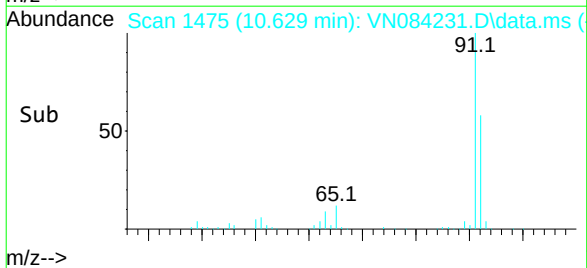
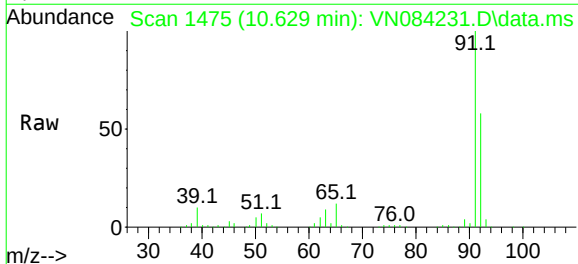
Manual Integrations
APPROVED

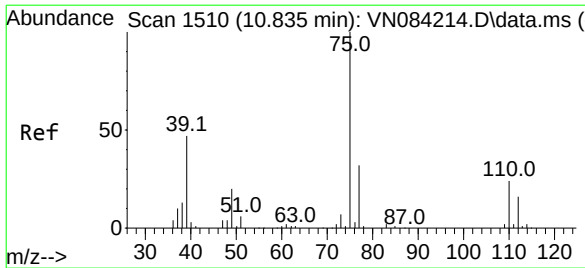
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#52
Toluene
Concen: 51.923 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN084231.D
Acq: 01 Oct 2024 11:45

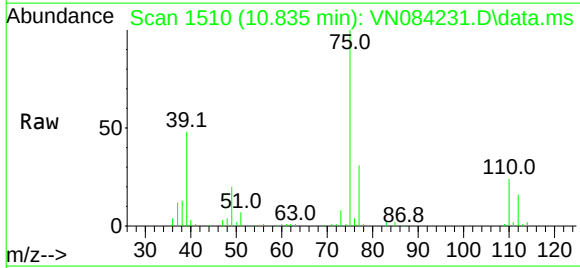
Tgt Ion: 92 Resp: 260384
Ion Ratio Lower Upper
92 100
91 173.3 137.3 205.9





#53
t-1,3-Dichloropropene
Concen: 52.874 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN084231.D
Acq: 01 Oct 2024 11:45

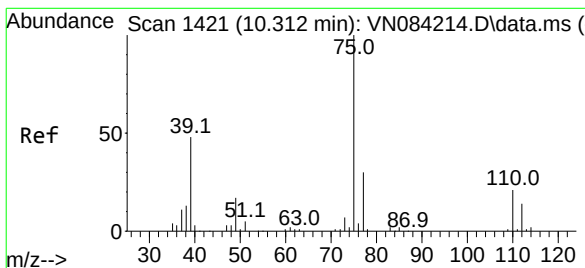
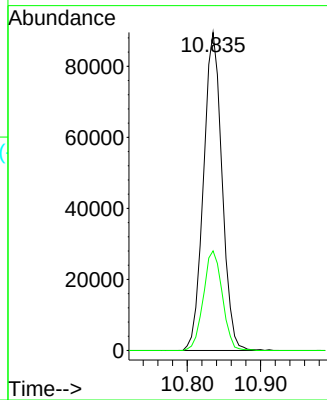
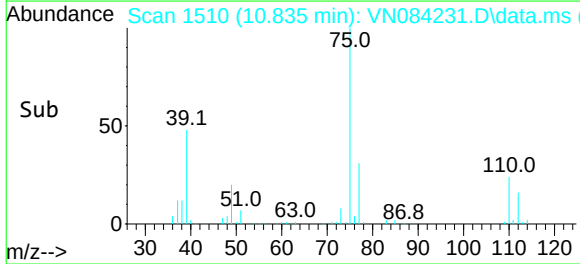
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 157202
Ion Ratio Lower Upper
75 100
77 31.3 25.4 38.0

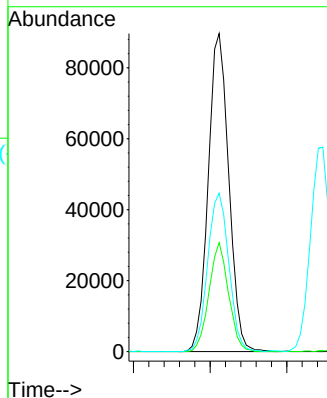
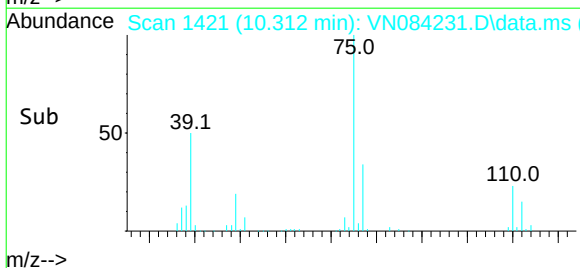
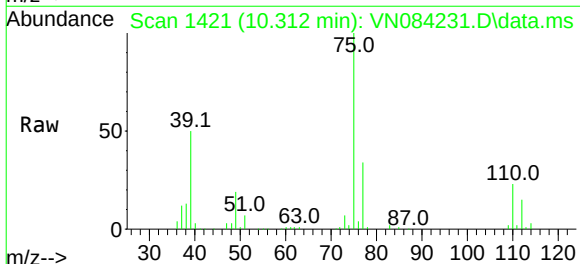
Manual Integrations
APPROVED

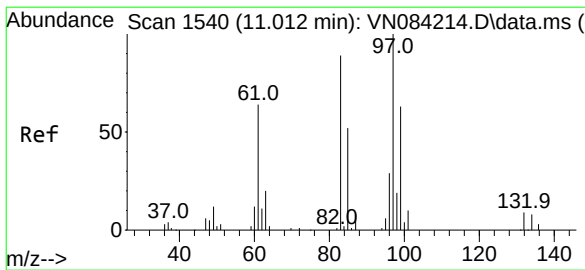
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#54
cis-1,3-Dichloropropene
Concen: 52.173 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN084231.D
Acq: 01 Oct 2024 11:45

Tgt Ion: 75 Resp: 166850
Ion Ratio Lower Upper
75 100
77 34.2 24.2 36.2
39 49.8 38.7 58.1





#55

1,1,2-Trichloroethane

Concen: 55.268 ug/l

RT: 11.018 min Scan# 1540

Delta R.T. 0.006 min

Lab File: VN084231.D

Acq: 01 Oct 2024 11:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 99358

Ion Ratio Lower Upper

97 100

83 87.7 71.0 106.4

85 58.1 41.7 62.5

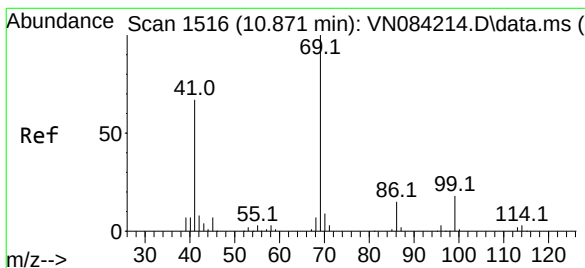
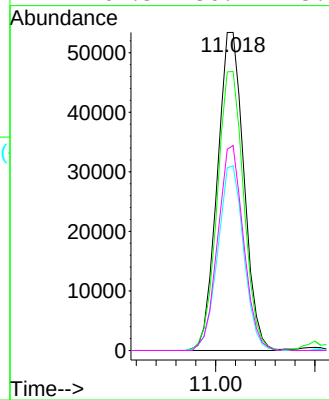
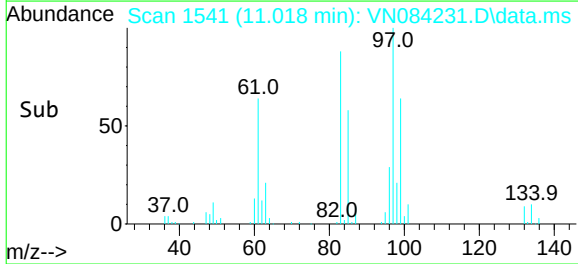
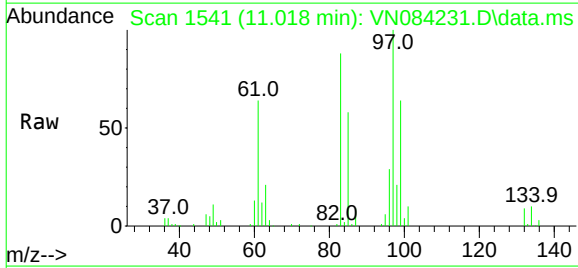
99 64.5 50.1 75.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/02/2024

Supervised By :Semsettin Yesilyurt 10/02/2024



#56

Ethyl methacrylate

Concen: 56.113 ug/l

RT: 10.871 min Scan# 1516

Delta R.T. -0.000 min

Lab File: VN084231.D

Acq: 01 Oct 2024 11:45

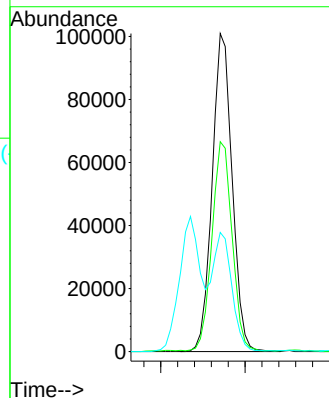
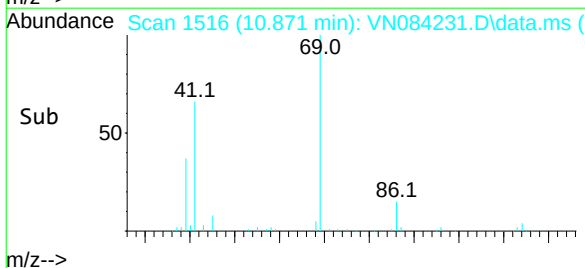
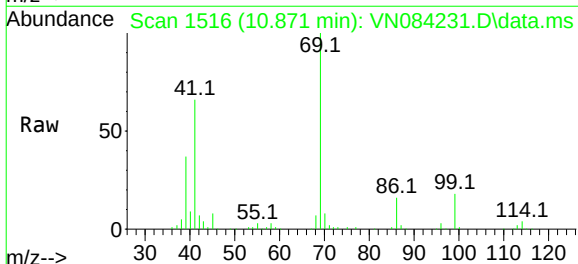
Tgt Ion: 69 Resp: 165991

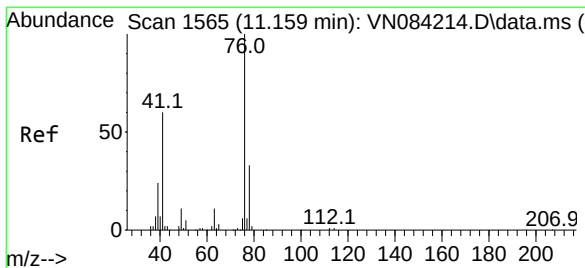
Ion Ratio Lower Upper

69 100

41 66.2 53.3 79.9

39 36.6 28.8 43.2





#57

1,3-Dichloropropane

Concen: 54.498 ug/l

RT: 11.165 min Scan# 1565

Delta R.T. 0.006 min

Lab File: VN084231.D

Acq: 01 Oct 2024 11:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 175066

Ion Ratio Lower Upper

76 100

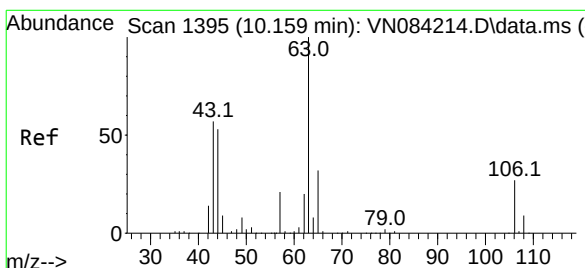
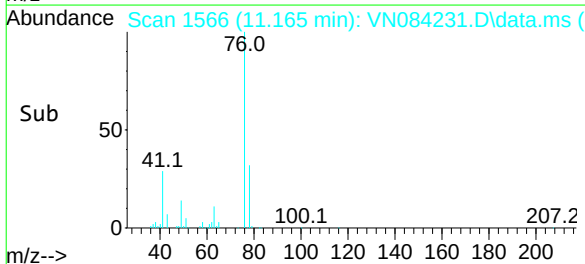
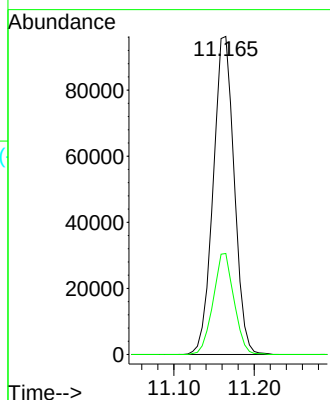
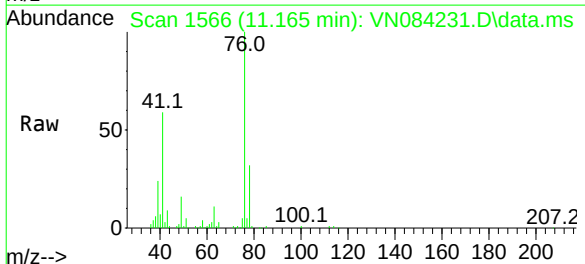
78 31.5 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/02/2024

Supervised By :Semsettin Yesilyurt 10/02/2024



#58

2-Chloroethyl Vinyl ether

Concen: 276.247 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN084231.D

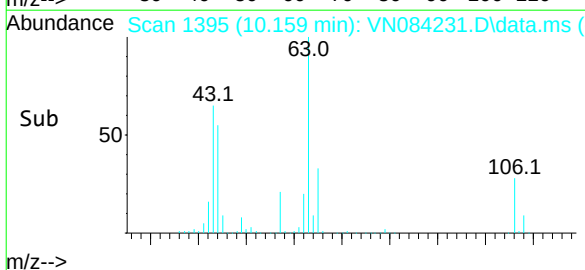
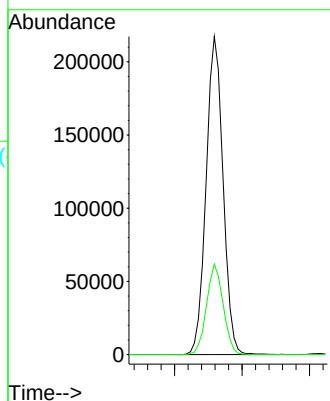
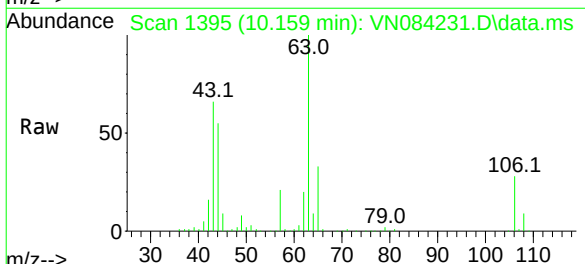
Acq: 01 Oct 2024 11:45

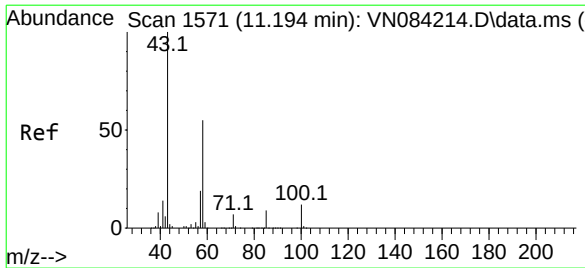
Tgt Ion: 63 Resp: 379082

Ion Ratio Lower Upper

63 100

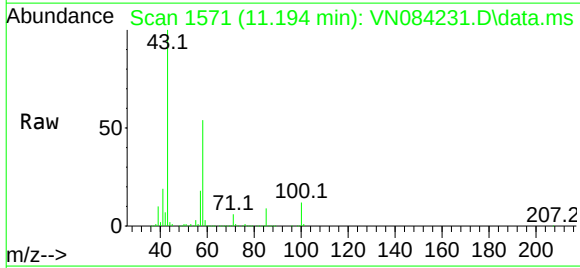
106 27.8 21.8 32.6





#59
2-Hexanone
Concen: 283.840 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN084231.D
Acq: 01 Oct 2024 11:45

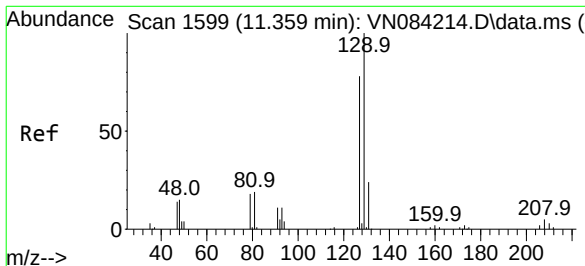
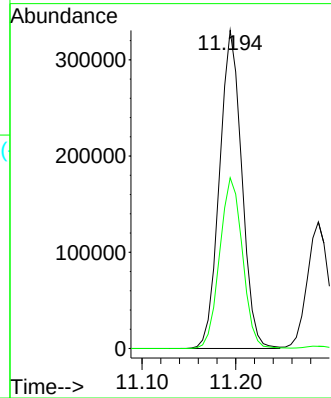
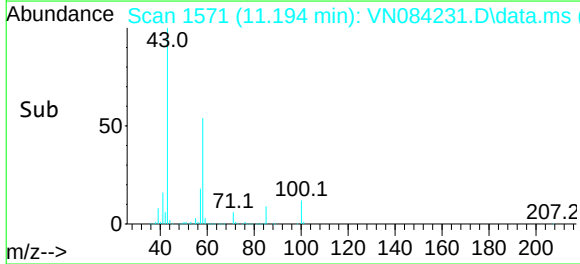
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 546865
Ion Ratio Lower Upper
43 100
58 54.8 27.3 81.8

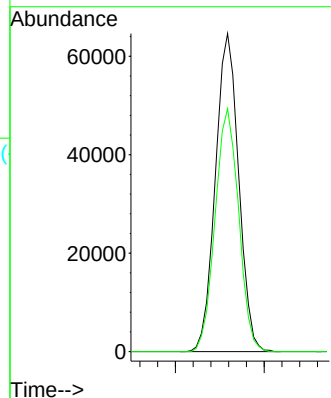
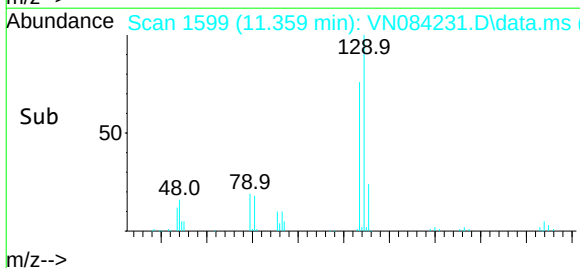
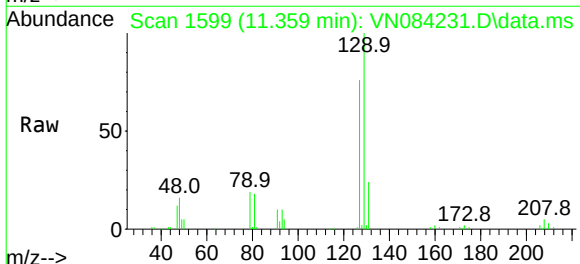
Manual Integrations
APPROVED

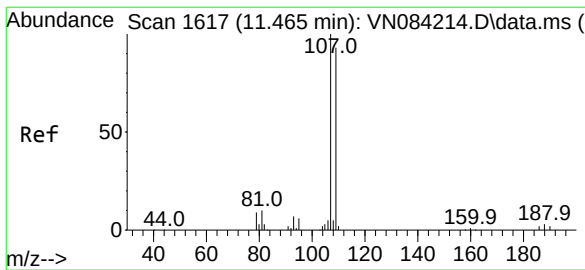
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#60
Dibromochloromethane
Concen: 55.367 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN084231.D
Acq: 01 Oct 2024 11:45

Tgt Ion:129 Resp: 117606
Ion Ratio Lower Upper
129 100
127 77.1 38.3 114.9





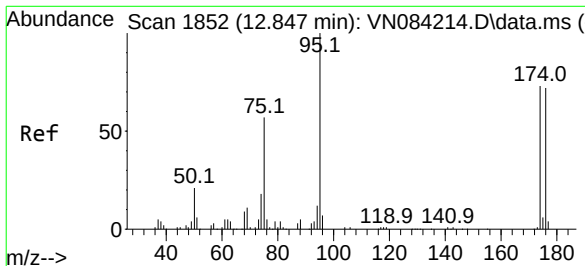
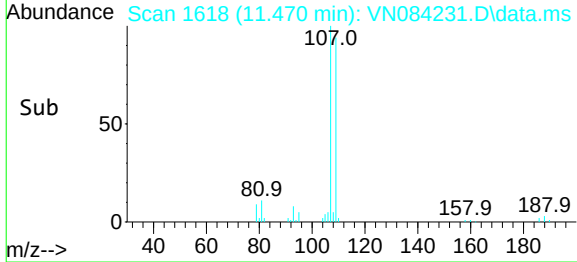
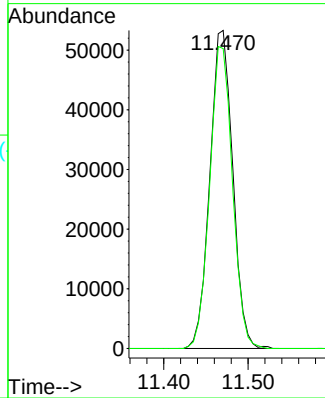
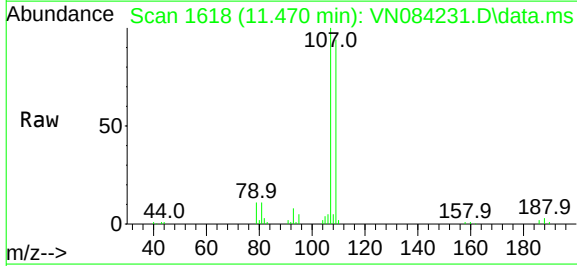
#61
1,2-Dibromoethane
Concen: 53.758 ug/l
RT: 11.470 min Scan# 1617
Delta R.T. 0.006 min
Lab File: VN084231.D
Acq: 01 Oct 2024 11:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 107 Resp: 100422
Ion Ratio Lower Upper
107 100
109 94.7 75.4 113.0

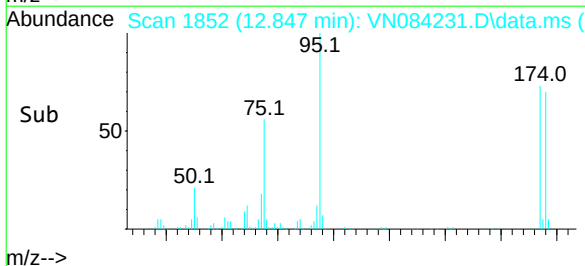
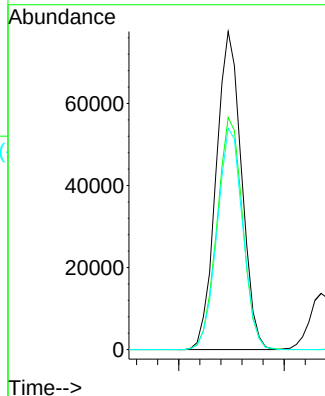
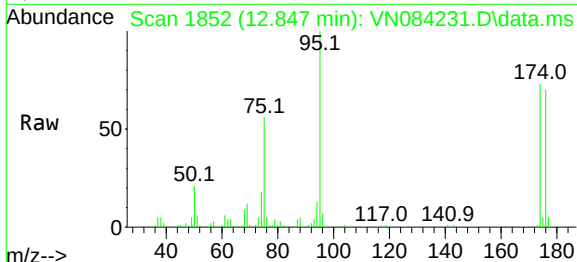
Manual Integrations
APPROVED

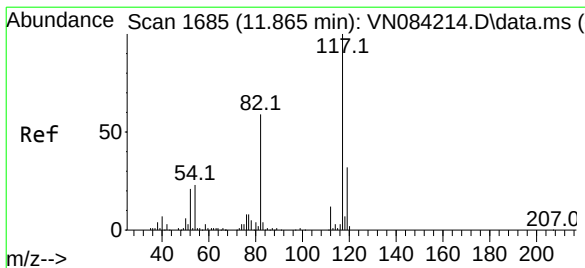
Reviewed By : John Carlone 10/02/2024
Supervised By : Semsettin Yesilyurt 10/02/2024



#62
4-Bromofluorobenzene
Concen: 53.425 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084231.D
Acq: 01 Oct 2024 11:45

Tgt Ion: 95 Resp: 130121
Ion Ratio Lower Upper
95 100
174 73.4 0.0 145.2
176 70.2 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: VN084231.D
Acq: 01 Oct 2024 11:45

Instrument :

MSVOA_N

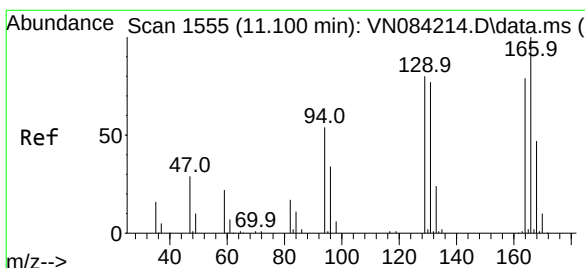
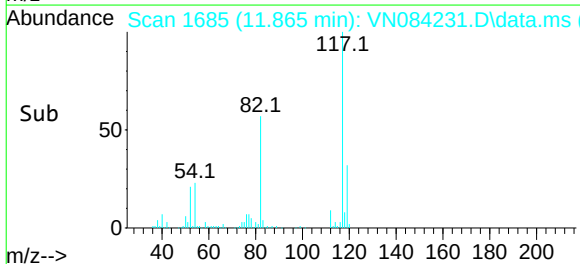
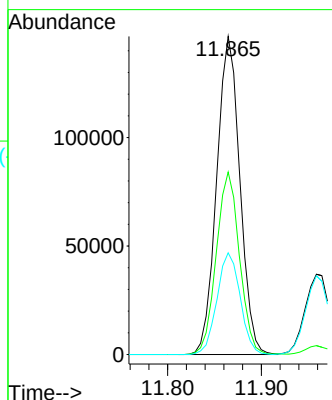
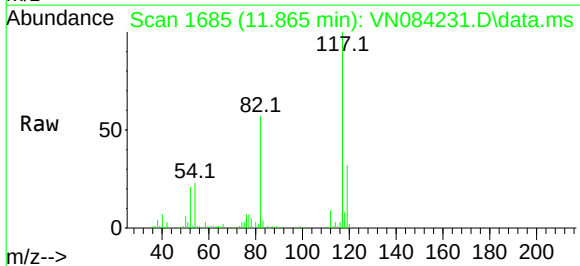
ClientSampleId :

VSTDCCC050

Tgt Ion:117 Resp: 252281
Ion Ratio Lower Upper
117 100
82 57.4 47.2 70.8
119 32.0 25.4 38.0

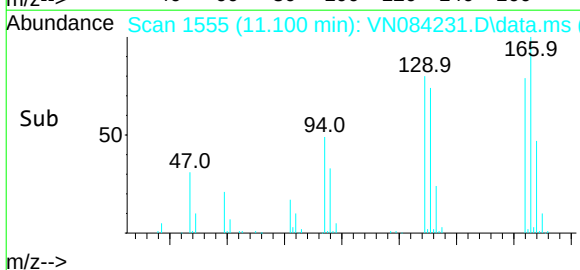
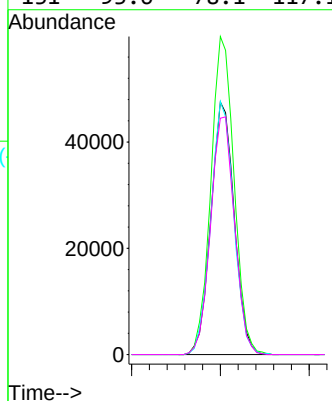
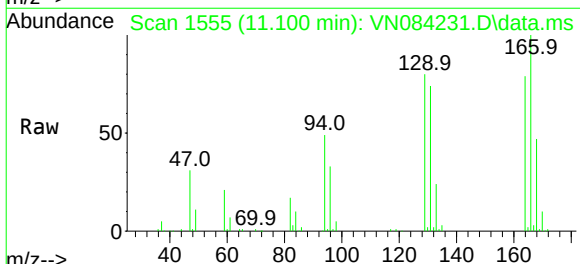
Manual Integrations
APPROVED

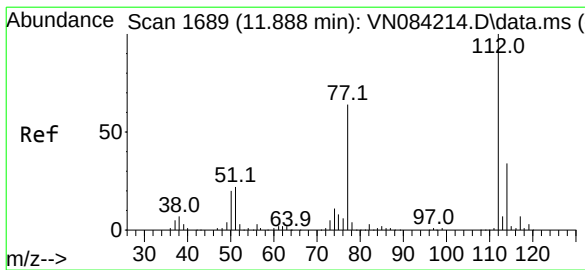
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#64
Tetrachloroethene
Concen: 49.334 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN084231.D
Acq: 01 Oct 2024 11:45

Tgt Ion:164 Resp: 86689
Ion Ratio Lower Upper
164 100
166 125.9 101.0 151.4
129 100.2 80.8 121.2
131 93.6 78.1 117.1





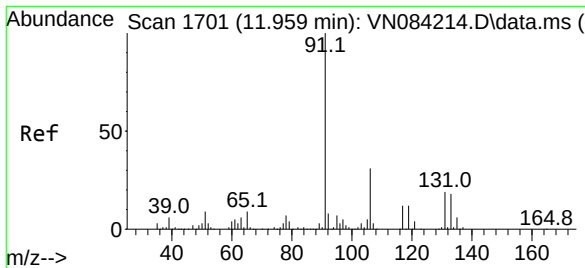
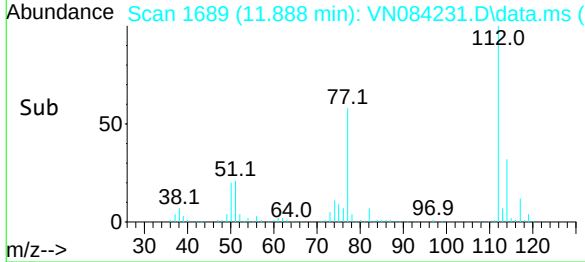
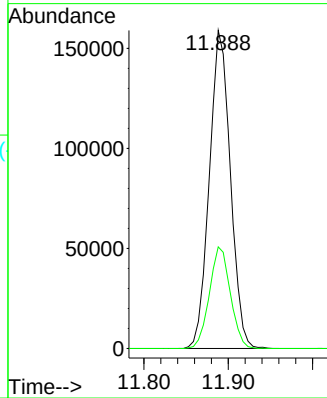
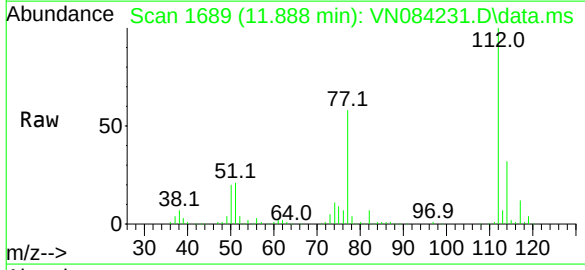
#65
Chlorobenzene
Concen: 49.172 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN084231.D
Acq: 01 Oct 2024 11:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 275052
Ion Ratio Lower Upper
112 100
114 32.0 27.0 40.6

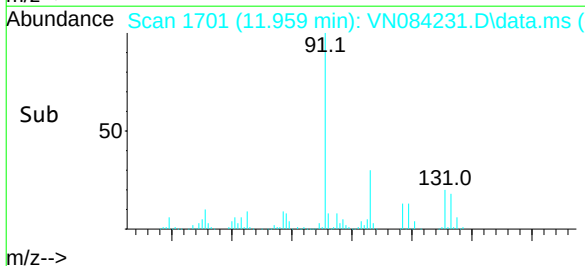
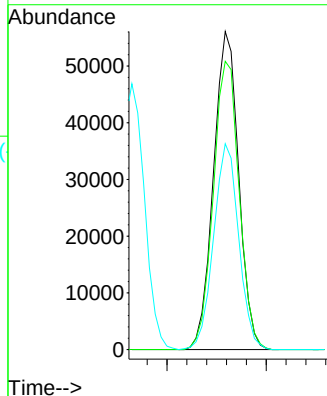
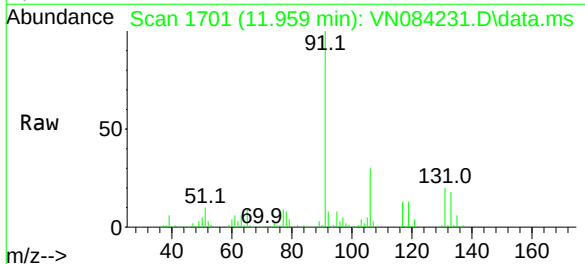
Manual Integrations
APPROVED

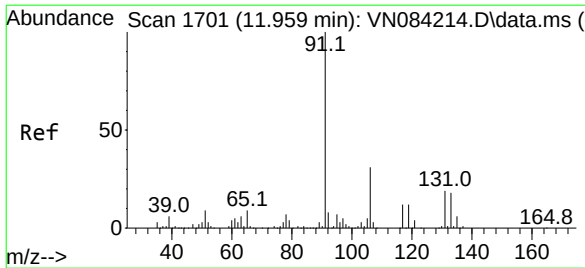
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 51.278 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN084231.D
Acq: 01 Oct 2024 11:45

Tgt Ion:131 Resp: 98797
Ion Ratio Lower Upper
131 100
133 93.2 47.9 143.7
119 64.6 32.8 98.3





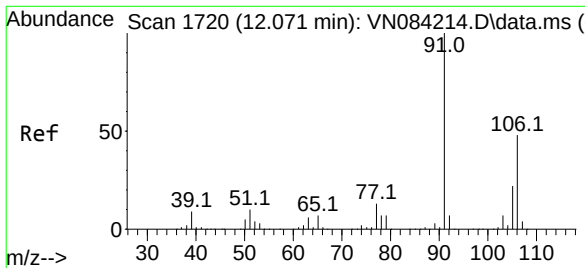
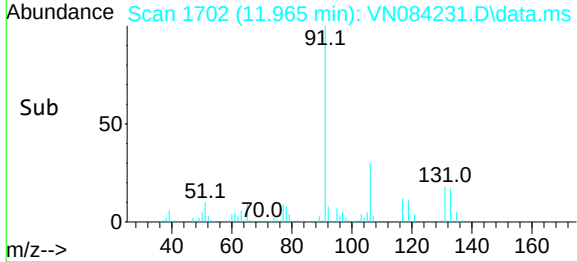
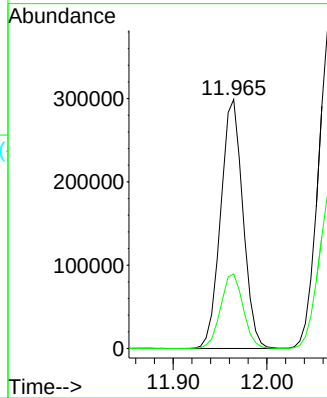
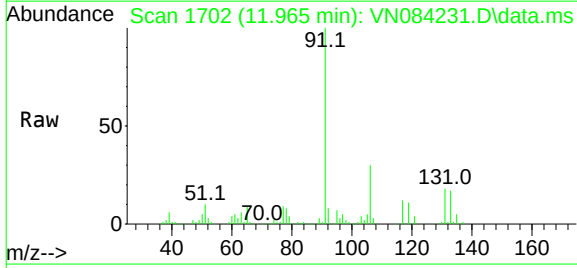
#67
Ethyl Benzene
Concen: 49.880 ug/l
RT: 11.965 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VN084231.D
Acq: 01 Oct 2024 11:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 493436
Ion Ratio Lower Upper
91 100
106 29.9 24.5 36.7

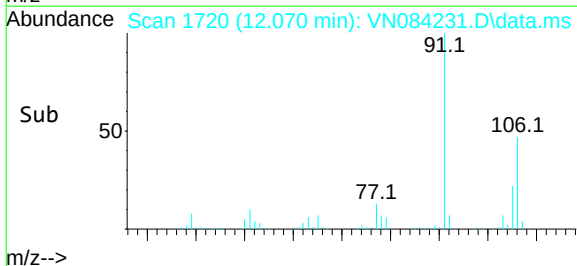
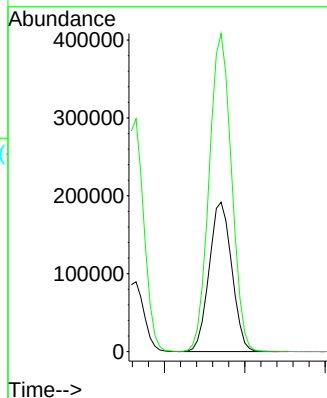
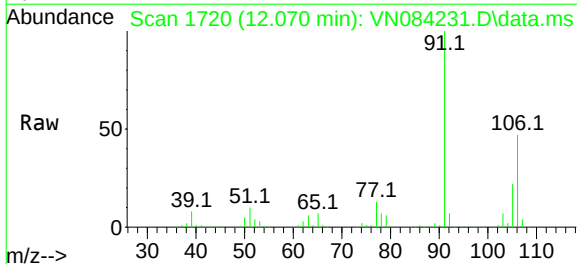
Manual Integrations
APPROVED

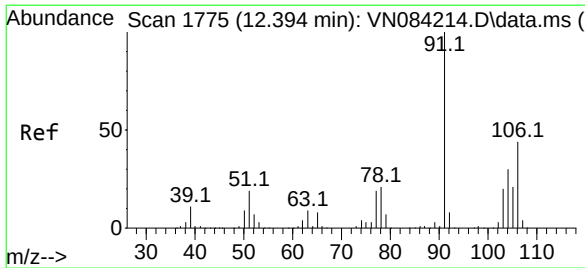
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#68
m/p-Xylenes
Concen: 102.528 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN084231.D
Acq: 01 Oct 2024 11:45

Tgt Ion:106 Resp: 375172
Ion Ratio Lower Upper
106 100
91 210.7 167.1 250.7





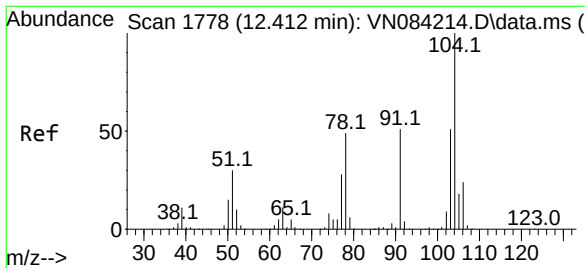
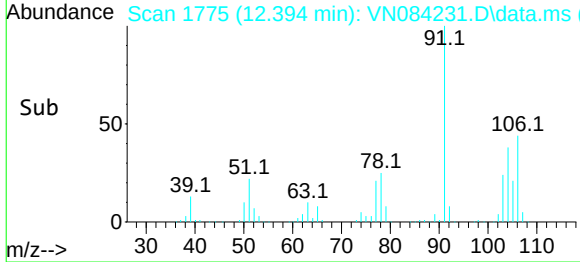
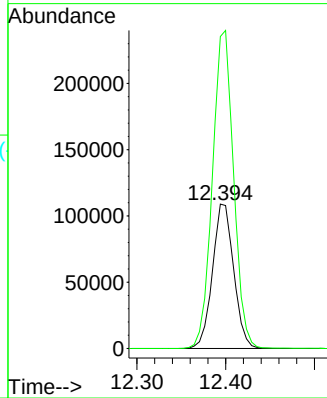
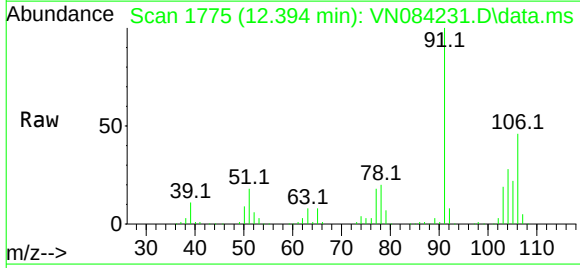
#69
o-Xylene
Concen: 52.220 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN084231.D
Acq: 01 Oct 2024 11:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 180787
Ion Ratio Lower Upper
106 100
91 220.0 110.2 330.6

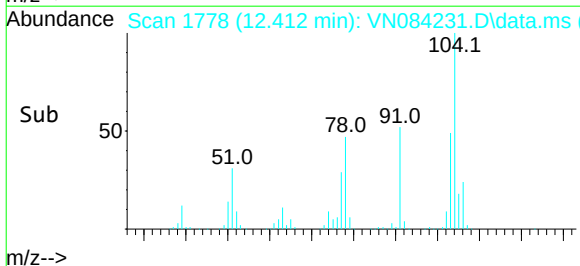
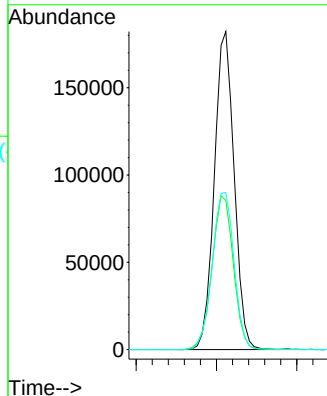
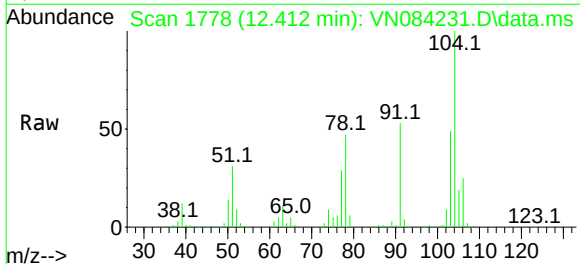
Manual Integrations
APPROVED

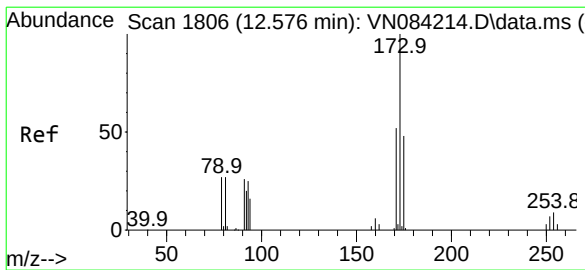
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#70
Styrene
Concen: 53.186 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN084231.D
Acq: 01 Oct 2024 11:45

Tgt Ion:104 Resp: 311884
Ion Ratio Lower Upper
104 100
78 52.0 42.7 64.1
103 54.4 43.6 65.4





#71

Bromoform

Concen: 54.114 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VN084231.D

Acq: 01 Oct 2024 11:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

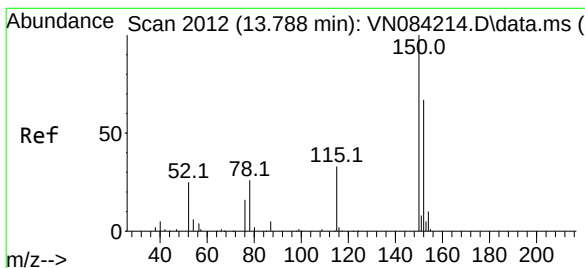
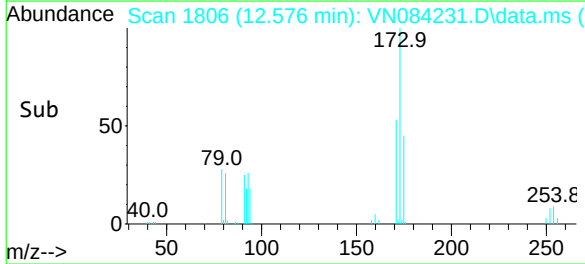
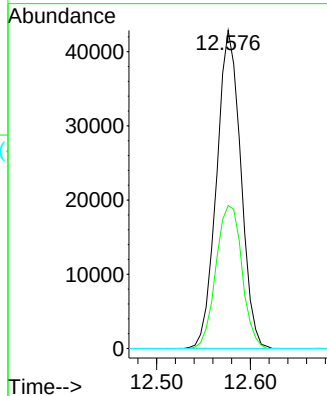
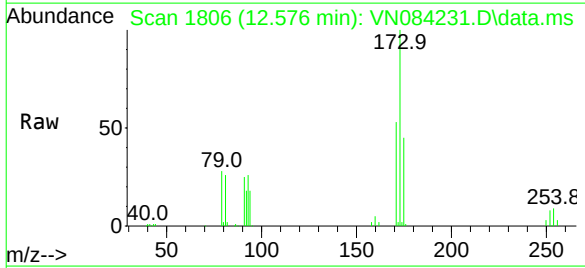
Tgt Ion:	173	Resp:	76759
Ion Ratio	Lower	Upper	
173	100		
175	48.2	23.5	70.6
254	0.0	0.0	0.0

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

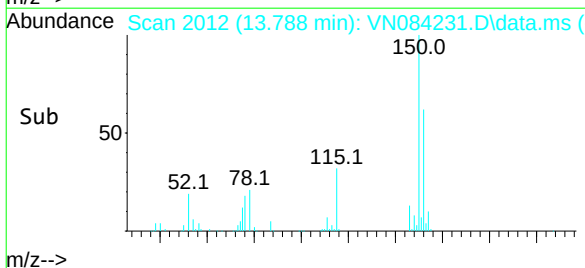
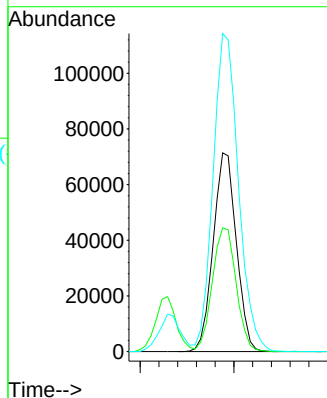
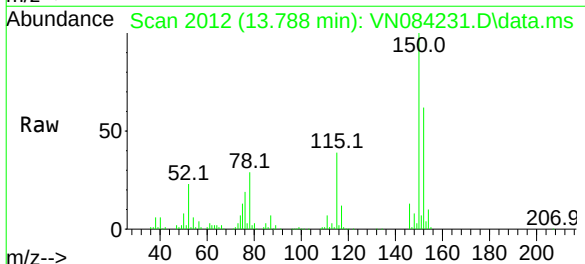
RT: 13.788 min Scan# 2012

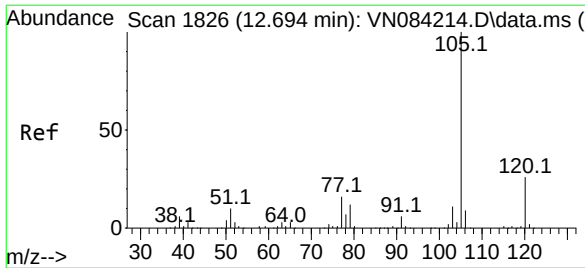
Delta R.T. -0.000 min

Lab File: VN084231.D

Acq: 01 Oct 2024 11:45

Tgt Ion:	152	Resp:	122160
Ion Ratio	Lower	Upper	
152	100		
115	64.0	31.3	93.9
150	176.1	0.0	349.8





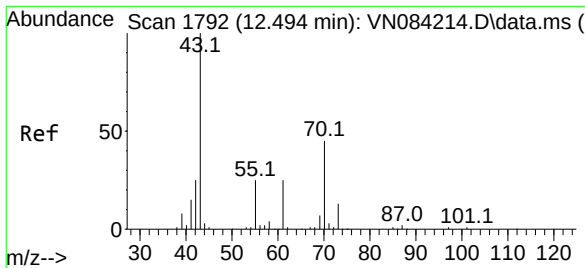
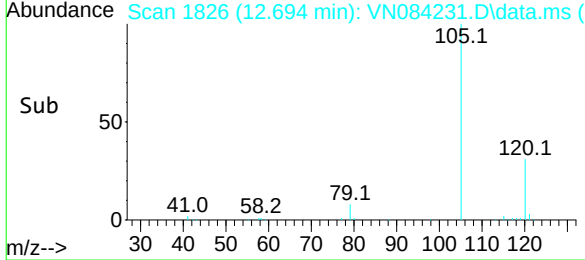
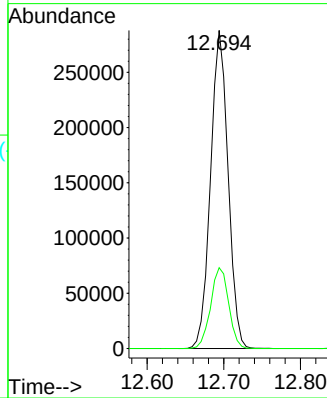
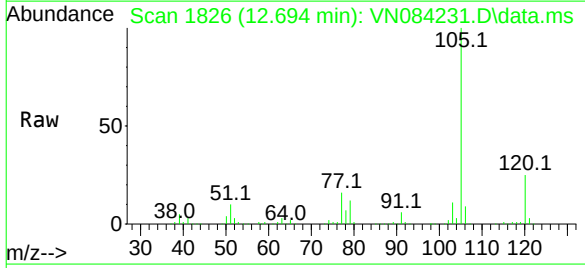
#73
Isopropylbenzene
Concen: 48.987 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN084231.D
Acq: 01 Oct 2024 11:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 456654
Ion Ratio Lower Upper
105 100
120 26.1 12.9 38.7

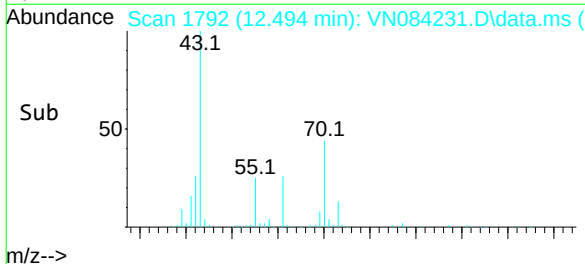
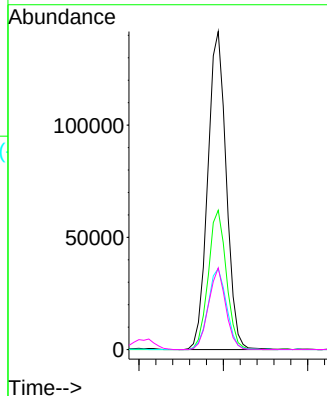
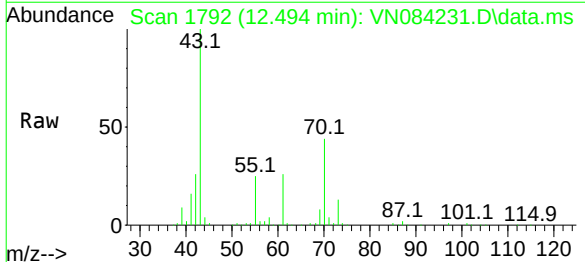
Manual Integrations
APPROVED

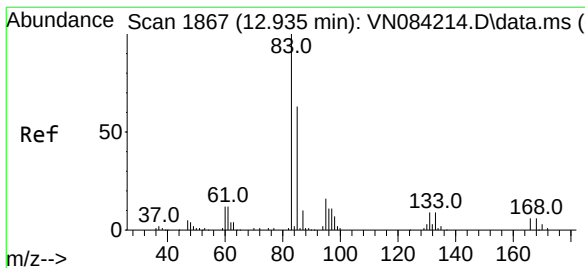
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#74
N-ethyl acetate
Concen: 51.102 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN084231.D
Acq: 01 Oct 2024 11:45

Tgt Ion: 43 Resp: 215717
Ion Ratio Lower Upper
43 100
70 42.8 34.4 51.6
55 25.6 19.6 29.4
61 23.9 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 51.301 ug/l

RT: 12.935 min Scan# 18

Delta R.T. -0.000 min

Lab File: VN084231.D

Acq: 01 Oct 2024 11:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

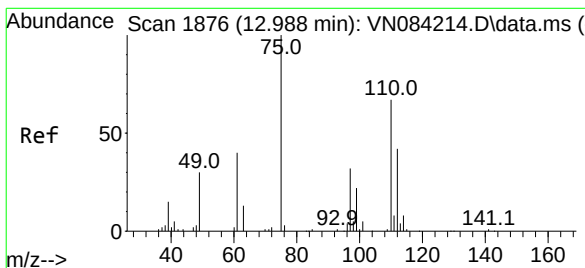
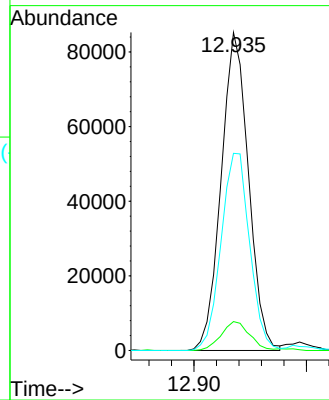
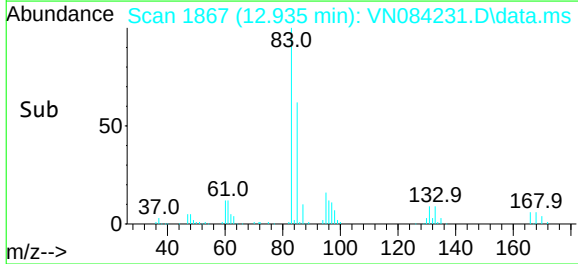
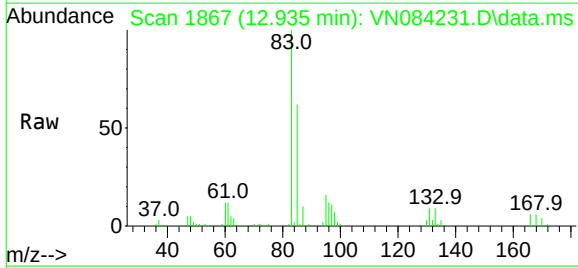
Tgt Ion:	83	Resp:	143798
Ion	Ratio	Lower	Upper
83	100		
131	9.8	4.9	14.7
85	64.9	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/02/2024

Supervised By :Semsettin Yesilyurt 10/02/2024



#76

1,2,3-Trichloropropane

Concen: 49.759 ug/l m

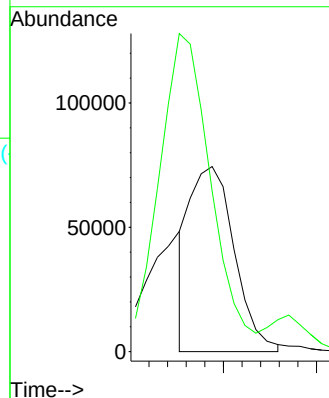
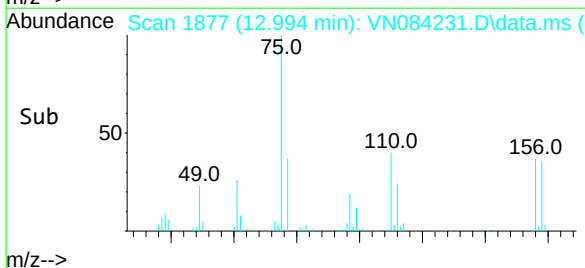
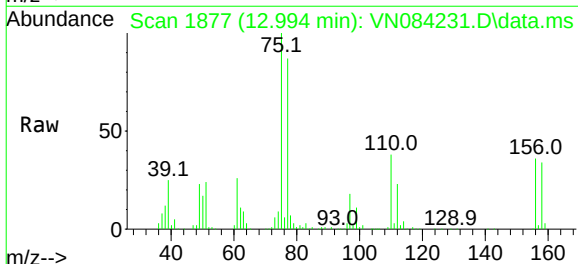
RT: 12.994 min Scan# 1877

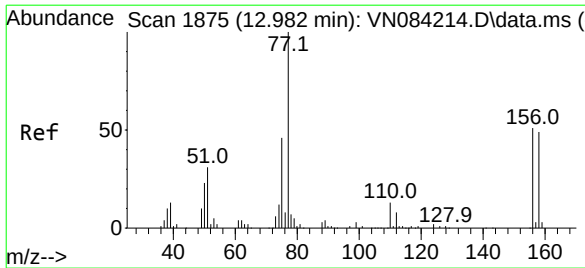
Delta R.T. 0.006 min

Lab File: VN084231.D

Acq: 01 Oct 2024 11:45

Tgt Ion:	75	Resp:	124095
Ion	Ratio	Lower	Upper
75	100		
77	201.0	96.9	290.7





#77

Bromobenzene

Concen: 48.799 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN084231.D

Acq: 01 Oct 2024 11:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

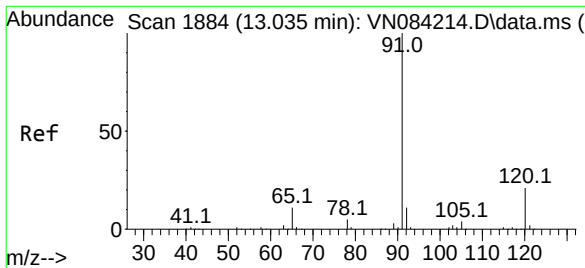
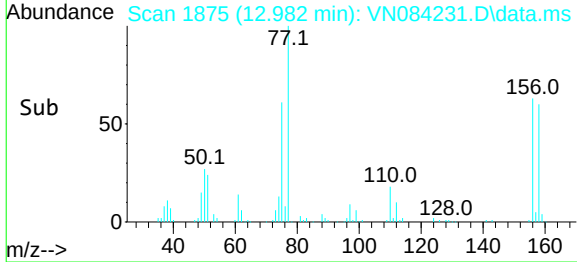
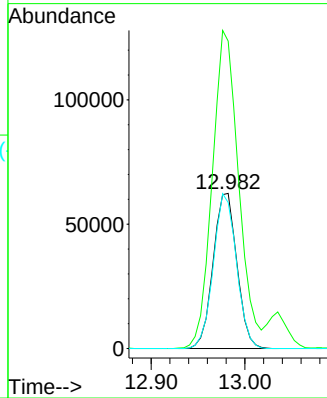
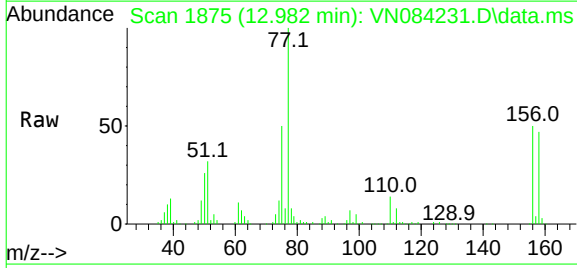
Tgt Ion:	156	Resp:	109727
Ion Ratio	Lower	Upper	
156	100		
77	227.3	115.1	345.3
158	97.4	48.9	146.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/02/2024

Supervised By :Semsettin Yesilyurt 10/02/2024



#78

n-propylbenzene

Concen: 50.971 ug/l

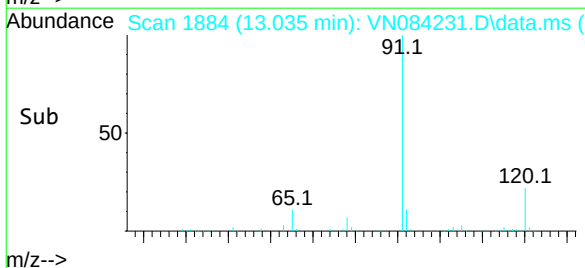
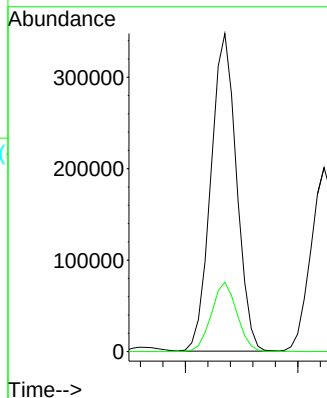
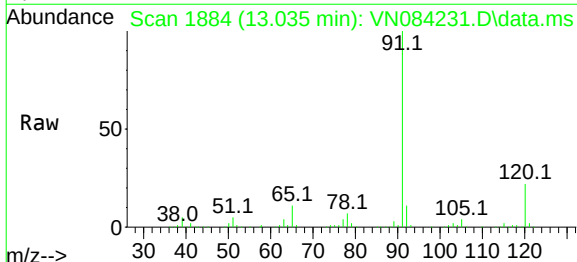
RT: 13.035 min Scan# 1884

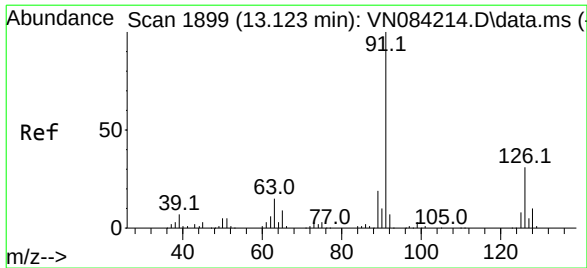
Delta R.T. -0.000 min

Lab File: VN084231.D

Acq: 01 Oct 2024 11:45

Tgt Ion:	91	Resp:	550507
Ion Ratio	Lower	Upper	
91	100		
120	21.7	10.8	32.4





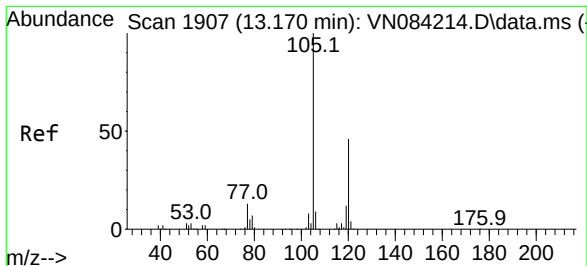
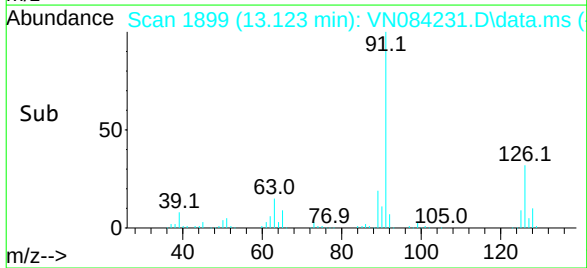
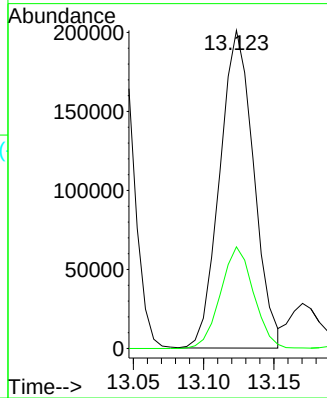
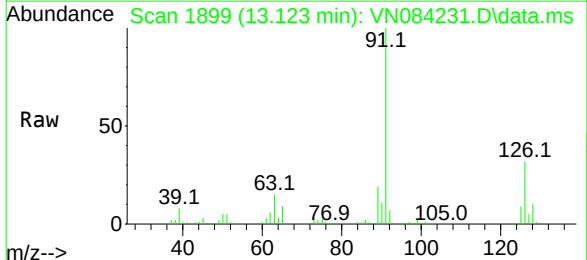
#79
2-Chlorotoluene
Concen: 49.080 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN084231.D
Acq: 01 Oct 2024 11:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 338251
Ion Ratio Lower Upper
91 100
126 31.1 15.7 47.1

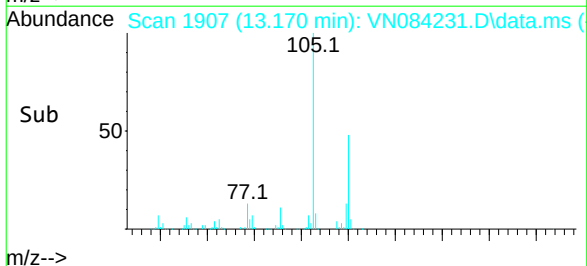
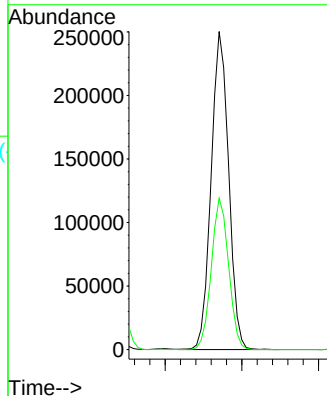
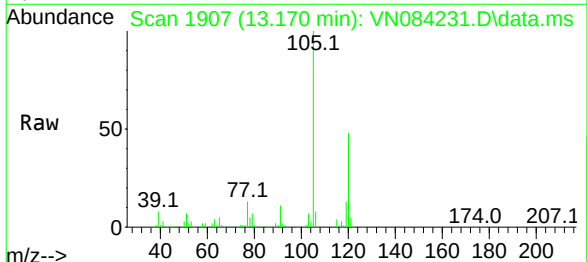
Manual Integrations
APPROVED

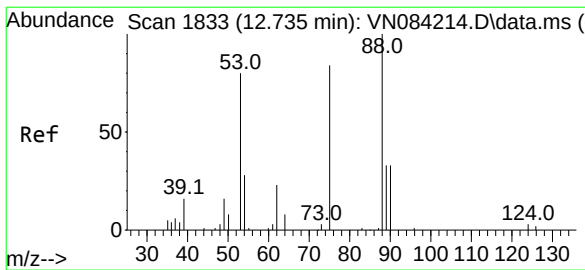
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#80
1,3,5-Trimethylbenzene
Concen: 52.135 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN084231.D
Acq: 01 Oct 2024 11:45

Tgt Ion:105 Resp: 396433
Ion Ratio Lower Upper
105 100
120 47.0 23.7 71.1





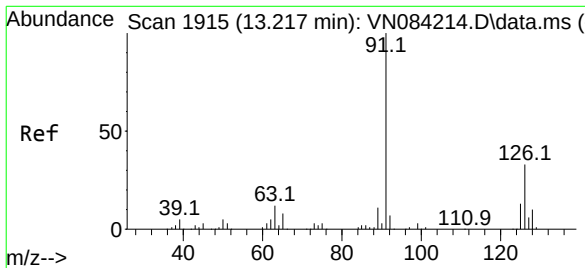
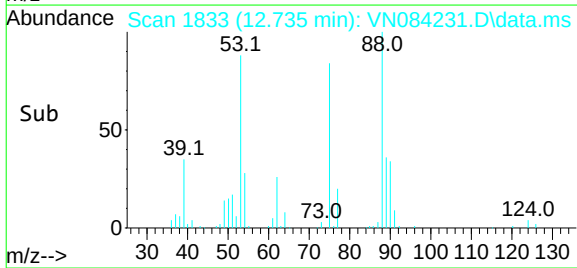
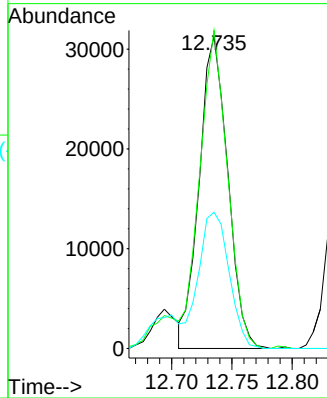
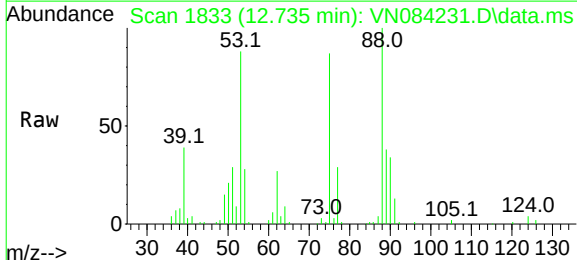
#81
trans-1,4-Dichloro-2-butene
Concen: 49.453 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN084231.D
Acq: 01 Oct 2024 11:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 51443
Ion Ratio Lower Upper
75 100
53 110.1 78.0 117.0
89 47.5 35.5 53.3

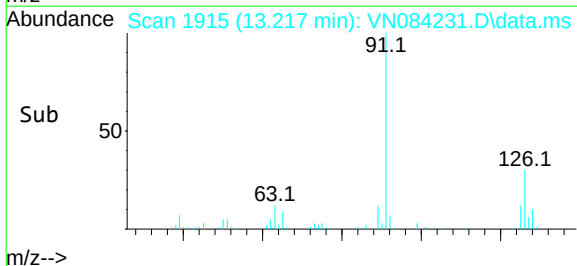
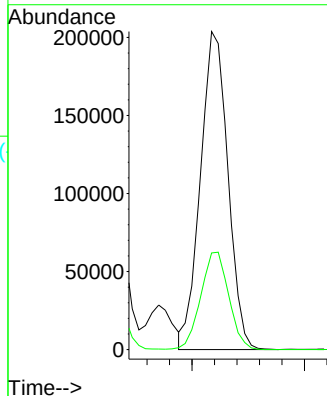
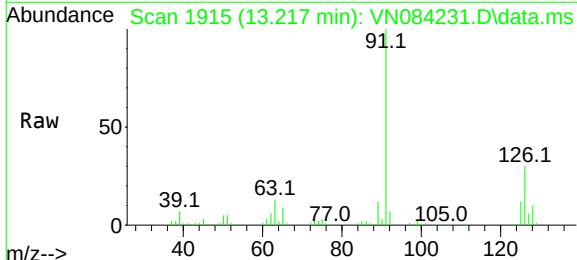
Manual Integrations
APPROVED

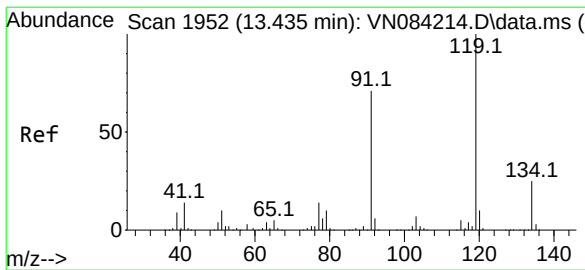
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#82
4-Chlorotoluene
Concen: 49.827 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN084231.D
Acq: 01 Oct 2024 11:45

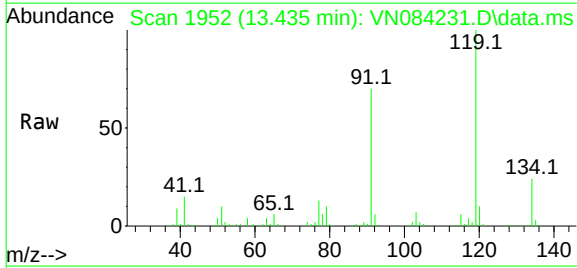
Tgt Ion: 91 Resp: 345690
Ion Ratio Lower Upper
91 100
126 31.3 15.7 47.1





#83
tert-Butylbenzene
Concen: 48.708 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN084231.D
Acq: 01 Oct 2024 11:45

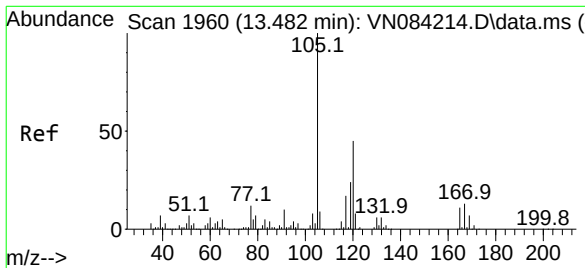
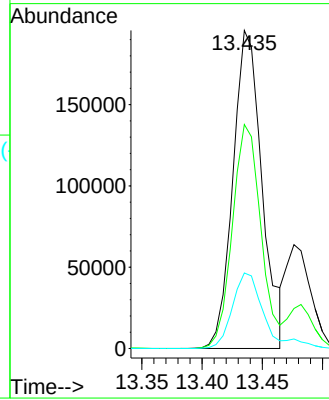
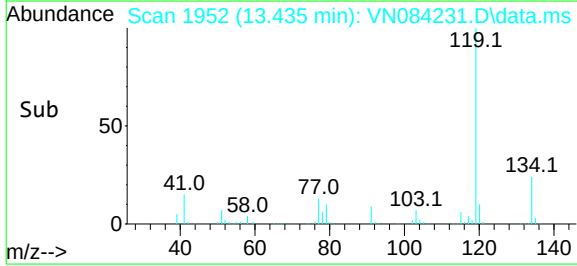
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:119 Resp: 329188
Ion Ratio Lower Upper
119 100
91 68.9 34.1 102.3
134 25.9 12.8 38.4

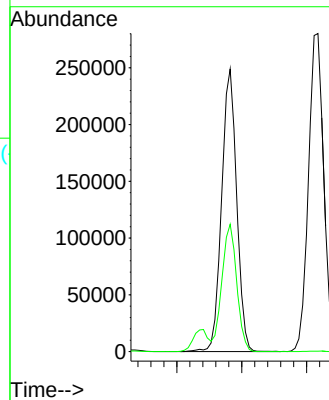
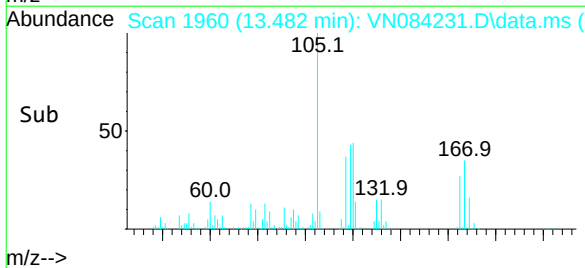
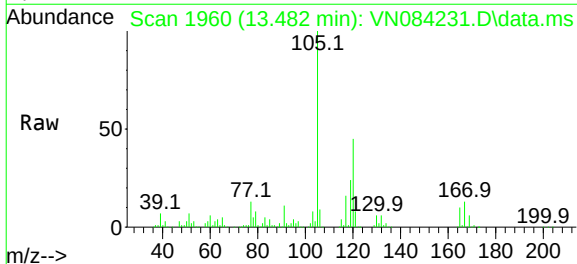
Manual Integrations
APPROVED

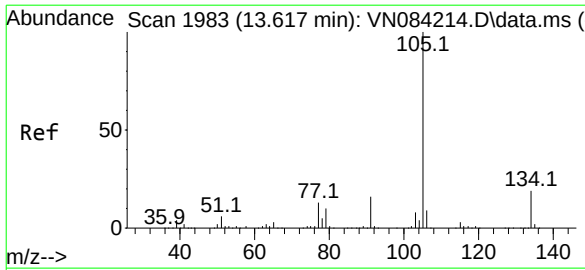
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#84
1,2,4-Trimethylbenzene
Concen: 52.384 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN084231.D
Acq: 01 Oct 2024 11:45

Tgt Ion:105 Resp: 401274
Ion Ratio Lower Upper
105 100
120 44.4 22.3 66.8





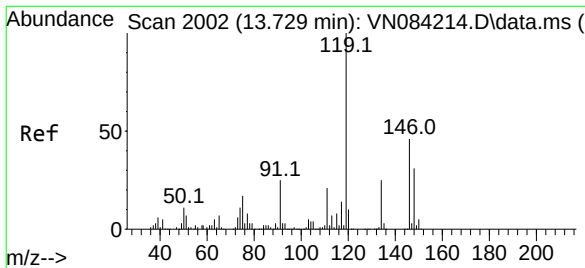
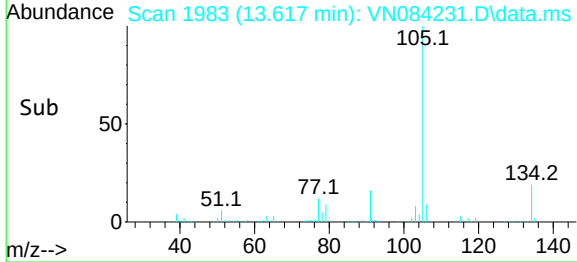
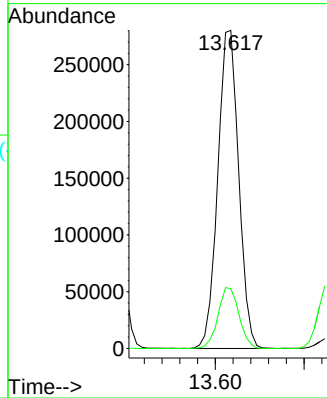
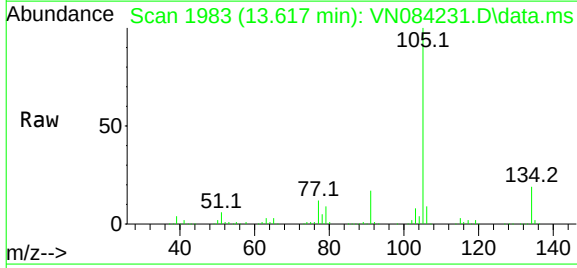
#85
sec-Butylbenzene
Concen: 50.796 ug/l
RT: 13.617 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VN084231.D
Acq: 01 Oct 2024 11:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 458113
Ion Ratio Lower Upper
105 100
134 19.2 9.8 29.4

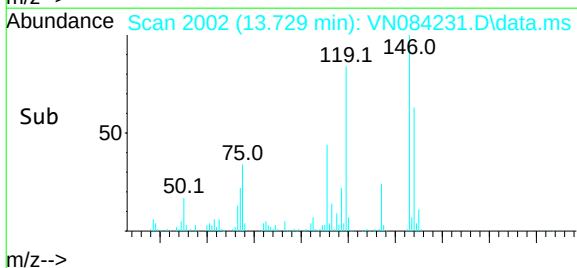
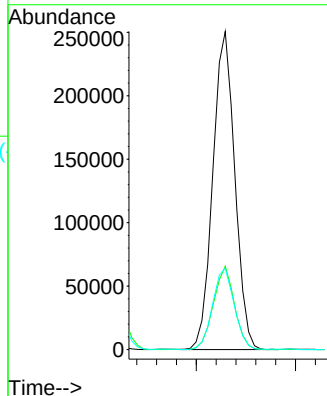
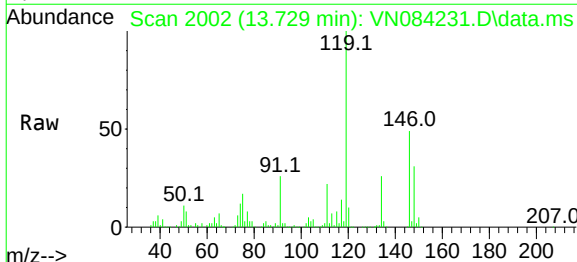
Manual Integrations
APPROVED

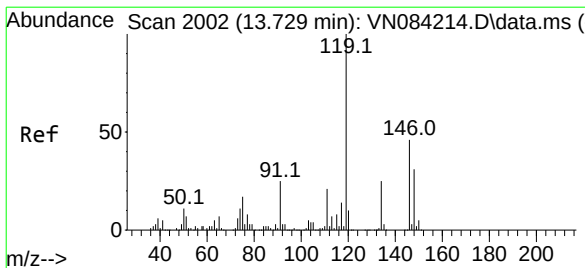
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#86
p-Isopropyltoluene
Concen: 51.685 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN084231.D
Acq: 01 Oct 2024 11:45

Tgt Ion:119 Resp: 385447
Ion Ratio Lower Upper
119 100
134 25.1 12.6 37.8
91 25.2 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 49.108 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN084231.D

Acq: 01 Oct 2024 11:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

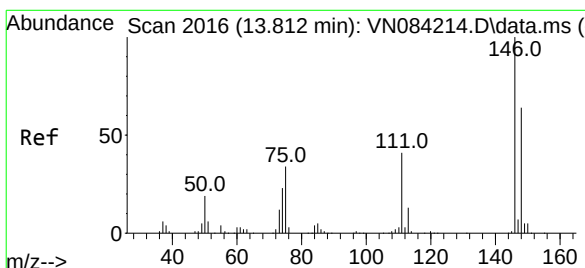
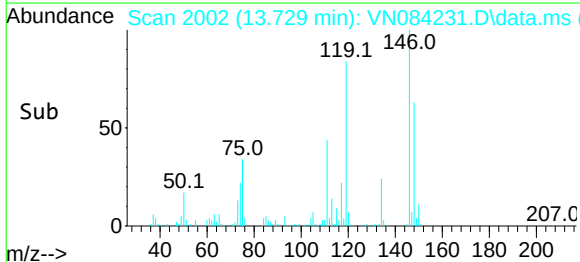
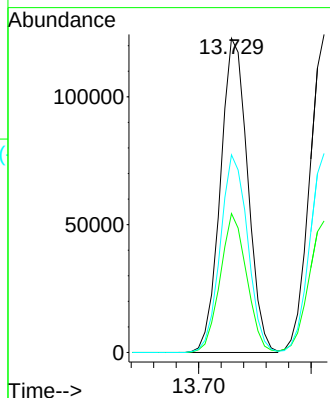
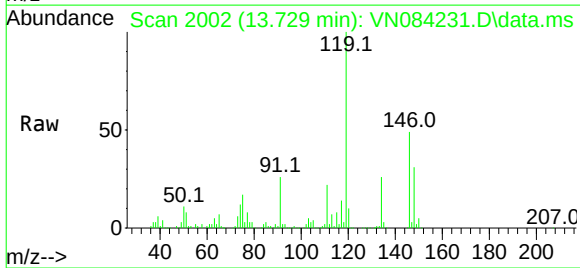
Tgt Ion:	146	Resp:	207151
Ion Ratio	Lower	Upper	
146	100		
111	42.9	21.8	65.3
148	63.1	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/02/2024

Supervised By :Semsettin Yesilyurt 10/02/2024



#88

1,4-Dichlorobenzene

Concen: 47.953 ug/l

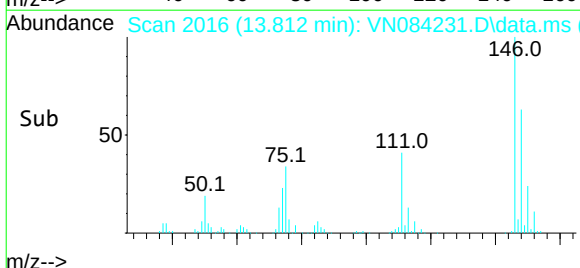
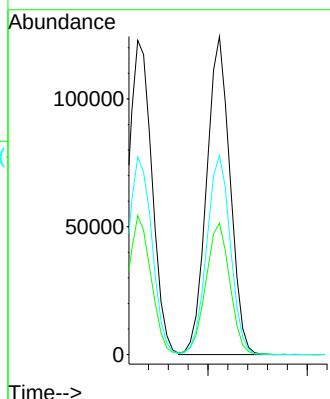
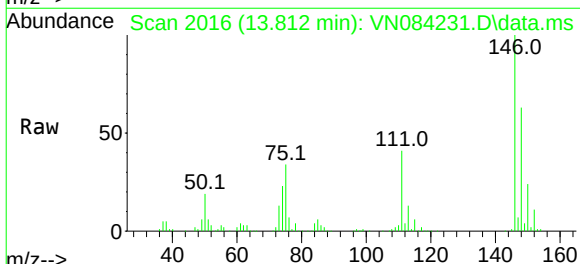
RT: 13.812 min Scan# 2016

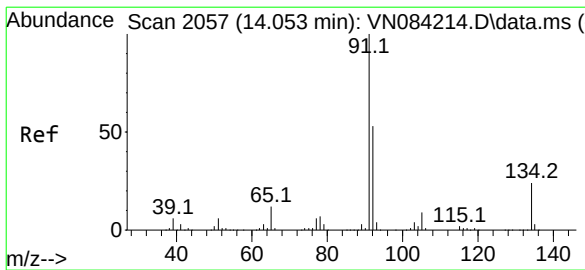
Delta R.T. -0.000 min

Lab File: VN084231.D

Acq: 01 Oct 2024 11:45

Tgt Ion:	146	Resp:	204275
Ion Ratio	Lower	Upper	
146	100		
111	42.3	21.2	63.6
148	63.2	31.9	95.9





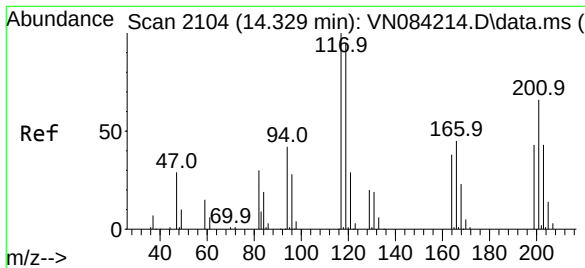
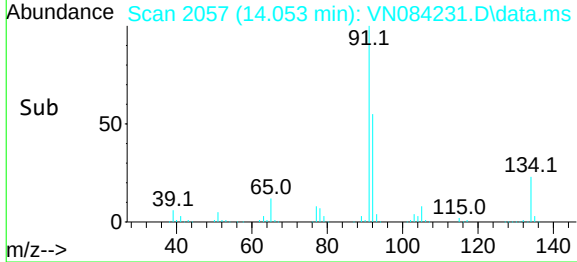
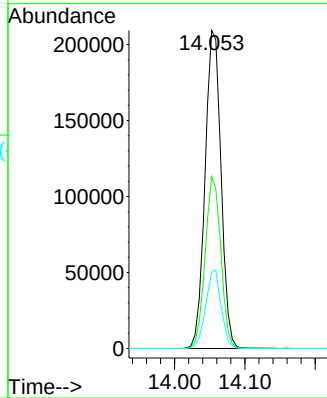
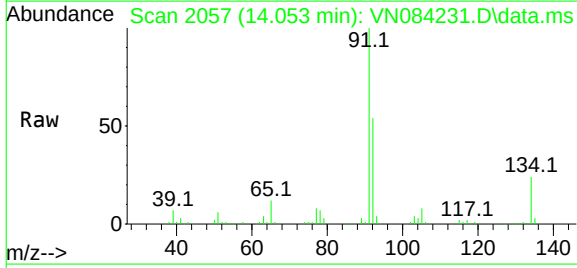
#89
n-Butylbenzene
Concen: 48.791 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN084231.D
Acq: 01 Oct 2024 11:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:	91	Resp:	329942
Ion	Ratio	Lower	Upper
91	100		
92	53.0	26.6	79.7
134	23.9	12.3	36.9

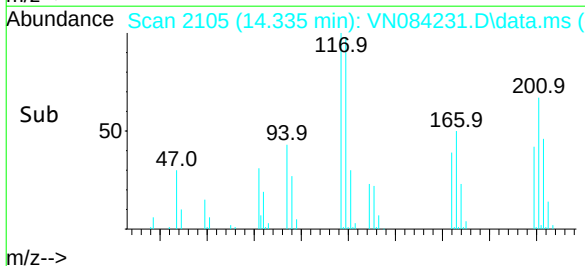
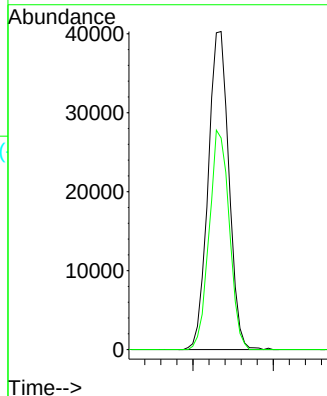
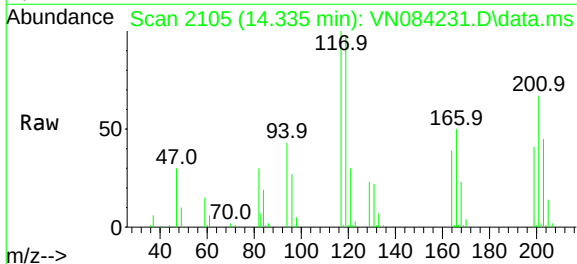
Manual Integrations
APPROVED

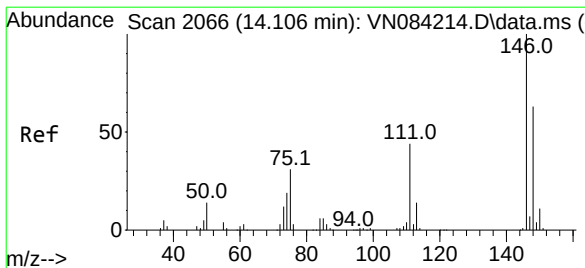
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024



#90
Hexachloroethane
Concen: 47.754 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VN084231.D
Acq: 01 Oct 2024 11:45

Tgt Ion:	117	Resp:	72289
Ion	Ratio	Lower	Upper
117	100		
201	66.8	34.4	103.2





#91

1,2-Dichlorobenzene

Concen: 49.271 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN084231.D

Acq: 01 Oct 2024 11:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

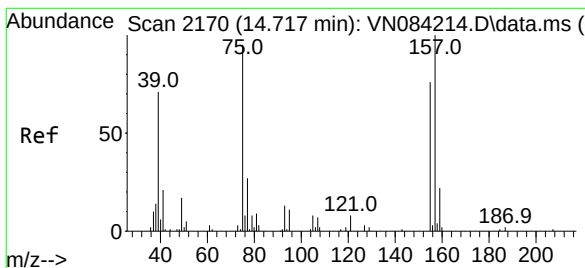
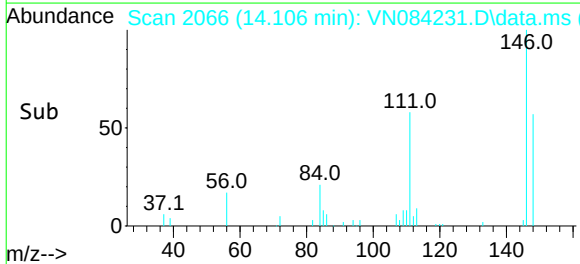
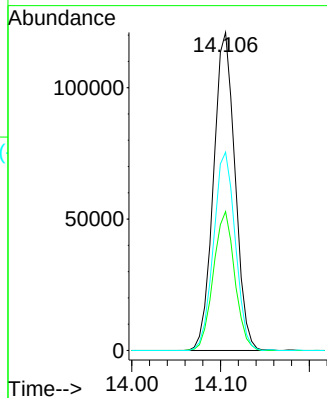
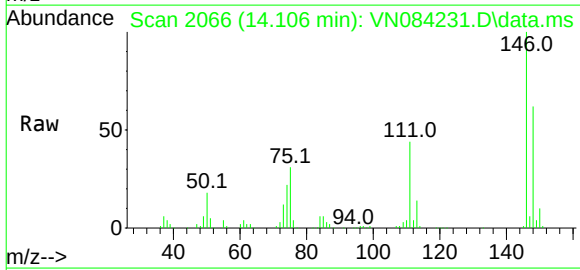
Tgt Ion:	146	Resp:	203794
Ion Ratio	Lower	Upper	
146	100		
111	43.5	22.0	66.0
148	63.0	32.1	96.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/02/2024

Supervised By :Semsettin Yesilyurt 10/02/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.252 ug/l

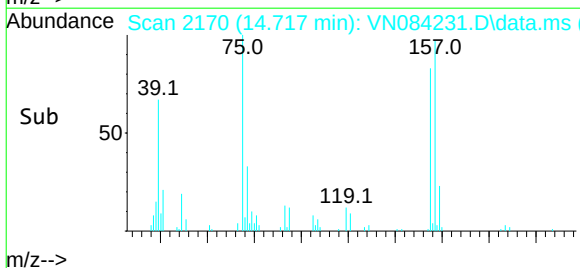
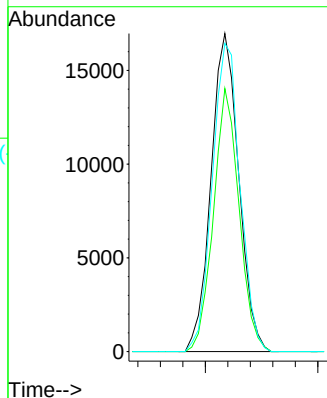
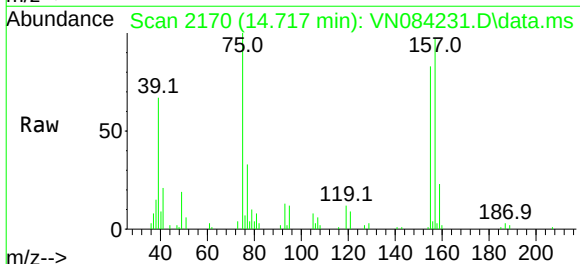
RT: 14.717 min Scan# 2170

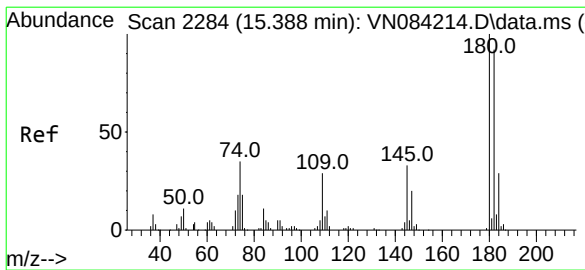
Delta R.T. -0.000 min

Lab File: VN084231.D

Acq: 01 Oct 2024 11:45

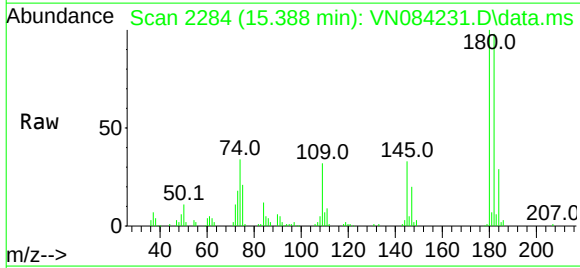
Tgt Ion:	75	Resp:	29067
Ion Ratio	Lower	Upper	
75	100		
155	76.3	38.1	114.5
157	96.7	49.6	149.0





#93
1,2,4-Trichlorobenzene
Concen: 47.888 ug/l
RT: 15.388 min Scan# 2284
Delta R.T. -0.000 min
Lab File: VN084231.D
Acq: 01 Oct 2024 11:45

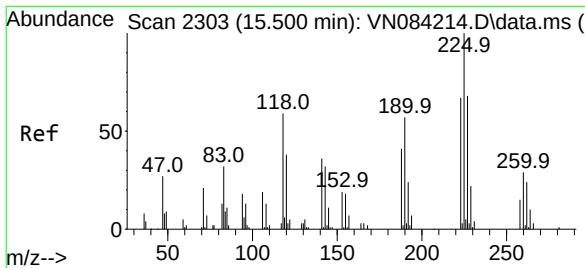
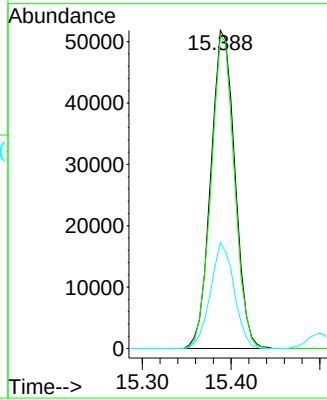
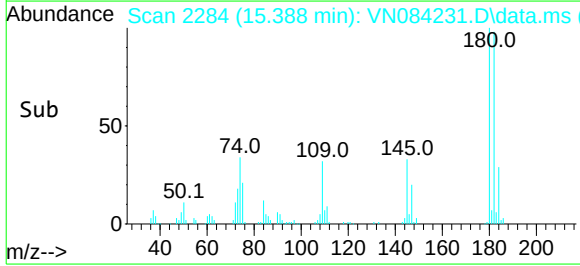
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



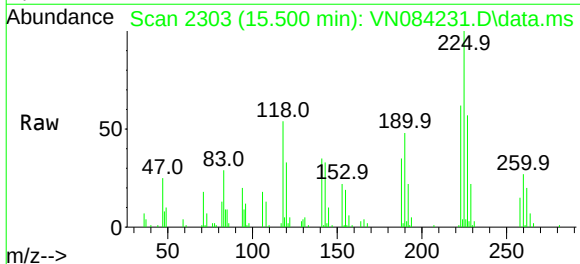
Tgt Ion:180 Resp: 97562
Ion Ratio Lower Upper
180 100
182 95.2 47.0 141.0
145 32.8 16.4 49.4

Manual Integrations
APPROVED

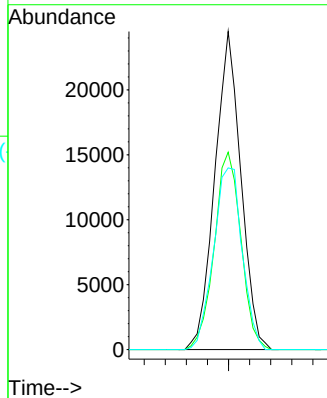
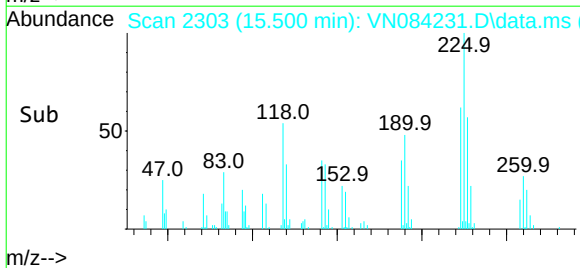
Reviewed By :John Carlone 10/02/2024
Supervised By :Semsettin Yesilyurt 10/02/2024

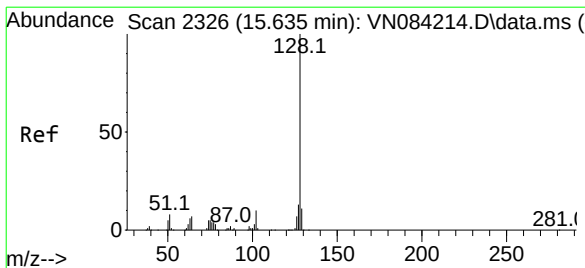


#94
Hexachlorobutadiene
Concen: 41.529 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN084231.D
Acq: 01 Oct 2024 11:45



Tgt Ion:225 Resp: 42193
Ion Ratio Lower Upper
225 100
223 63.3 32.4 97.2
227 62.9 32.4 97.0





#95

Naphthalene

Concen: 48.372 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN084231.D

Acq: 01 Oct 2024 11:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

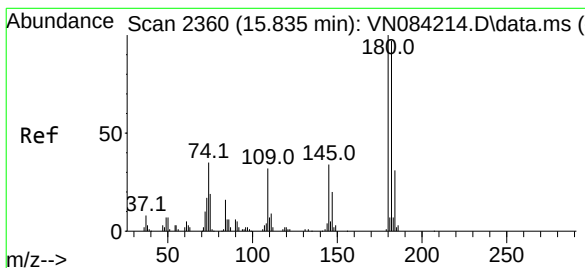
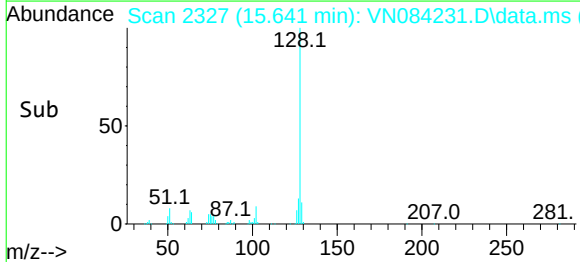
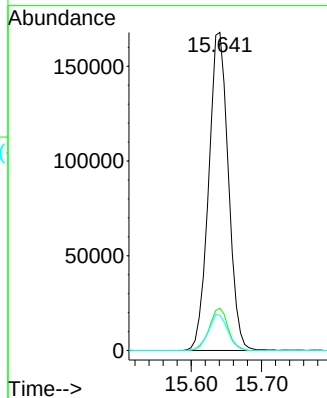
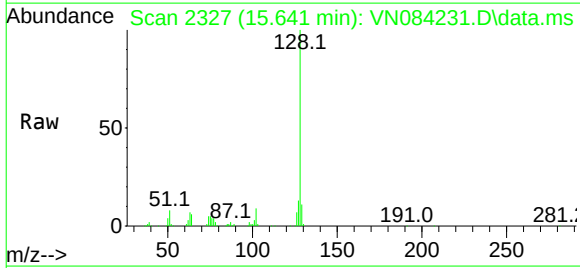
Tgt Ion:	128	Resp:	326709
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.5	15.7
129	11.1	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/02/2024

Supervised By :Semsettin Yesilyurt 10/02/2024



#96

1,2,3-Trichlorobenzene

Concen: 47.105 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN084231.D

Acq: 01 Oct 2024 11:45

Tgt Ion:	180	Resp:	96063
Ion	Ratio	Lower	Upper
180	100		
182	96.5	48.2	144.6
145	35.5	17.3	51.9

