

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020322\
 Data File : VW024553.D
 Acq On : 03 Feb 2022 17:23
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 04 03:41:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM020222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 03 05:56:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	335829	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	307223	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	142467	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	106395	44.614	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.220%
7) Chloroethane-d5	1.568	69	95115	45.759	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.520%
11) 1,1-Dichloroethene-d2	2.108	63	235634	49.595	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.200%
21) 2-Butanone-d5	3.899	46	145121	92.006	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.010%
24) Chloroform-d	4.349	84	209725	47.885	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.760%
26) 1,2-Dichloroethane-d4	5.031	65	133283	47.677	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.360%
32) Benzene-d6	5.050	84	405007	46.364	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.720%
36) 1,2-Dichloropropane-d6	6.069	67	130152	46.803	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.600%
41) Toluene-d8	7.314	98	372094	46.284	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.560%
43) trans-1,3-Dichloroprop...	7.619	79	68611	46.886	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.780%
47) 2-Hexanone-d5	8.088	63	131134	111.026	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.030%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	169039	50.704	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	129806	48.157	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.131	85	125067	50.373	ug/L	100
3) Chloromethane	1.240	50	135428	54.714	ug/L	99
5) Vinyl chloride	1.311	62	143808	54.685	ug/L	98
6) Bromomethane	1.523	94	88121	54.437	ug/L	97
8) Chloroethane	1.584	64	93023	51.855	ug/L	100
9) Trichlorofluoromethane	1.751	101	203321	52.147	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	116241	56.277	ug/L	98
12) 1,1-Dichloroethene	2.118	96	113193	56.964	ug/L	96
13) Acetone	2.198	43	178316	107.541	ug/L	82
14) Carbon disulfide	2.291	76	284863	51.697	ug/L	99
15) Methyl Acetate	2.439	43	106155	48.328	ug/L	94
16) Methylene chloride	2.507	84	116289	52.981	ug/L	100
17) trans-1,2-Dichloroethene	2.757	96	104092	51.225	ug/L	97
18) Methyl tert-butyl Ether	2.770	73	379684	53.505	ug/L	100
19) 1,1-Dichloroethane	3.188	63	209173	53.105	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	120675	52.606	ug/L	99
22) 2-Butanone	3.986	43	196740	105.371	ug/L	91
23) Bromochloromethane	4.246	128	57674	52.247	ug/L	99
25) Chloroform	4.375	83	215649	52.615	ug/L	99

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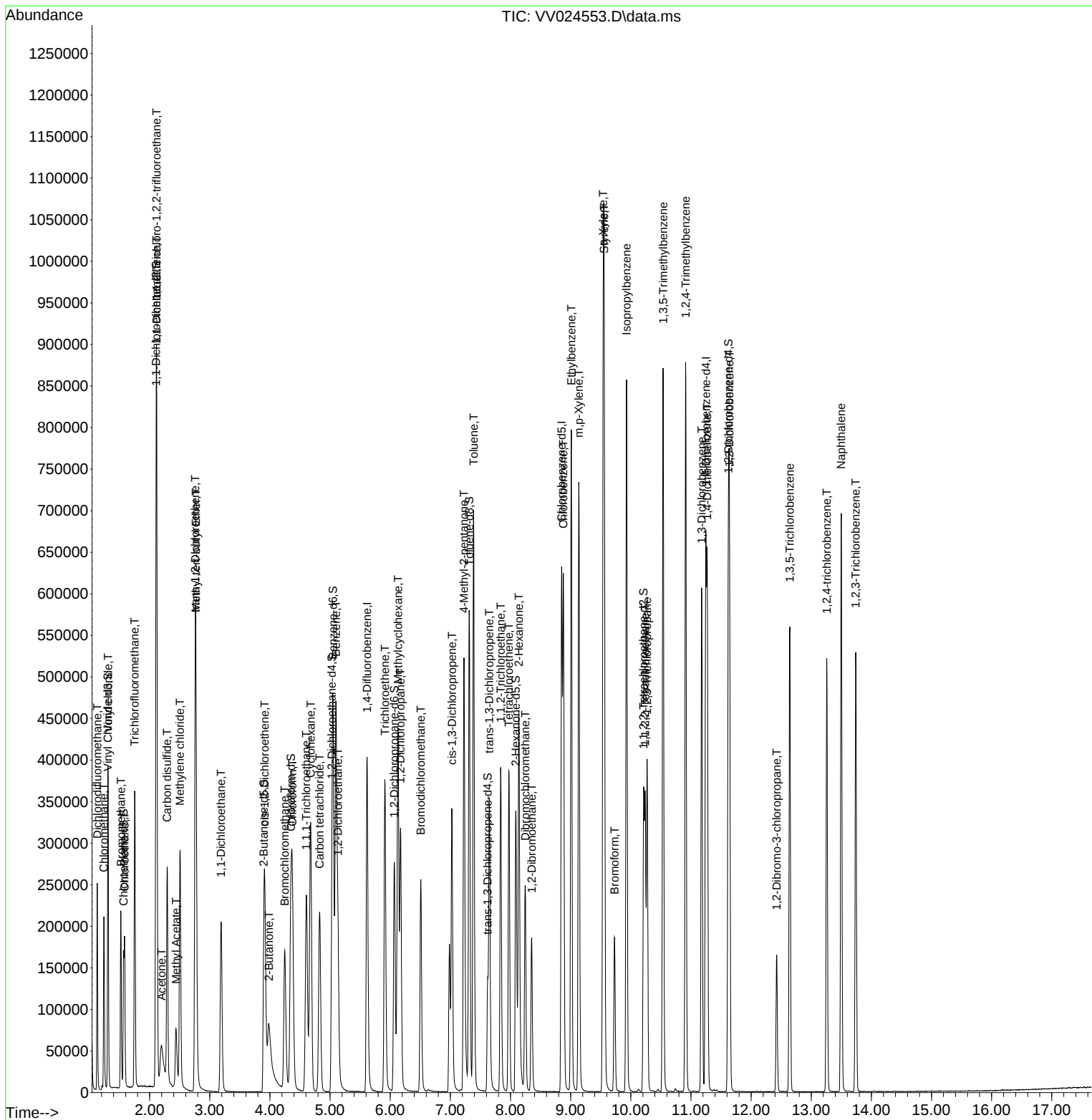
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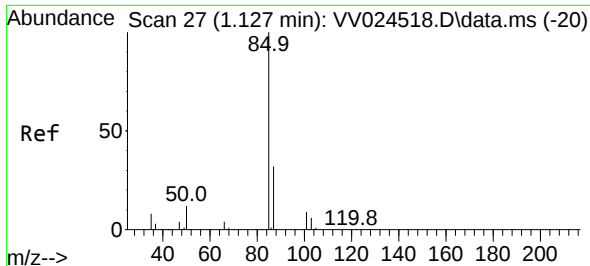
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	169848	52.867	ug/L	100
29) Cyclohexane	4.677	56	183058	51.048	ug/L	98
30) 1,1,1-Trichloroethane	4.606	97	193267	52.608	ug/L	99
31) Carbon tetrachloride	4.825	117	158715	52.315	ug/L	100
33) Benzene	5.098	78	462610	52.922	ug/L	100
34) Trichloroethene	5.912	95	128819	52.305	ug/L	99
35) Methylcyclohexane	6.130	83	187413	50.433	ug/L	100
37) 1,2-Dichloropropane	6.172	63	122218	53.025	ug/L	100
38) Bromodichloromethane	6.510	83	168954	52.284	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	202810	53.607	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	368025	114.003	ug/L	99
42) Toluene	7.387	91	492221	52.561	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	195749	53.277	ug/L	99
45) 1,1,2-Trichloroethane	7.838	97	115572	52.448	ug/L	98
46) Tetrachloroethene	7.973	164	76554	52.318	ug/L	99
48) 2-Hexanone	8.140	43	305606	111.304	ug/L	99
49) Dibromochloromethane	8.246	129	123175	52.960	ug/L	100
50) 1,2-Dibromoethane	8.352	107	121620	53.076	ug/L	100
51) Chlorobenzene	8.879	112	306666	52.472	ug/L	99
52) Ethylbenzene	9.011	91	543064	52.401	ug/L	99
53) m,p-Xylene	9.137	106	202760	52.286	ug/L	98
54) o-Xylene	9.542	106	201606	52.058	ug/L	100
55) Styrene	9.558	104	345749	52.734	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	170255	53.957	ug/L	98
59) Bromoform	9.731	173	75180	54.674	ug/L	99
60) Isopropylbenzene	9.931	105	538553	52.935	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	154095	54.486	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	460347	52.988	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	461085	52.734	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	219111	52.667	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	218443	51.840	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	220119	52.925	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	42618	57.179	ug/L	94
69) 1,3,5-Trichlorobenzene	12.645	180	146138	52.968	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	130607	53.129	ug/L	99
71) Naphthalene	13.500	128	506004	56.145	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	132405	55.139	ug/L	100

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

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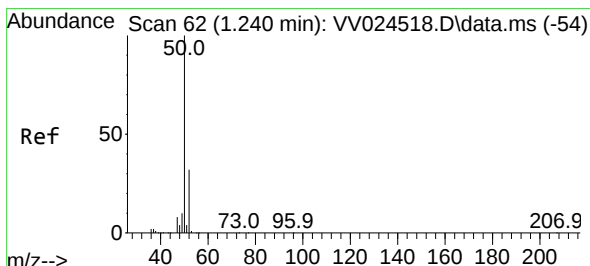
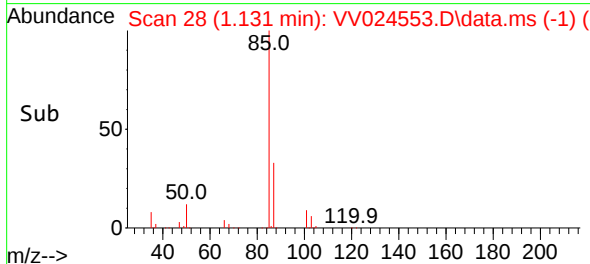
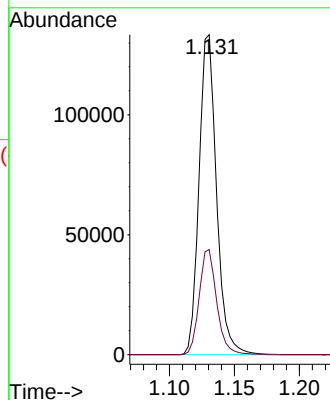
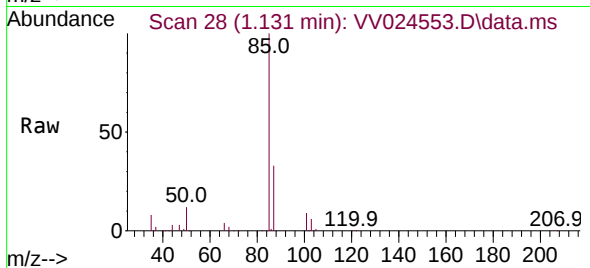




#2
Dichlorodifluoromethane
Concen: 50.373 ug/L
RT: 1.131 min Scan# 27
Delta R.T. 0.003 min
Lab File: VV024553.D
Acq: 03 Feb 2022 17:23

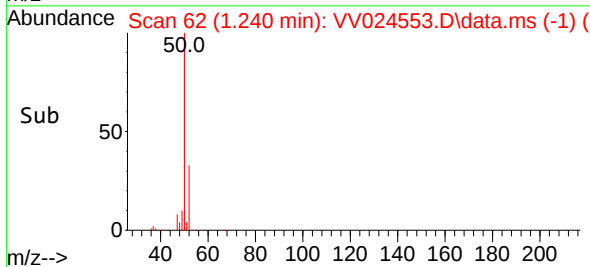
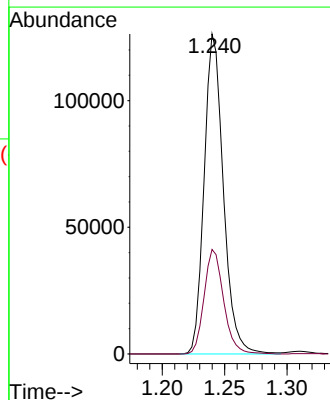
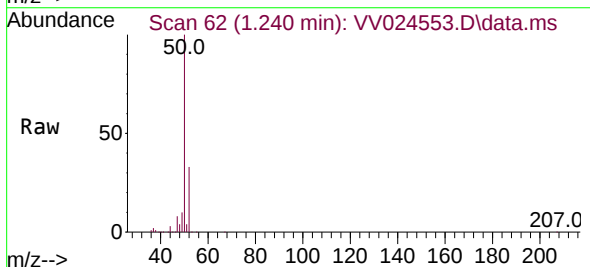
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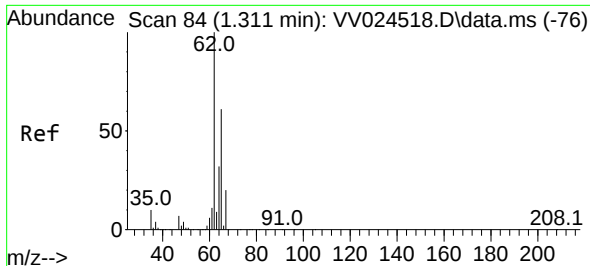
Tgt Ion: 85 Resp: 125067
Ion Ratio Lower Upper
85 100
87 32.9 26.2 39.4



#3
Chloromethane
Concen: 54.714 ug/L
RT: 1.240 min Scan# 62
Delta R.T. -0.000 min
Lab File: VV024553.D
Acq: 03 Feb 2022 17:23

Tgt Ion: 50 Resp: 135428
Ion Ratio Lower Upper
50 100
52 32.7 22.5 41.7

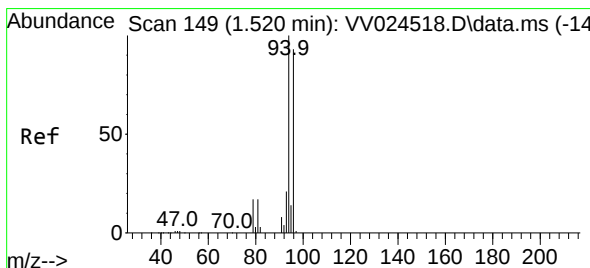
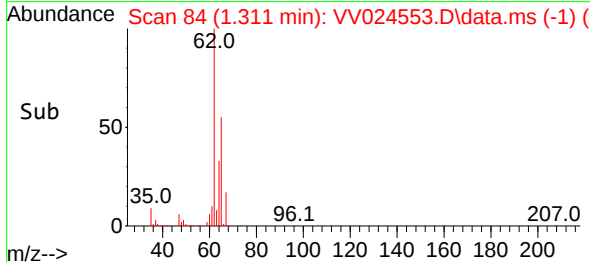
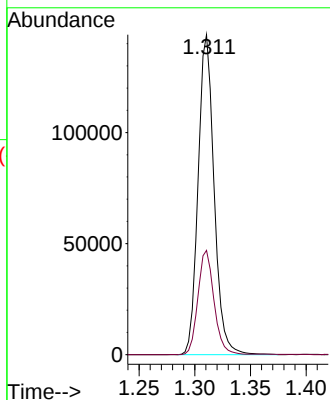
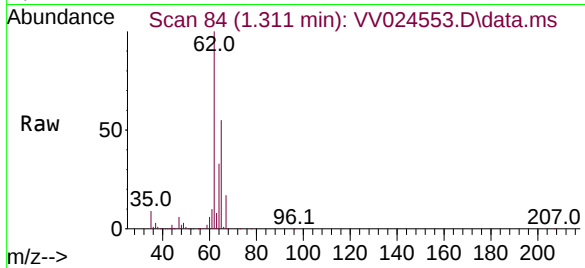




#5
 Vinyl chloride
 Concen: 54.685 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV024553.D
 Acq: 03 Feb 2022 17:23

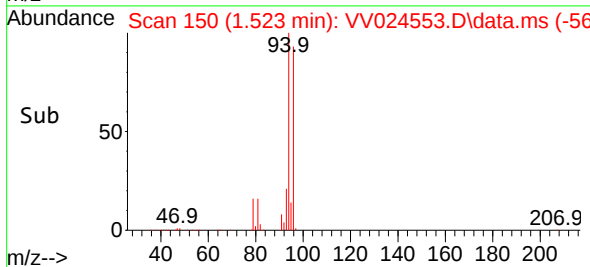
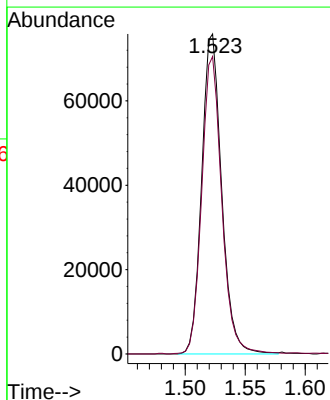
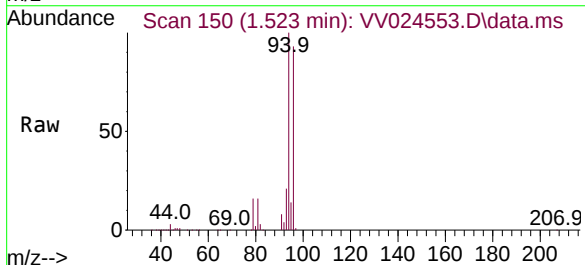
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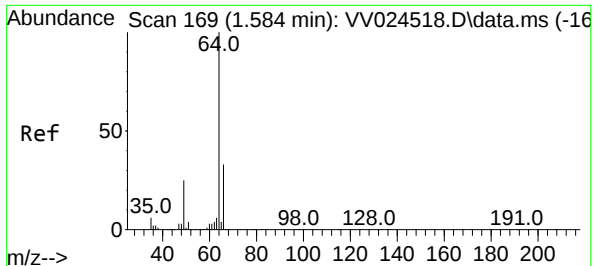
Tgt Ion: 62 Resp: 143808
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.4 43.6



#6
 Bromomethane
 Concen: 54.437 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.003 min
 Lab File: VV024553.D
 Acq: 03 Feb 2022 17:23

Tgt Ion: 94 Resp: 88121
 Ion Ratio Lower Upper
 94 100
 96 93.0 67.0 124.4

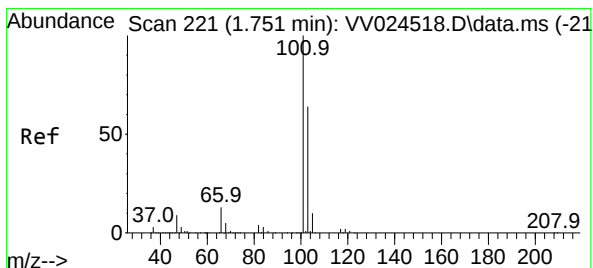
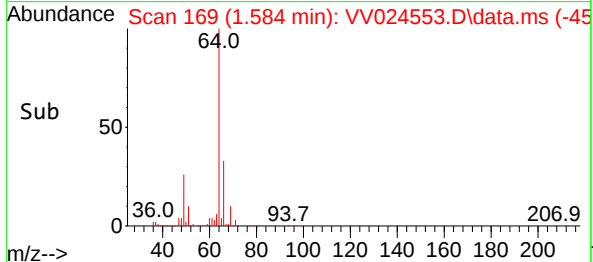
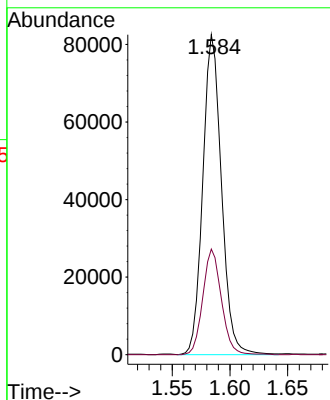
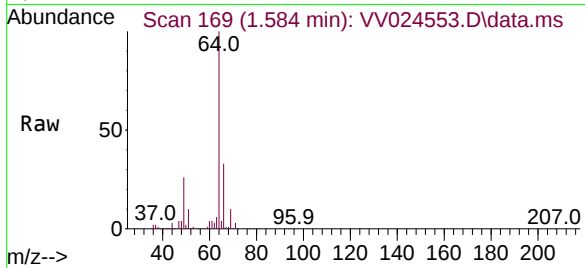




#8
Chloroethane
Concen: 51.855 ug/L
RT: 1.584 min Scan# 169
Delta R.T. -0.000 min
Lab File: VV024553.D
Acq: 03 Feb 2022 17:23

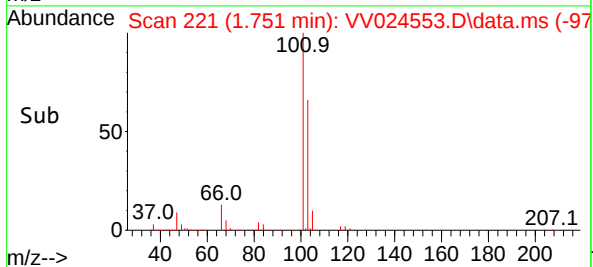
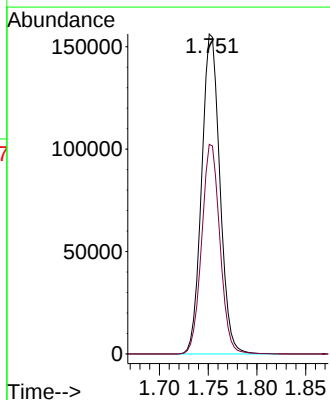
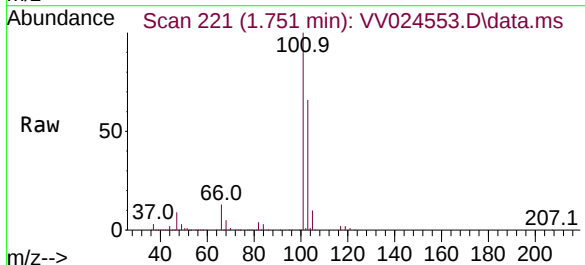
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ClientSampleId :

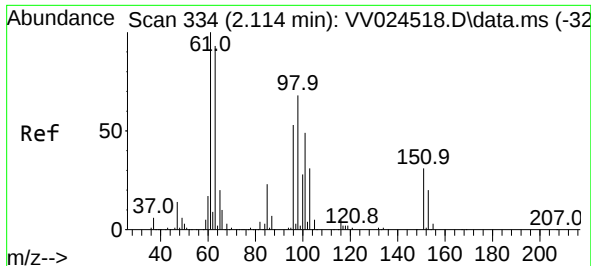
Tgt Ion: 64 Resp: 93023
Ion Ratio Lower Upper
64 100
66 33.0 23.0 42.8



#9
Trichlorofluoromethane
Concen: 52.147 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.000 min
Lab File: VV024553.D
Acq: 03 Feb 2022 17:23

Tgt Ion:101 Resp: 203321
Ion Ratio Lower Upper
101 100
103 65.5 51.7 77.5

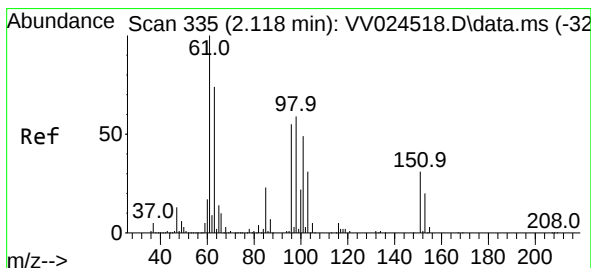
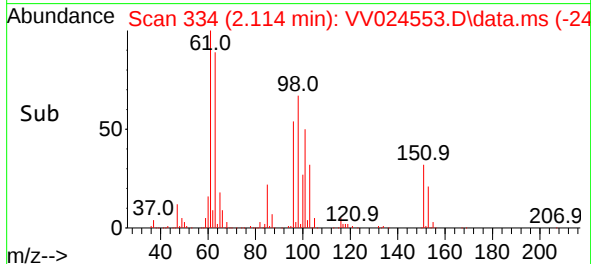
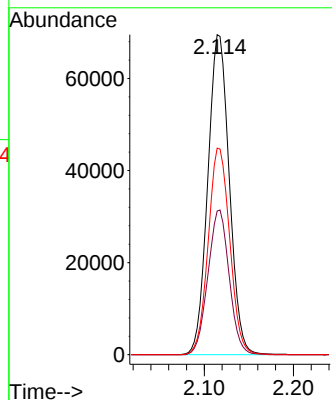
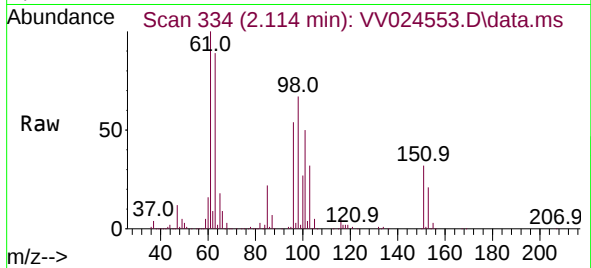




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 56.277 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.000 min
 Lab File: VV024553.D
 Acq: 03 Feb 2022 17:23

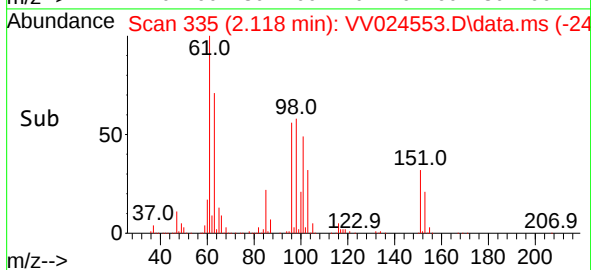
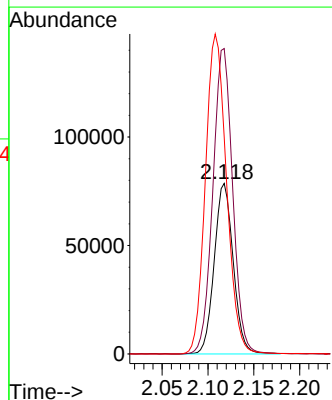
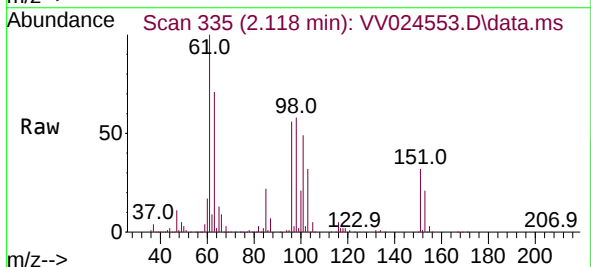
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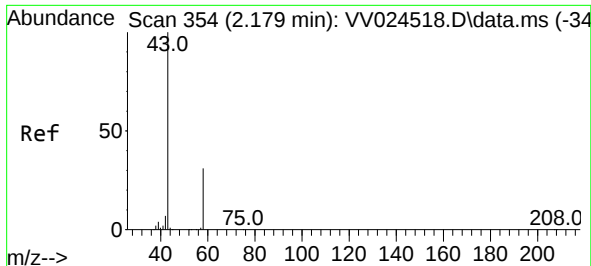
Tgt Ion:101 Resp: 116241
 Ion Ratio Lower Upper
 101 100
 85 44.8 37.3 55.9
 151 64.8 50.8 76.2



#12
 1,1-Dichloroethene
 Concen: 56.964 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. -0.000 min
 Lab File: VV024553.D
 Acq: 03 Feb 2022 17:23

Tgt Ion: 96 Resp: 113193
 Ion Ratio Lower Upper
 96 100
 61 179.1 127.1 236.1
 63 127.2 94.5 175.5

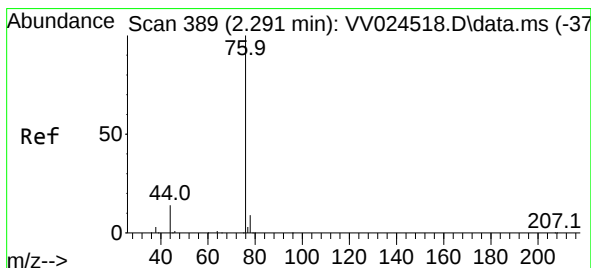
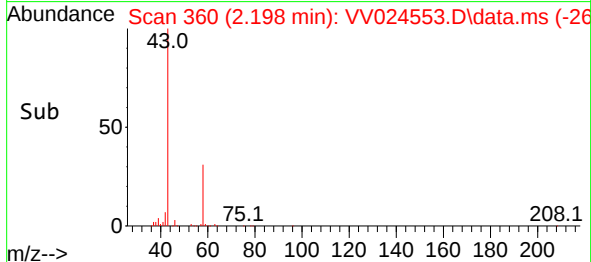
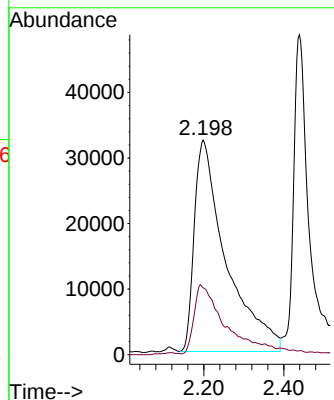
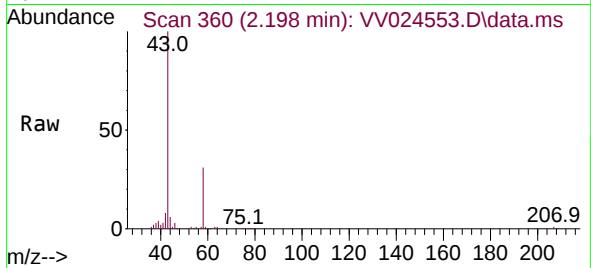




#13
Acetone
Concen: 107.541 ug/L
RT: 2.198 min Scan# 30
Delta R.T. 0.019 min
Lab File: VV024553.D
Acq: 03 Feb 2022 17:23

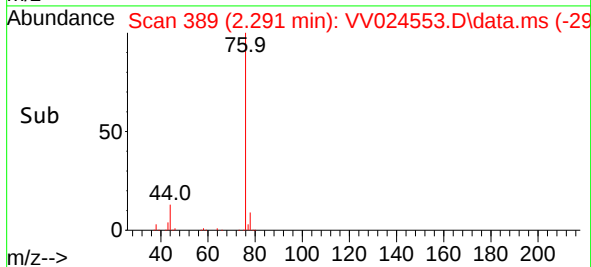
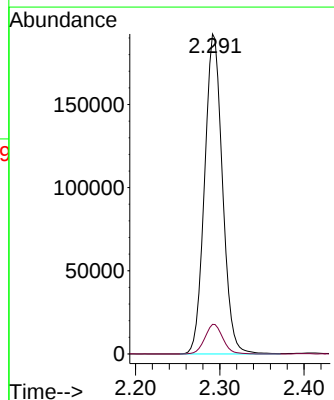
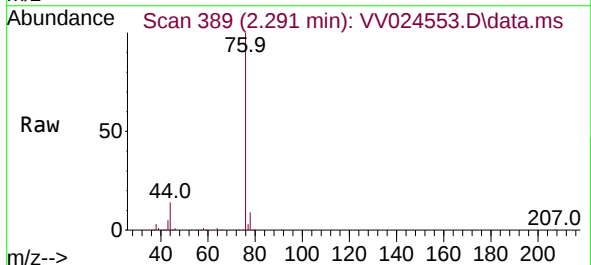
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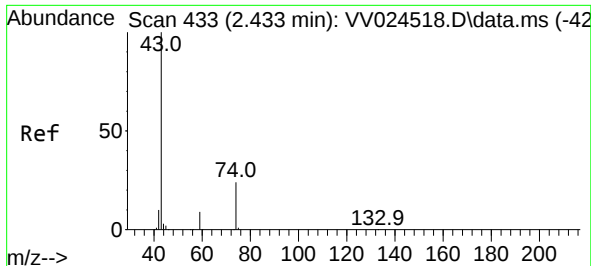
Tgt Ion: 43 Resp: 178316
Ion Ratio Lower Upper
43 100
58 22.5 0.0 65.0



#14
Carbon disulfide
Concen: 51.697 ug/L
RT: 2.291 min Scan# 389
Delta R.T. -0.000 min
Lab File: VV024553.D
Acq: 03 Feb 2022 17:23

Tgt Ion: 76 Resp: 284863
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7

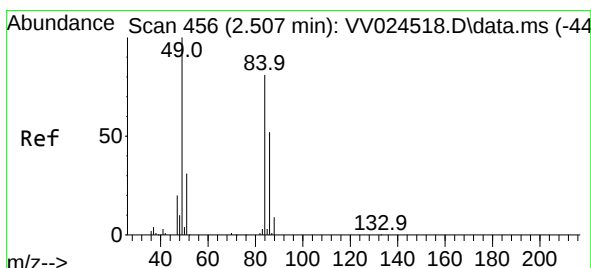
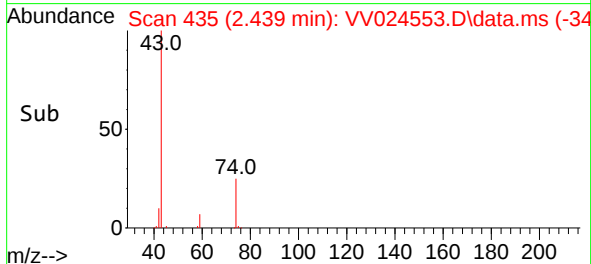
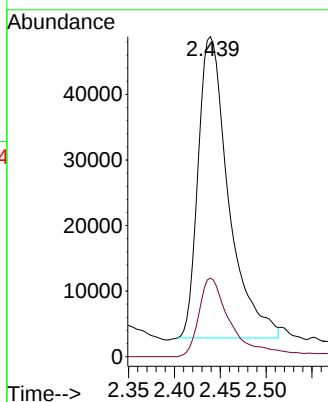
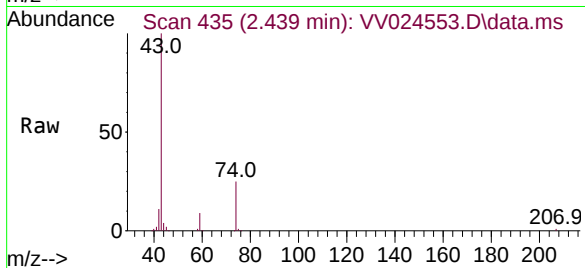




#15
Methyl Acetate
Concen: 48.328 ug/L
RT: 2.439 min Scan# 41
Delta R.T. 0.006 min
Lab File: VV024553.D
Acq: 03 Feb 2022 17:23

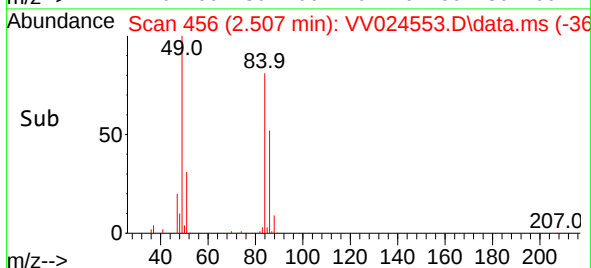
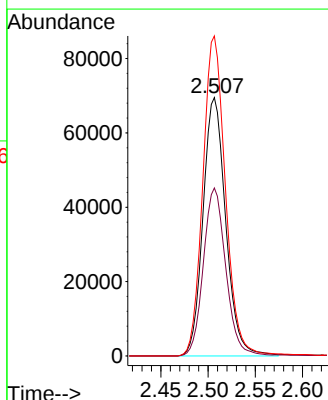
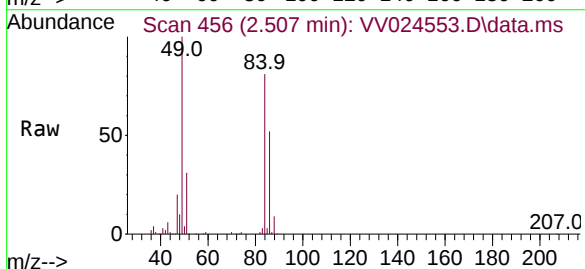
Instrument :
MSVOA_V
ClientSampleId :

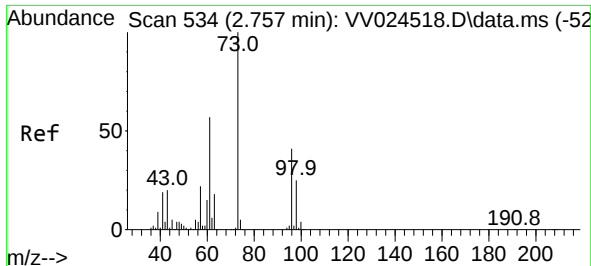
Tgt Ion: 43 Resp: 106155
Ion Ratio Lower Upper
43 100
74 27.4 19.7 29.5



#16
Methylene chloride
Concen: 52.981 ug/L
RT: 2.507 min Scan# 456
Delta R.T. -0.000 min
Lab File: VV024553.D
Acq: 03 Feb 2022 17:23

Tgt Ion: 84 Resp: 116289
Ion Ratio Lower Upper
84 100
86 65.0 45.5 84.5
49 123.8 87.0 161.6

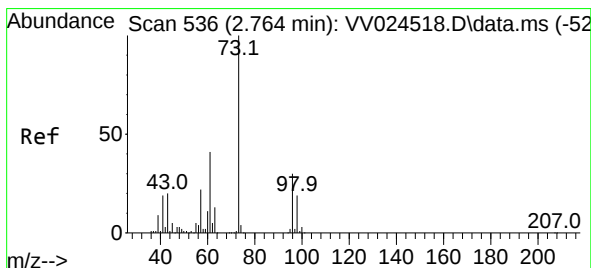
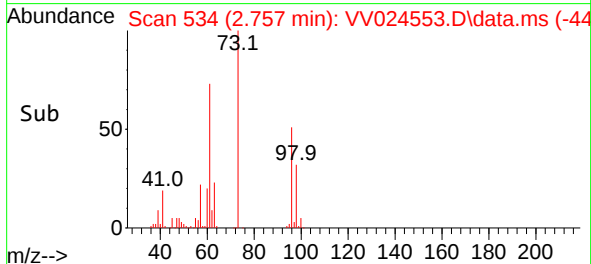
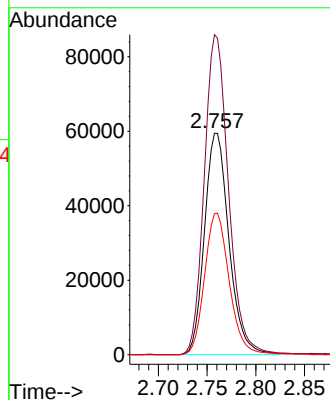
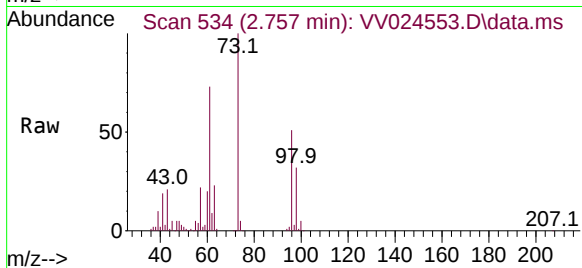




#17
trans-1,2-Dichloroethene
Concen: 51.225 ug/L
RT: 2.757 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV024553.D
Acq: 03 Feb 2022 17:23

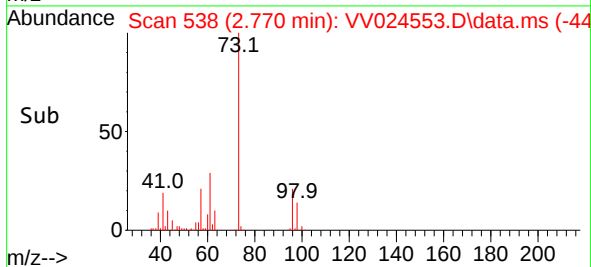
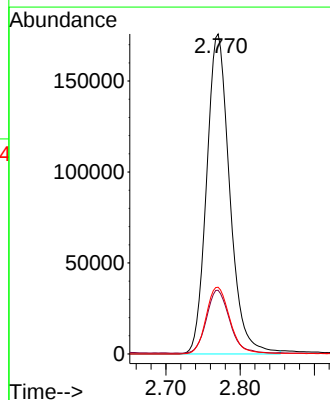
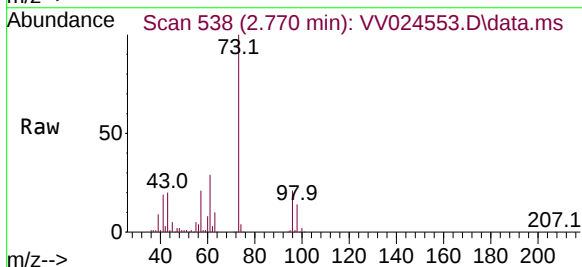
Instrument :
MSVOA_V
ClientSampleId :

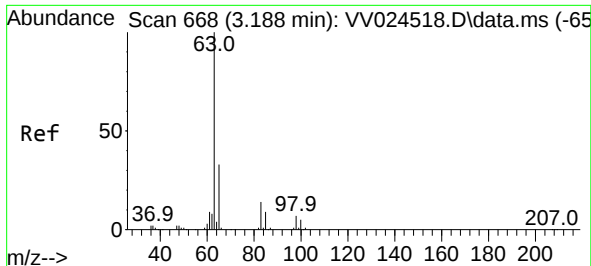
Tgt Ion: 96 Resp: 104092
Ion Ratio Lower Upper
96 100
61 144.5 98.2 182.4
98 63.7 43.7 81.1



#18
Methyl tert-butyl Ether
Concen: 53.505 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.006 min
Lab File: VV024553.D
Acq: 03 Feb 2022 17:23

Tgt Ion: 73 Resp: 379684
Ion Ratio Lower Upper
73 100
43 19.6 16.0 24.0
57 21.5 17.2 25.8





#19

1,1-Dichloroethane

Concen: 53.105 ug/L

RT: 3.188 min Scan# 60

Delta R.T. -0.000 min

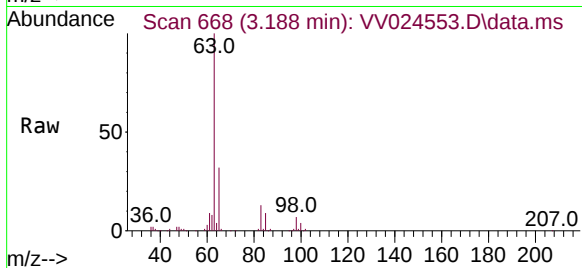
Lab File: VV024553.D

Acq: 03 Feb 2022 17:23

Instrument :

MSVOA_V

ClientSampleId :



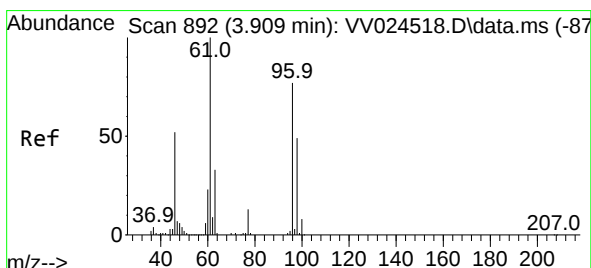
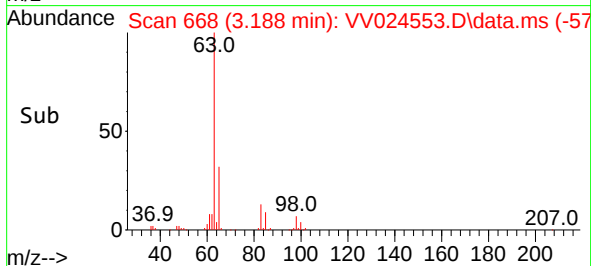
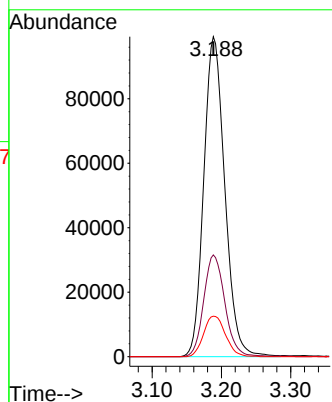
Tgt Ion: 63 Resp: 209173

Ion Ratio Lower Upper

63 100

65 31.8 22.2 41.2

83 12.7 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 52.606 ug/L

RT: 3.912 min Scan# 893

Delta R.T. 0.003 min

Lab File: VV024553.D

Acq: 03 Feb 2022 17:23

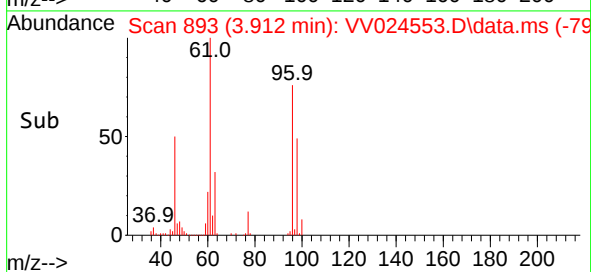
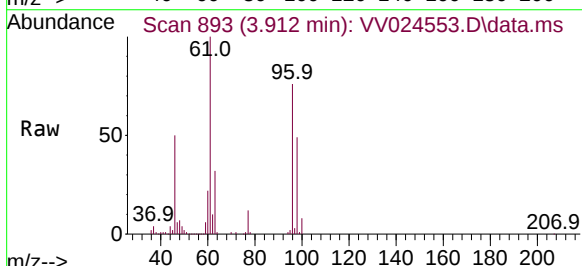
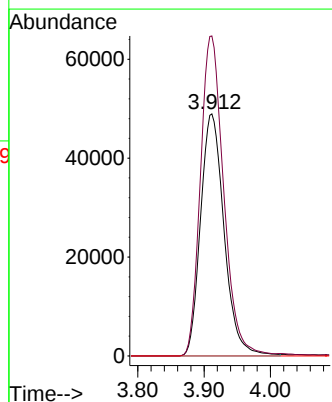
Tgt Ion: 96 Resp: 120675

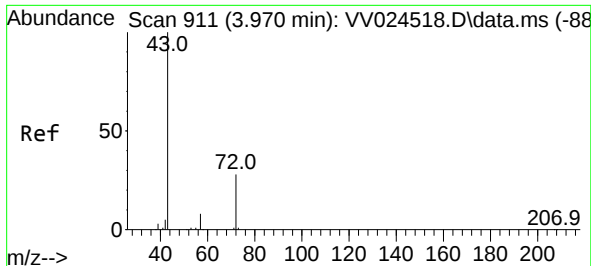
Ion Ratio Lower Upper

96 100

61 132.2 91.5 169.9

68 0.0 0.0 0.0

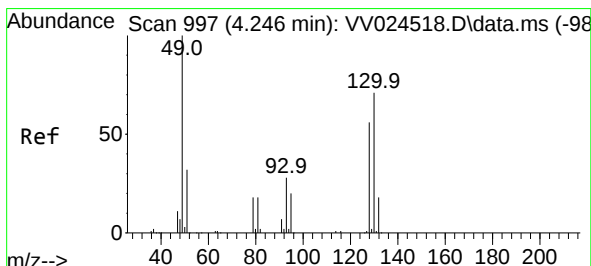
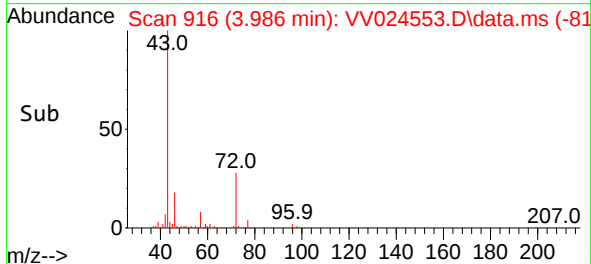
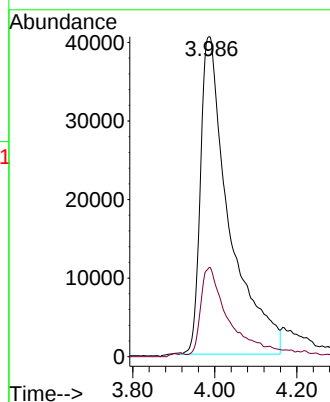
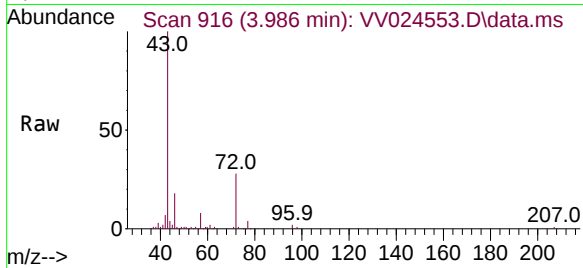




#22
2-Butanone
Concen: 105.371 ug/L
RT: 3.986 min Scan# 911
Delta R.T. 0.016 min
Lab File: VV024553.D
Acq: 03 Feb 2022 17:23

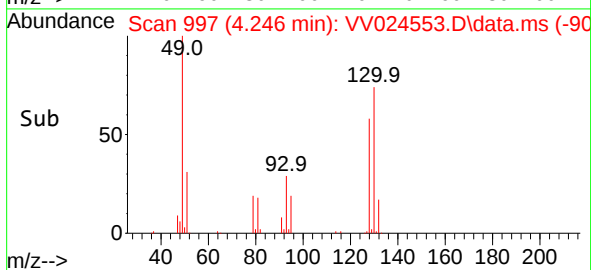
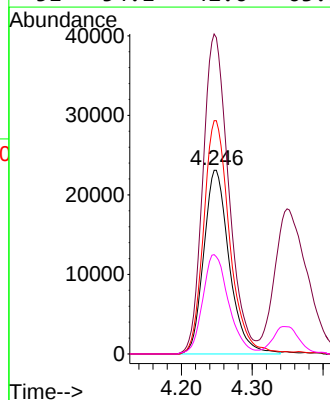
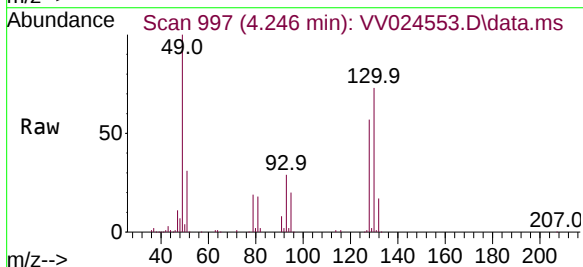
Instrument :
MSVOA_V
ClientSampleId :

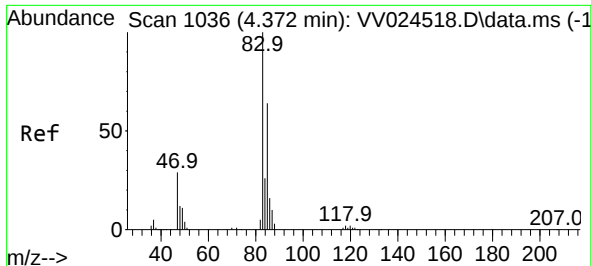
Tgt Ion: 43 Resp: 196740
Ion Ratio Lower Upper
43 100
72 21.4 12.9 38.7



#23
Bromochloromethane
Concen: 52.247 ug/L
RT: 4.246 min Scan# 997
Delta R.T. -0.000 min
Lab File: VV024553.D
Acq: 03 Feb 2022 17:23

Tgt Ion: 128 Resp: 57674
Ion Ratio Lower Upper
128 100
49 174.1 120.1 223.1
130 126.9 88.8 164.8
51 54.1 42.6 63.8

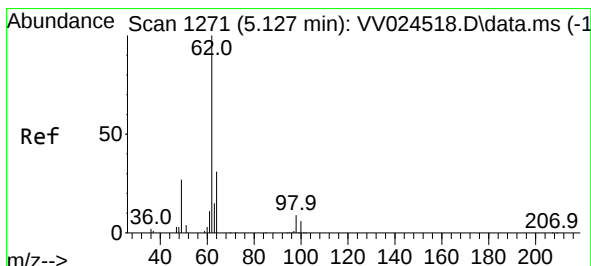
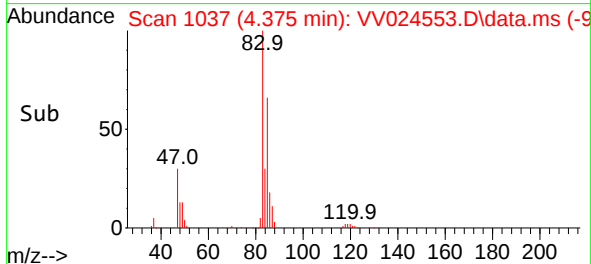
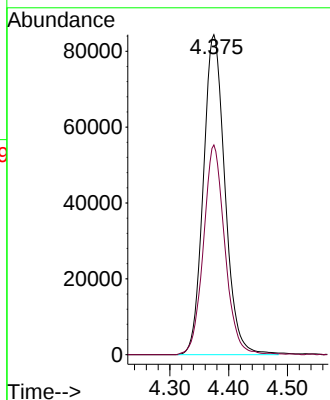
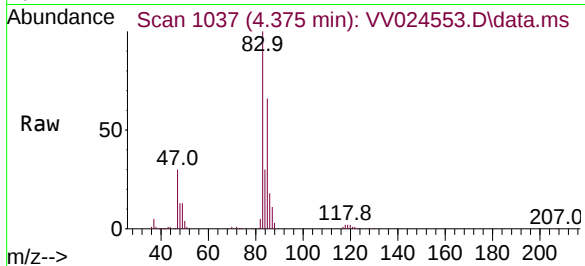




#25
Chloroform
Concen: 52.615 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. 0.003 min
Lab File: VV024553.D
Acq: 03 Feb 2022 17:23

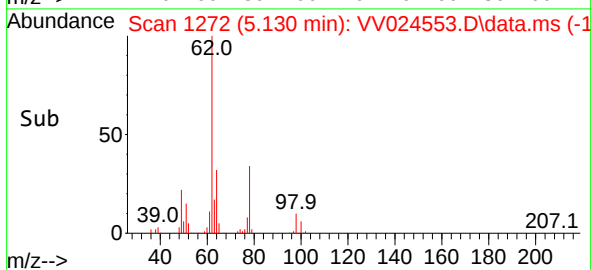
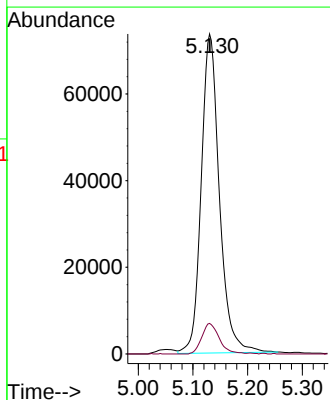
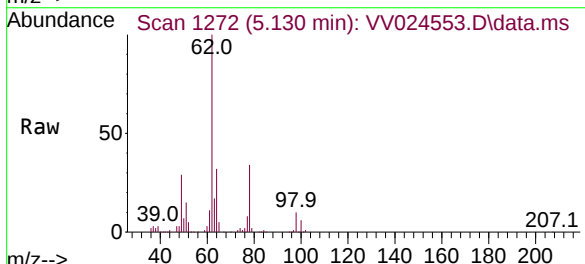
Instrument :
MSVOA_V
ClientSampleId :

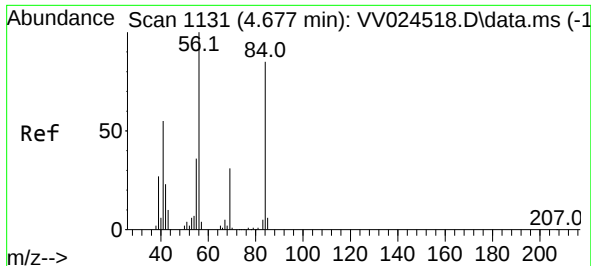
Tgt Ion: 83 Resp: 215649
Ion Ratio Lower Upper
83 100
85 65.5 45.4 84.4



#27
1,2-Dichloroethane
Concen: 52.867 ug/L
RT: 5.130 min Scan# 1272
Delta R.T. 0.003 min
Lab File: VV024553.D
Acq: 03 Feb 2022 17:23

Tgt Ion: 62 Resp: 169848
Ion Ratio Lower Upper
62 100
98 9.6 7.5 11.3





#29

Cyclohexane

Concen: 51.048 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. -0.000 min

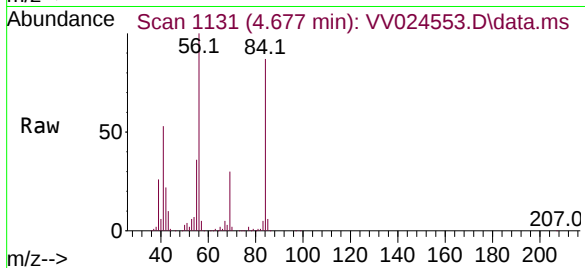
Lab File: VV024553.D

Acq: 03 Feb 2022 17:23

Instrument :

MSVOA_V

ClientSampleId :



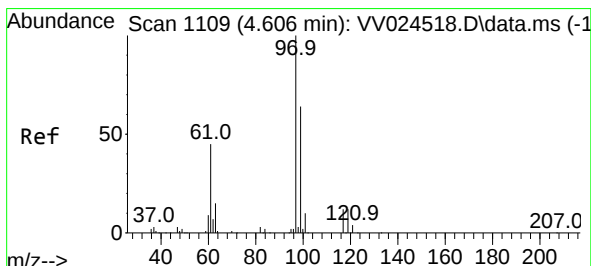
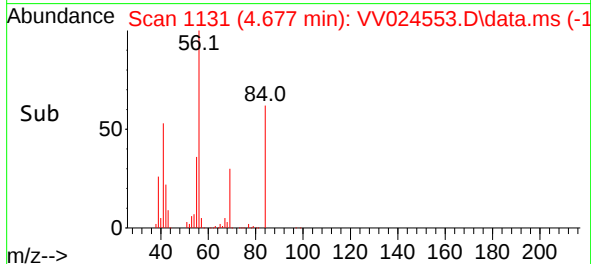
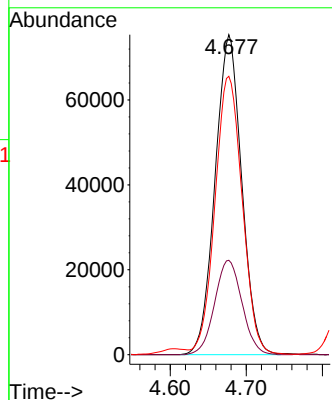
Tgt Ion: 56 Resp: 183058

Ion Ratio Lower Upper

56 100

69 30.3 24.7 37.1

84 89.4 70.2 105.4



#30

1,1,1-Trichloroethane

Concen: 52.608 ug/L

RT: 4.606 min Scan# 1109

Delta R.T. -0.000 min

Lab File: VV024553.D

Acq: 03 Feb 2022 17:23

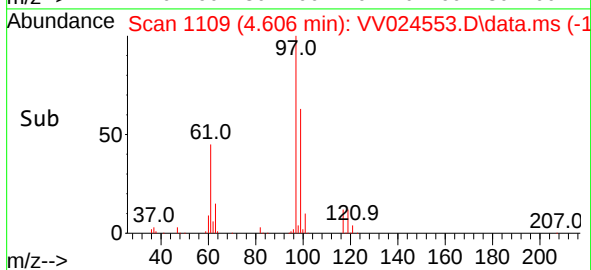
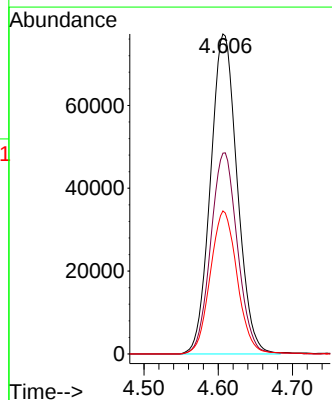
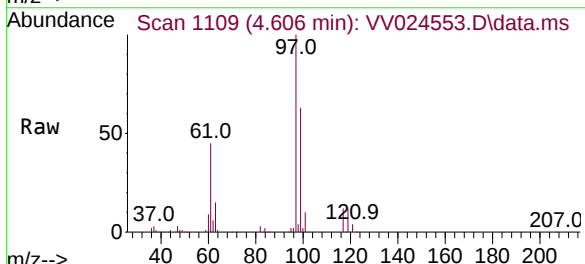
Tgt Ion: 97 Resp: 193267

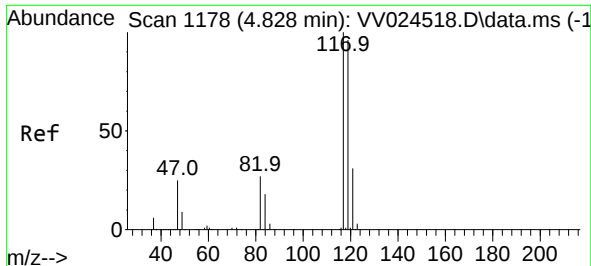
Ion Ratio Lower Upper

97 100

99 63.0 51.0 76.6

61 45.1 35.9 53.9

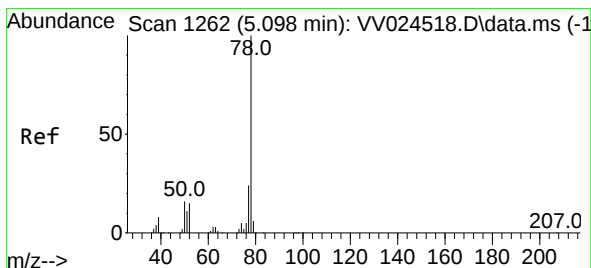
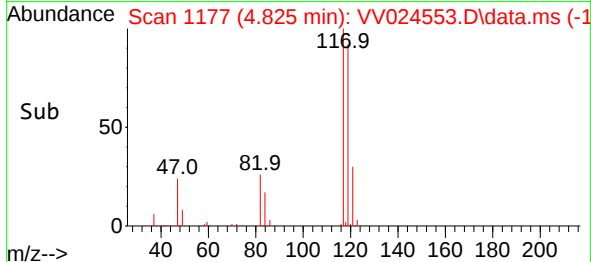
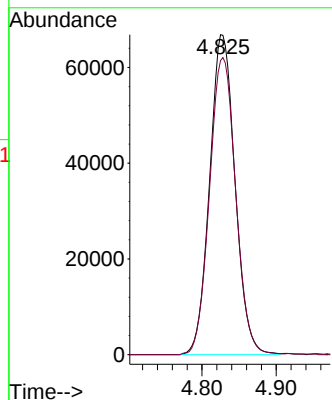
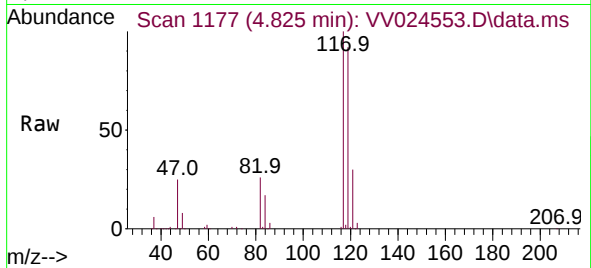




#31
Carbon tetrachloride
Concen: 52.315 ug/L
RT: 4.825 min Scan# 1178
Delta R.T. -0.003 min
Lab File: VV024553.D
Acq: 03 Feb 2022 17:23

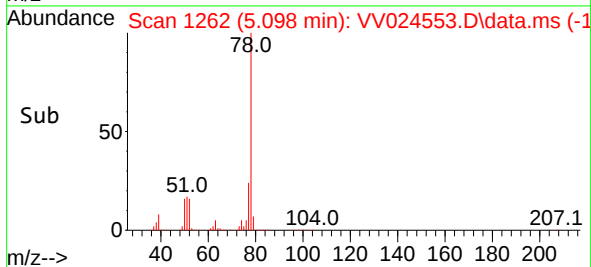
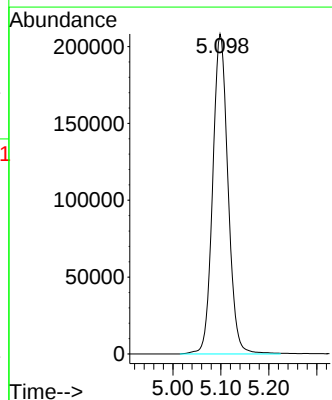
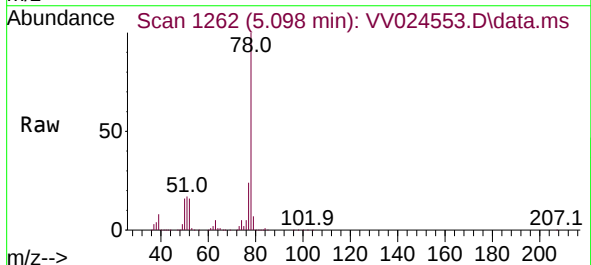
Instrument :
MSVOA_V
ClientSampleId :

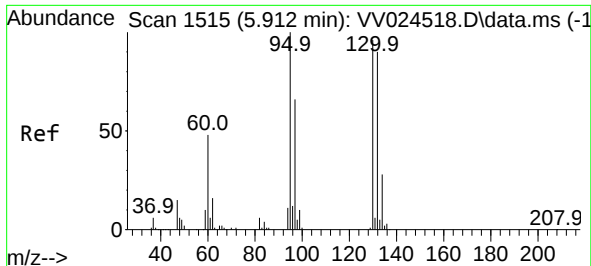
Tgt Ion:117 Resp: 158715
Ion Ratio Lower Upper
117 100
119 95.6 76.7 115.1



#33
Benzene
Concen: 52.922 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. -0.000 min
Lab File: VV024553.D
Acq: 03 Feb 2022 17:23

Tgt Ion: 78 Resp: 462610





#34

Trichloroethene

Concen: 52.305 ug/L

RT: 5.912 min Scan# 1

Delta R.T. -0.000 min

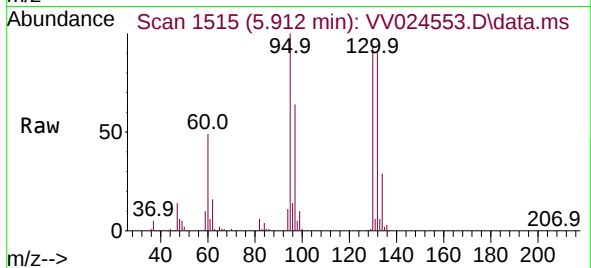
Lab File: VV024553.D

Acq: 03 Feb 2022 17:23

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 128819

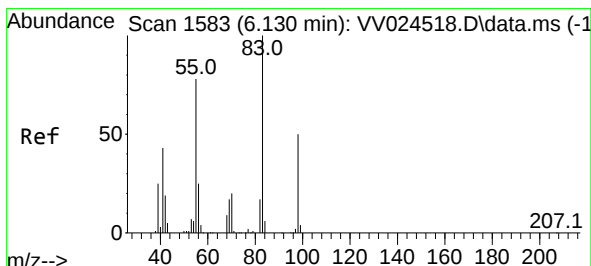
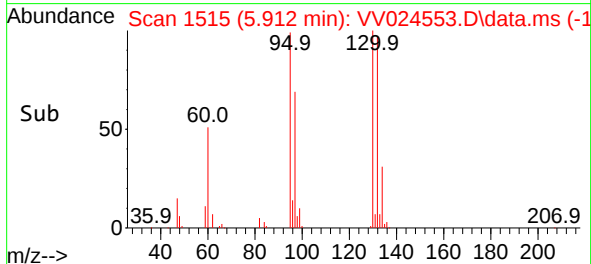
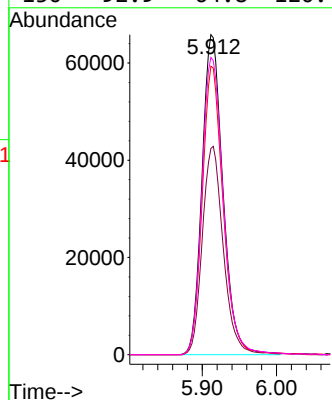
Ion Ratio Lower Upper

95 100

97 64.4 44.1 81.9

132 90.1 62.4 116.0

130 92.9 64.8 120.4



#35

Methylcyclohexane

Concen: 50.433 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. -0.000 min

Lab File: VV024553.D

Acq: 03 Feb 2022 17:23

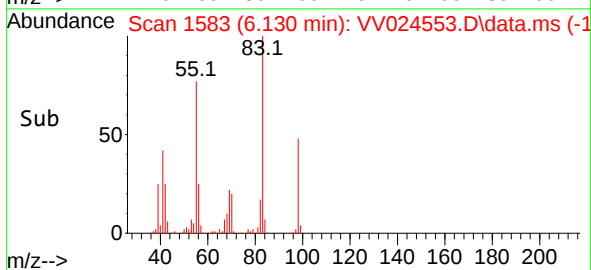
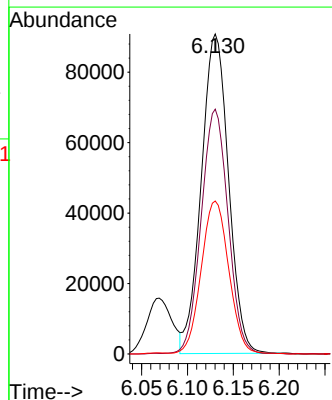
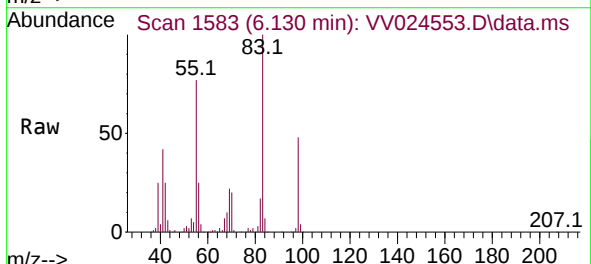
Tgt Ion: 83 Resp: 187413

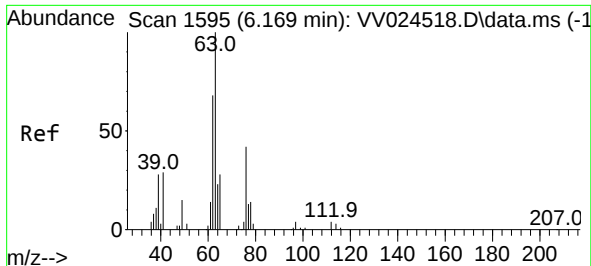
Ion Ratio Lower Upper

83 100

55 76.0 60.9 91.3

98 48.7 39.2 58.8





#37

1,2-Dichloropropane

Concen: 53.025 ug/L

RT: 6.172 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV024553.D

Acq: 03 Feb 2022 17:23

Instrument :

MSVOA_V

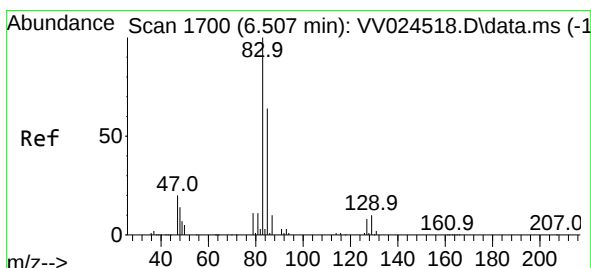
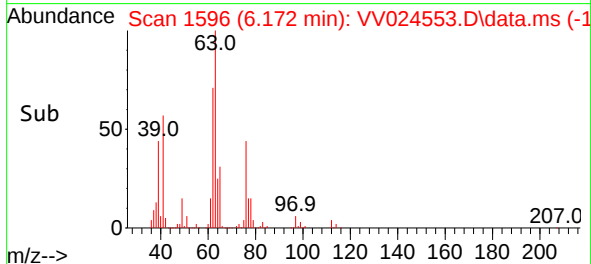
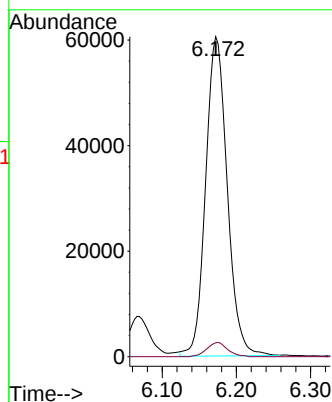
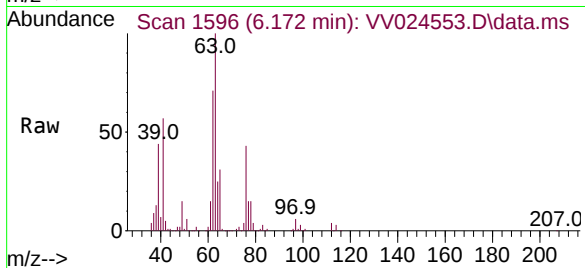
ClientSampleId :

Tgt Ion: 63 Resp: 122218

Ion Ratio Lower Upper

63 100

112 4.3 3.4 5.2



#38

Bromodichloromethane

Concen: 52.284 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.003 min

Lab File: VV024553.D

Acq: 03 Feb 2022 17:23

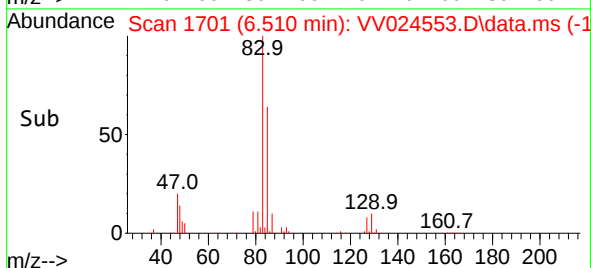
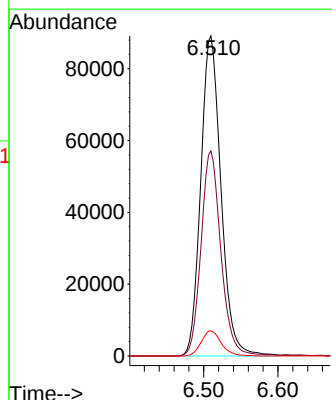
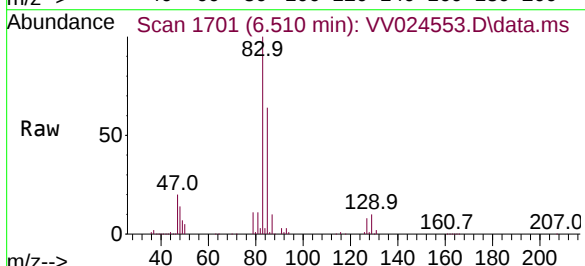
Tgt Ion: 83 Resp: 168954

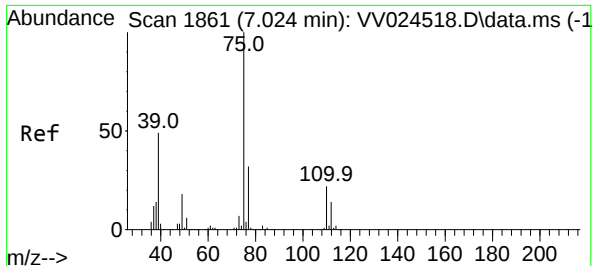
Ion Ratio Lower Upper

83 100

85 64.1 44.2 82.2

127 7.9 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 53.607 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. 0.003 min

Lab File: VV024553.D

Acq: 03 Feb 2022 17:23

Instrument :

MSVOA_V

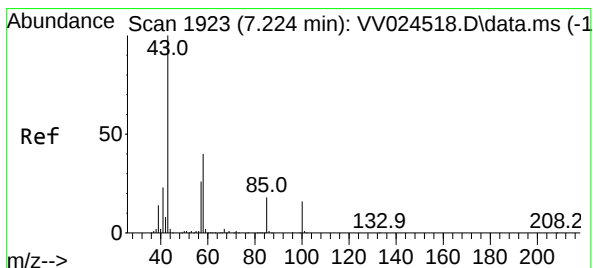
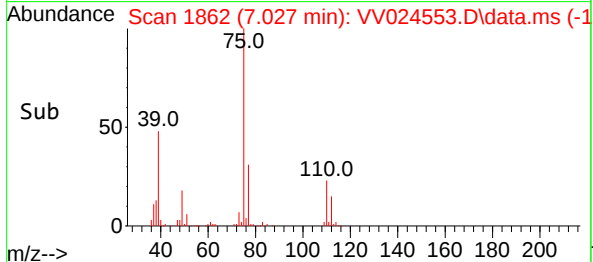
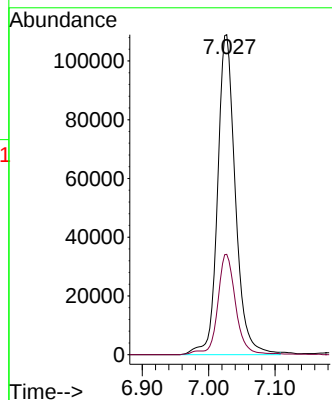
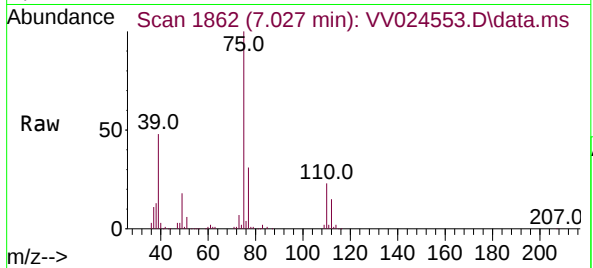
ClientSampleId :

Tgt Ion: 75 Resp: 202810

Ion Ratio Lower Upper

75 100

77 31.3 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 114.003 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.003 min

Lab File: VV024553.D

Acq: 03 Feb 2022 17:23

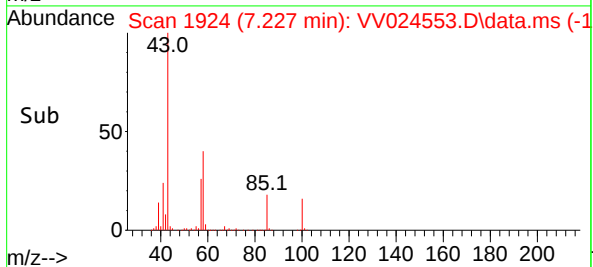
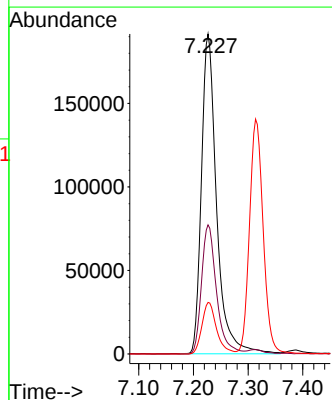
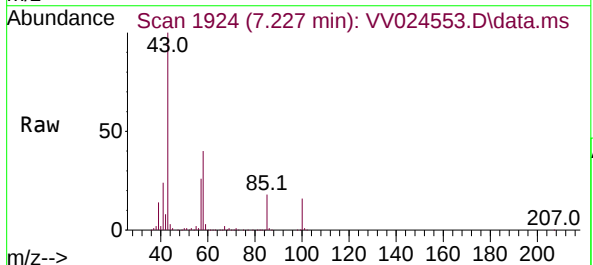
Tgt Ion: 43 Resp: 368025

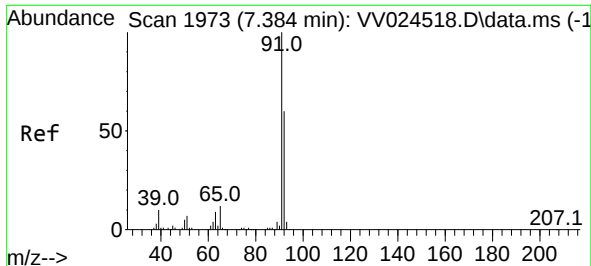
Ion Ratio Lower Upper

43 100

58 39.9 32.5 48.7

100 15.7 12.7 19.1

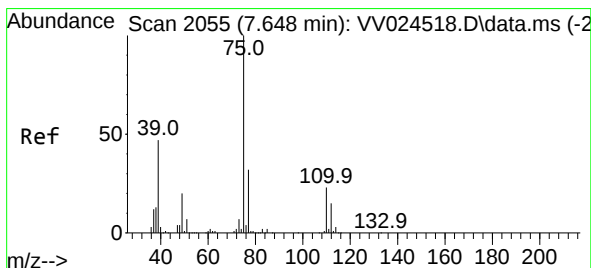
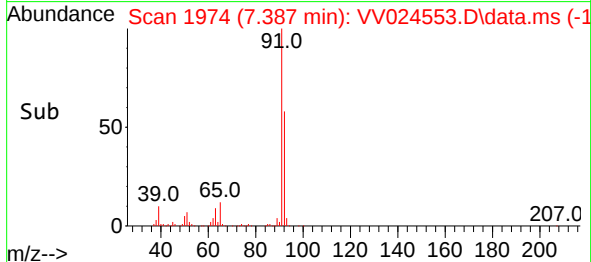
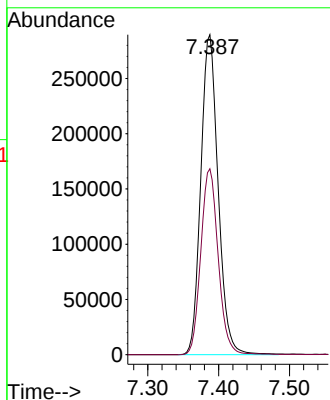
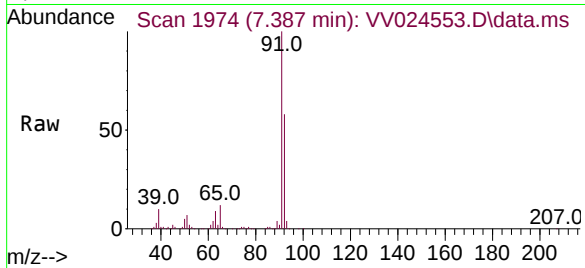




#42
Toluene
Concen: 52.561 ug/L
RT: 7.387 min Scan# 1973
Delta R.T. 0.003 min
Lab File: VV024553.D
Acq: 03 Feb 2022 17:23

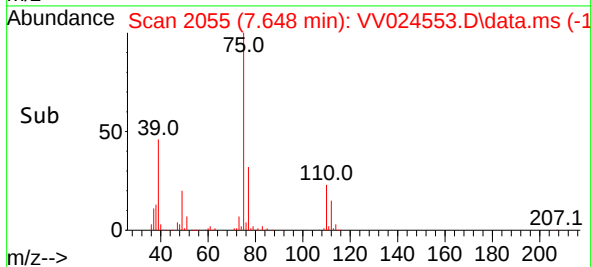
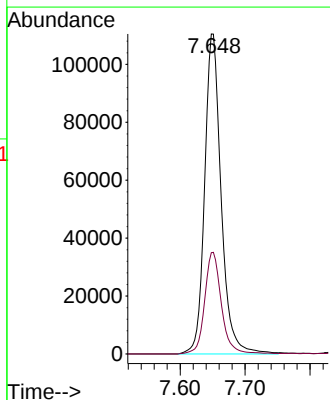
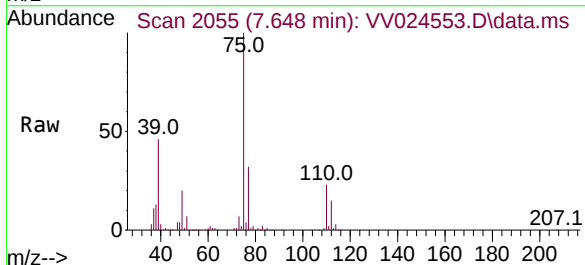
Instrument :
MSVOA_V
ClientSampleId :

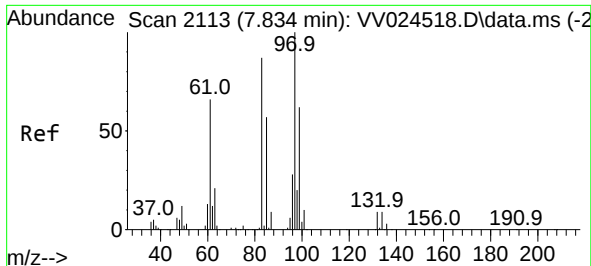
Tgt Ion: 91 Resp: 492221
Ion Ratio Lower Upper
91 100
92 58.1 40.6 75.4



#44
trans-1,3-Dichloropropene
Concen: 53.277 ug/L
RT: 7.648 min Scan# 2055
Delta R.T. -0.000 min
Lab File: VV024553.D
Acq: 03 Feb 2022 17:23

Tgt Ion: 75 Resp: 195749
Ion Ratio Lower Upper
75 100
77 31.6 22.7 42.1





#45

1,1,2-Trichloroethane

Concen: 52.448 ug/L

RT: 7.838 min Scan# 2113

Delta R.T. 0.003 min

Lab File: VV024553.D

Acq: 03 Feb 2022 17:23

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 115572

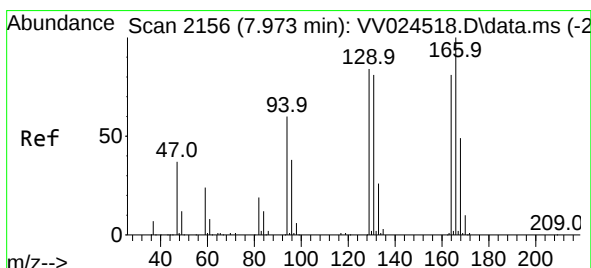
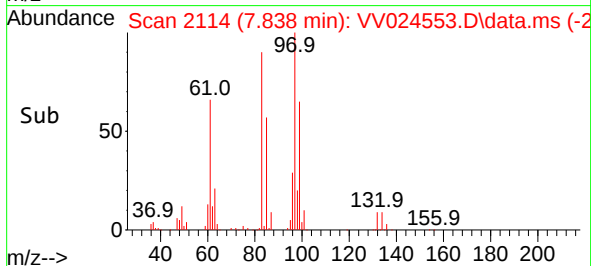
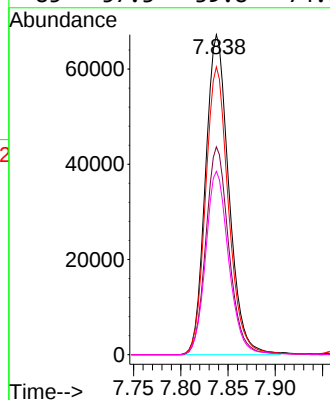
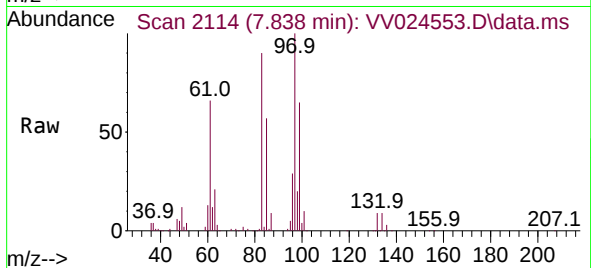
Ion Ratio Lower Upper

97 100

99 64.9 43.8 81.4

83 89.9 61.7 114.7

85 57.3 39.8 74.0



#46

Tetrachloroethene

Concen: 52.318 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.000 min

Lab File: VV024553.D

Acq: 03 Feb 2022 17:23

Tgt Ion:164 Resp: 76554

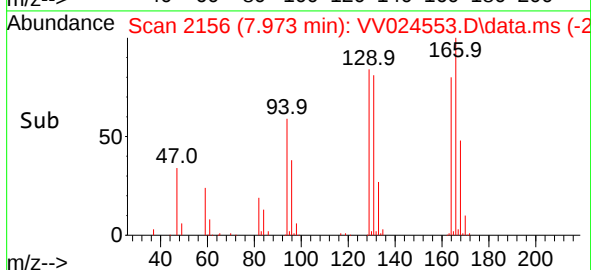
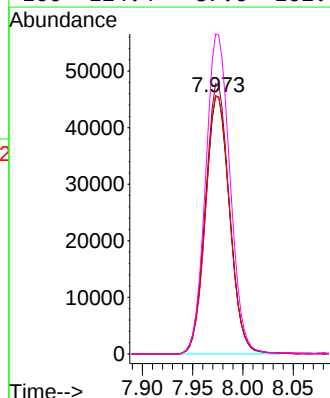
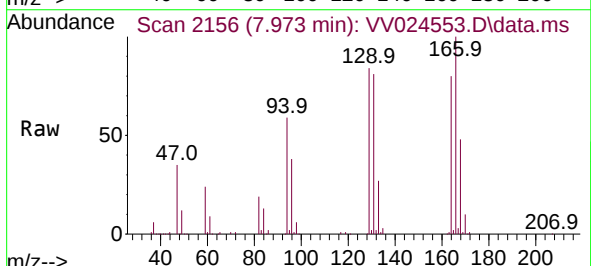
Ion Ratio Lower Upper

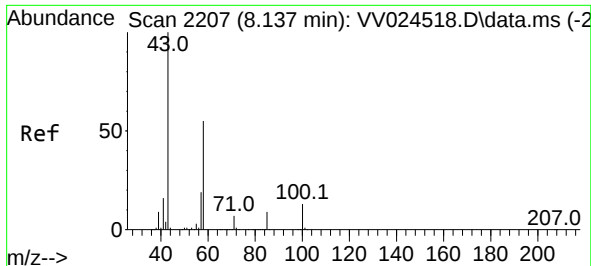
164 100

129 105.1 74.8 138.8

131 100.5 70.8 131.6

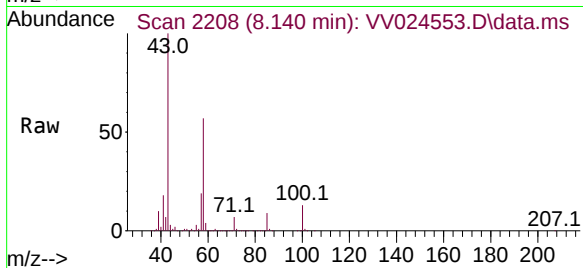
166 124.4 87.6 162.6



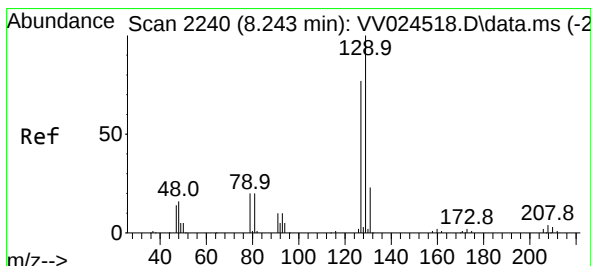
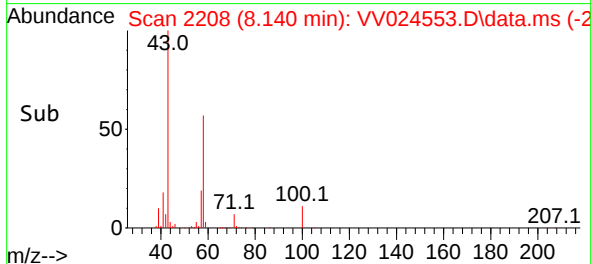
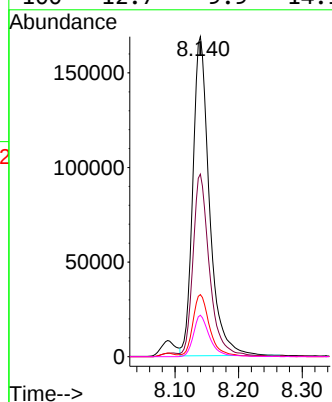


#48
2-Hexanone
Concen: 111.304 ug/L
RT: 8.140 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV024553.D
Acq: 03 Feb 2022 17:23

Instrument :
MSVOA_V
ClientSampleId :

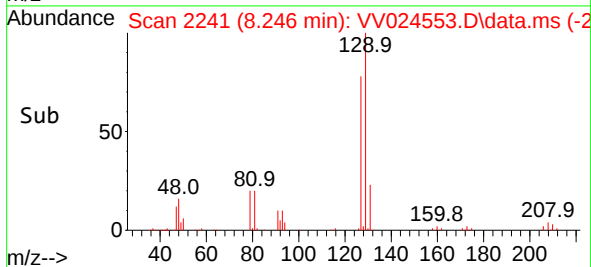
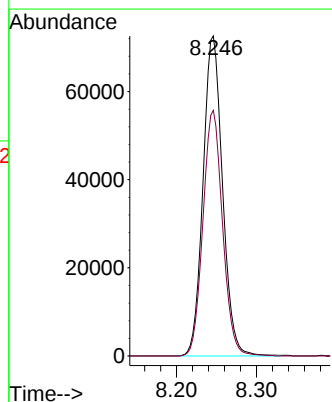
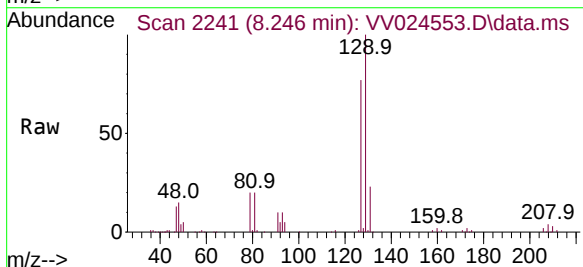


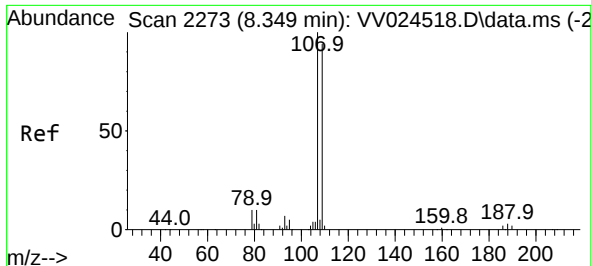
Tgt Ion: 43 Resp: 305606
Ion Ratio Lower Upper
43 100
58 57.1 44.8 67.2
57 19.0 15.1 22.7
100 12.7 9.9 14.9



#49
Dibromochloromethane
Concen: 52.960 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV024553.D
Acq: 03 Feb 2022 17:23

Tgt Ion: 129 Resp: 123175
Ion Ratio Lower Upper
129 100
127 76.8 53.6 99.6





#50

1,2-Dibromoethane

Concen: 53.076 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV024553.D

Acq: 03 Feb 2022 17:23

Instrument :

MSVOA_V

ClientSampleId :

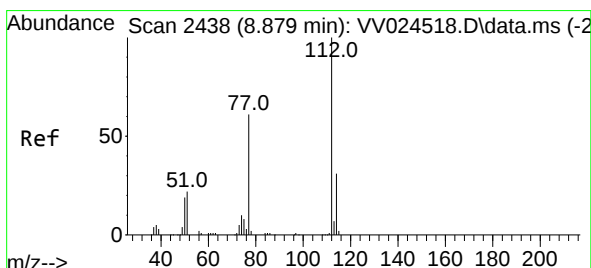
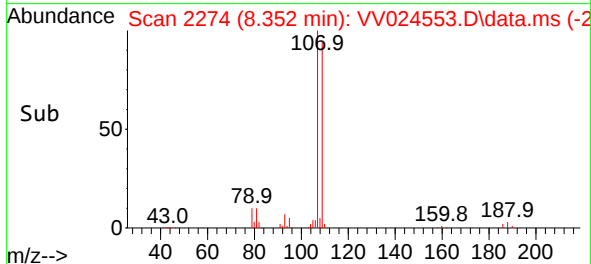
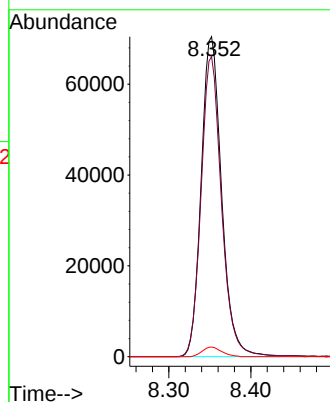
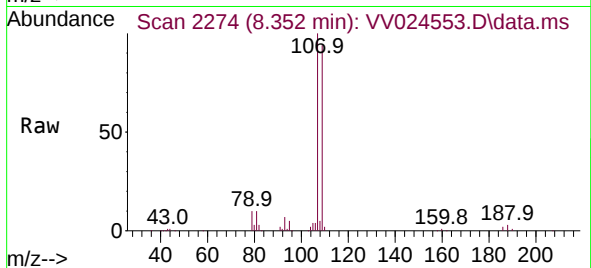
Tgt Ion:107 Resp: 121620

Ion Ratio Lower Upper

107 100

109 93.8 65.4 121.4

188 3.0 2.6 3.8



#51

Chlorobenzene

Concen: 52.472 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. -0.000 min

Lab File: VV024553.D

Acq: 03 Feb 2022 17:23

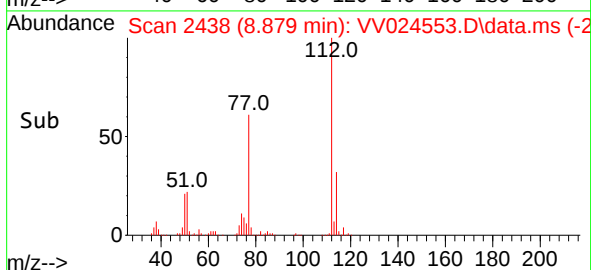
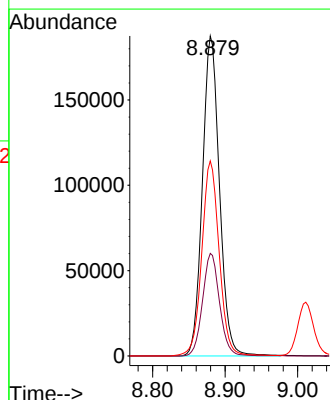
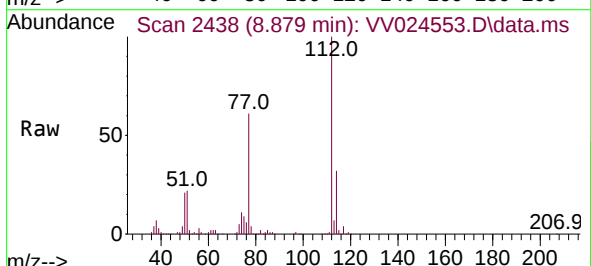
Tgt Ion:112 Resp: 306666

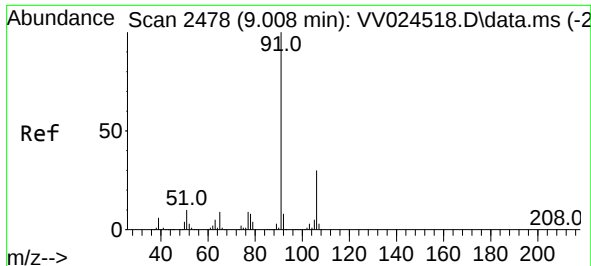
Ion Ratio Lower Upper

112 100

114 32.1 22.7 42.1

77 60.9 49.9 74.9





#52

Ethylbenzene

Concen: 52.401 ug/L

RT: 9.011 min Scan# 2478

Delta R.T. 0.003 min

Lab File: VV024553.D

Acq: 03 Feb 2022 17:23

Instrument :

MSVOA_V

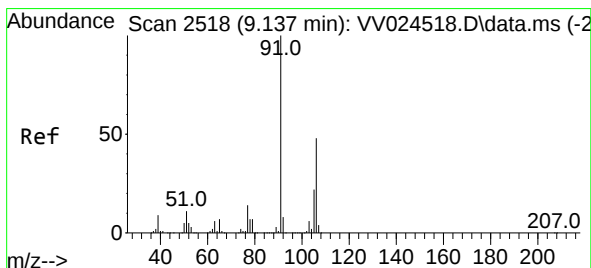
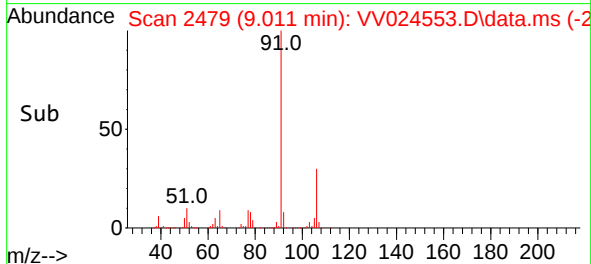
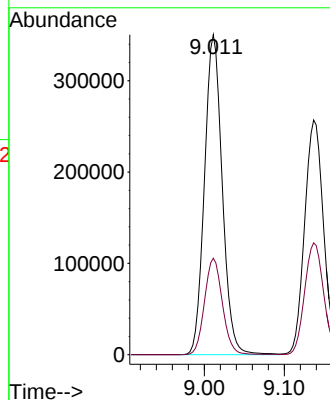
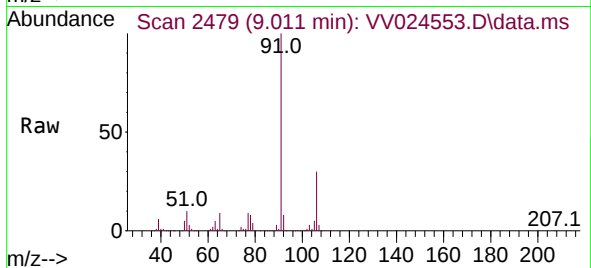
ClientSampleId :

Tgt Ion: 91 Resp: 543064

Ion Ratio Lower Upper

91 100

106 30.1 20.6 38.2



#53

m,p-Xylene

Concen: 52.286 ug/L

RT: 9.137 min Scan# 2518

Delta R.T. -0.000 min

Lab File: VV024553.D

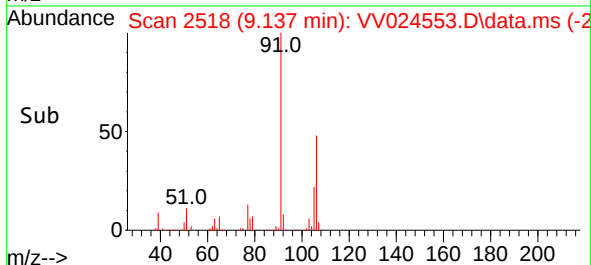
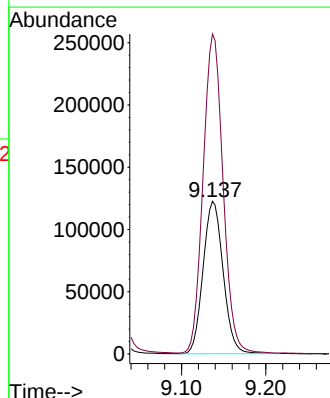
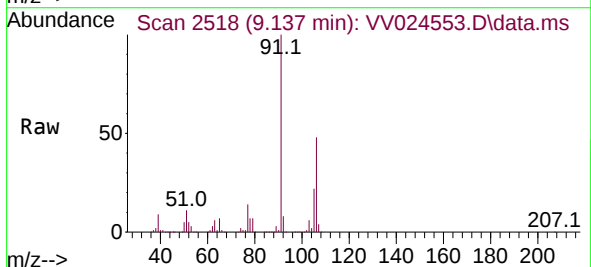
Acq: 03 Feb 2022 17:23

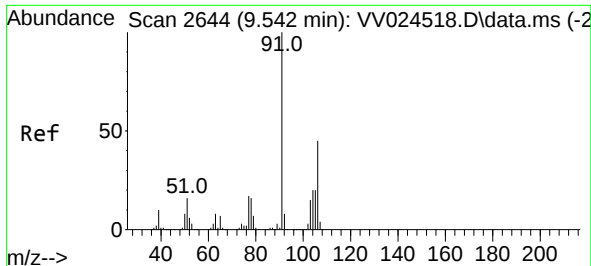
Tgt Ion:106 Resp: 202760

Ion Ratio Lower Upper

106 100

91 209.7 144.6 268.6

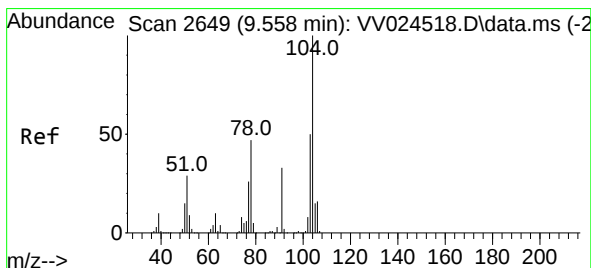
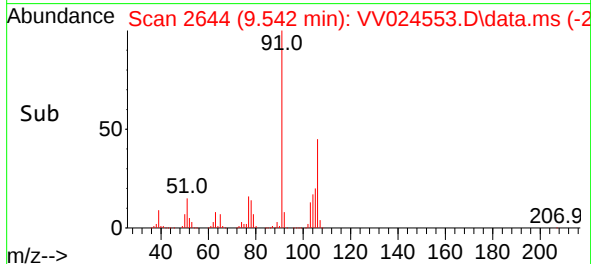
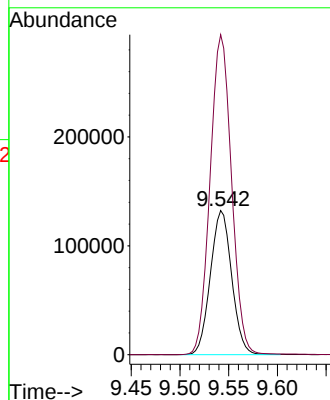
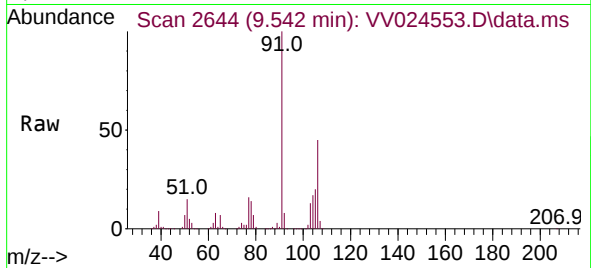




#54
o-Xylene
Concen: 52.058 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV024553.D
Acq: 03 Feb 2022 17:23

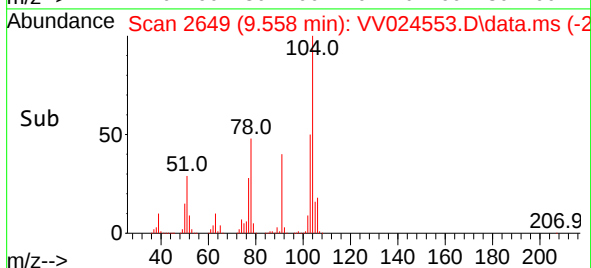
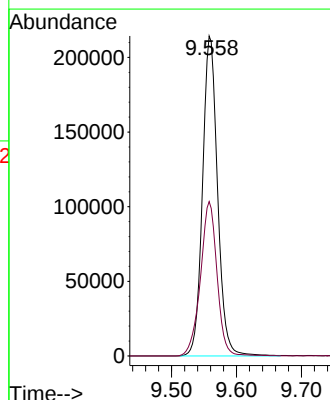
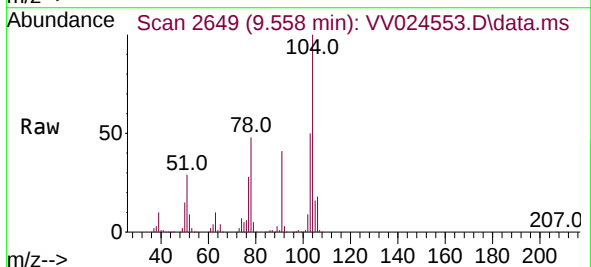
Instrument :
MSVOA_V
ClientSampleId :

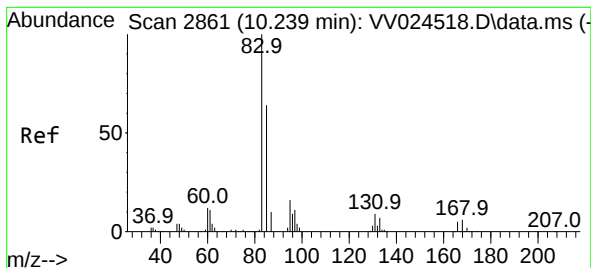
Tgt Ion:106 Resp: 201606
Ion Ratio Lower Upper
106 100
91 222.0 155.4 288.6



#55
Styrene
Concen: 52.734 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.000 min
Lab File: VV024553.D
Acq: 03 Feb 2022 17:23

Tgt Ion:104 Resp: 345749
Ion Ratio Lower Upper
104 100
78 48.2 32.9 61.1

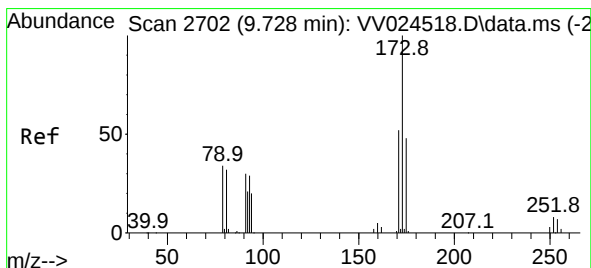
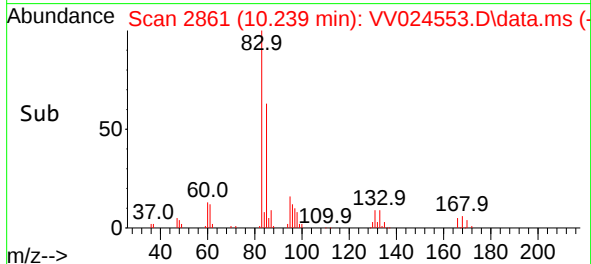
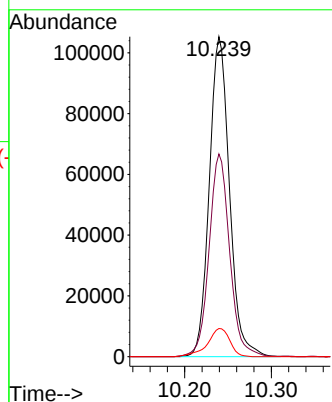
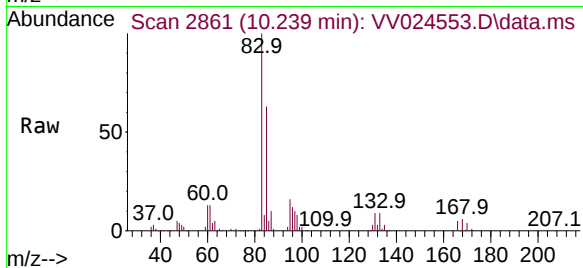




#57
1,1,2-Tetrachloroethane
Concen: 53.957 ug/L
RT: 10.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV024553.D
Acq: 03 Feb 2022 17:23

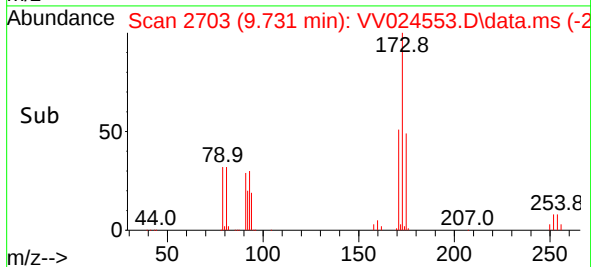
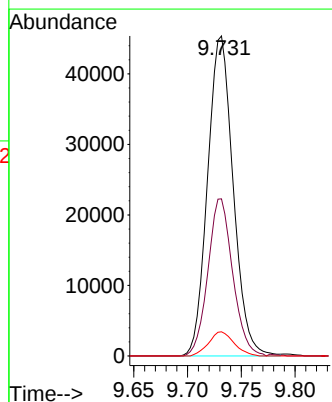
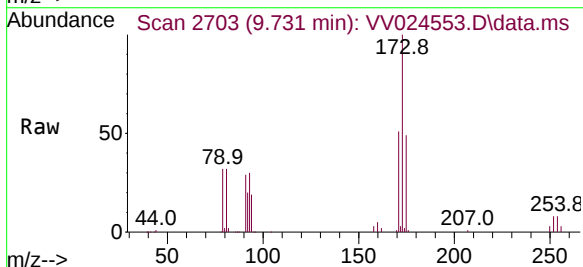
Instrument :
MSVOA_V
ClientSampleId :

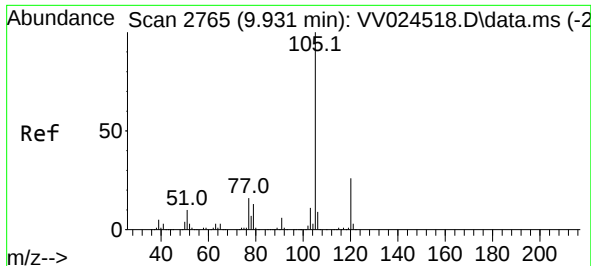
Tgt Ion: 83 Resp: 170255
Ion Ratio Lower Upper
83 100
85 63.3 45.6 84.6
131 8.8 7.1 10.7



#59
Bromoform
Concen: 54.674 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.003 min
Lab File: VV024553.D
Acq: 03 Feb 2022 17:23

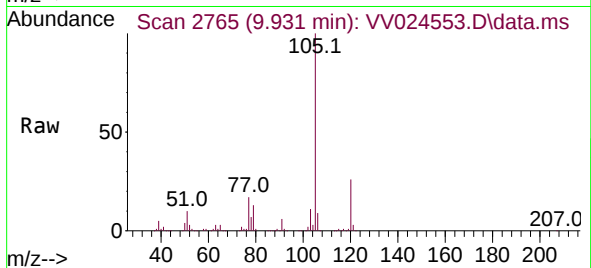
Tgt Ion: 173 Resp: 75180
Ion Ratio Lower Upper
173 100
175 47.5 38.6 57.8
254 7.5 5.8 8.8



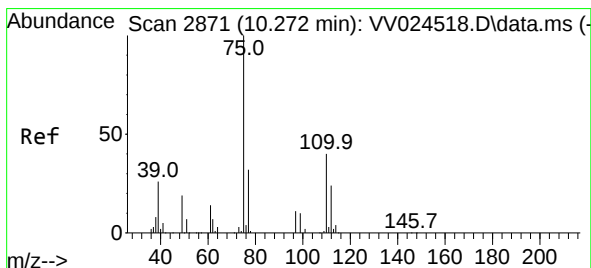
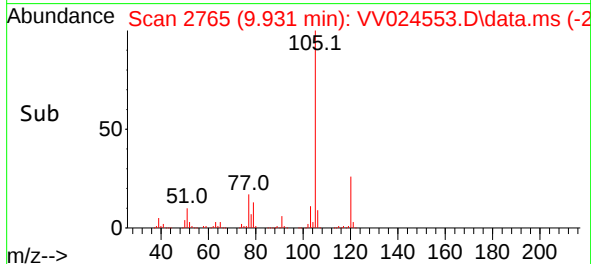
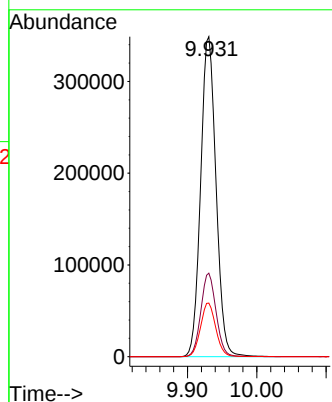


#60
Isopropylbenzene
Concen: 52.935 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.000 min
Lab File: VV024553.D
Acq: 03 Feb 2022 17:23

Instrument :
MSVOA_V
ClientSampleId :

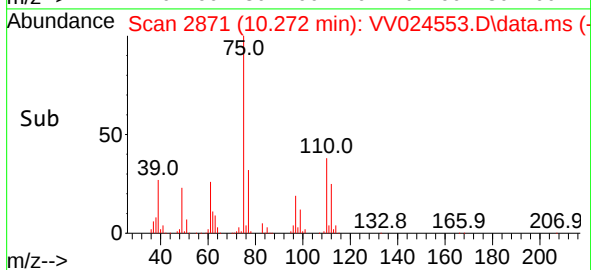
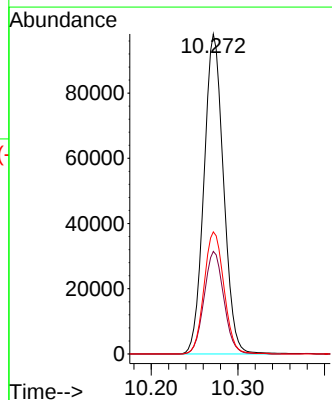
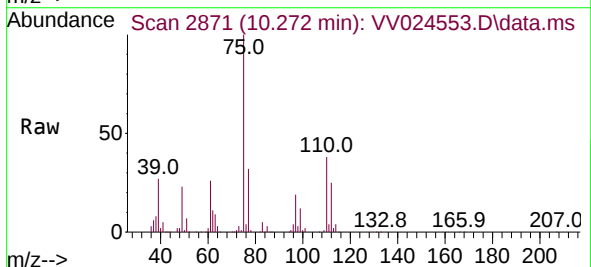


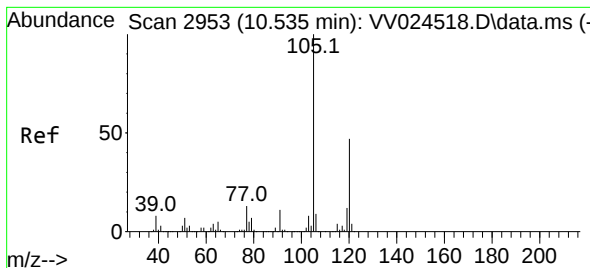
Tgt Ion:105 Resp: 538553
Ion Ratio Lower Upper
105 100
120 25.8 20.4 30.6
77 16.7 13.1 19.7



#61
1,2,3-Trichloropropane
Concen: 54.486 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV024553.D
Acq: 03 Feb 2022 17:23

Tgt Ion: 75 Resp: 154095
Ion Ratio Lower Upper
75 100
77 32.3 25.8 38.8
110 38.7 30.9 46.3





#62

1,3,5-Trimethylbenzene

Concen: 52.988 ug/L

RT: 10.538 min Scan# 2953

Delta R.T. 0.003 min

Lab File: VV024553.D

Acq: 03 Feb 2022 17:23

Instrument :

MSVOA_V

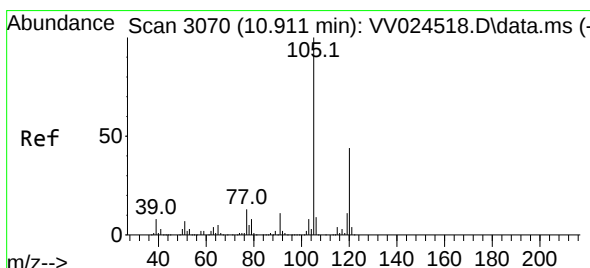
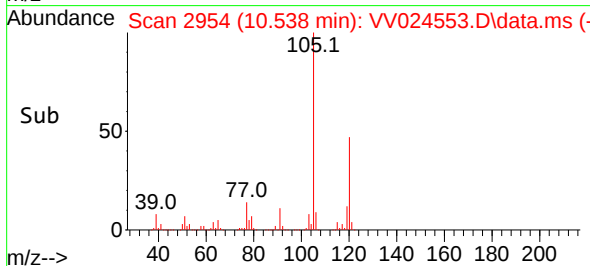
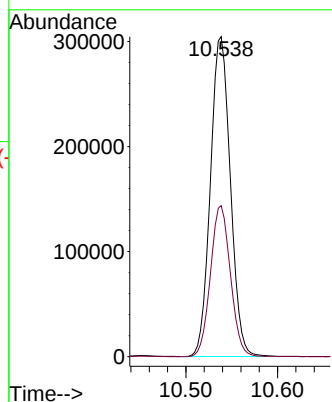
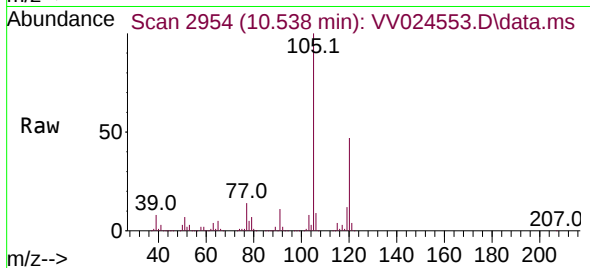
ClientSampleId :

Tgt Ion:105 Resp: 460347

Ion Ratio Lower Upper

105 100

120 47.3 38.0 57.0



#63

1,2,4-Trimethylbenzene

Concen: 52.734 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.000 min

Lab File: VV024553.D

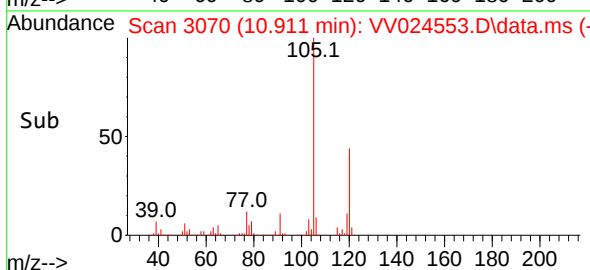
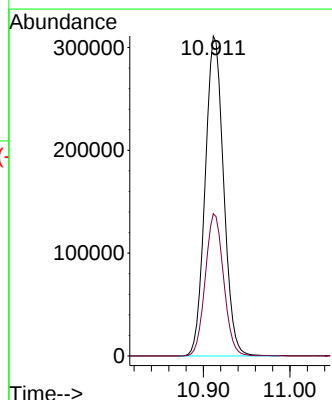
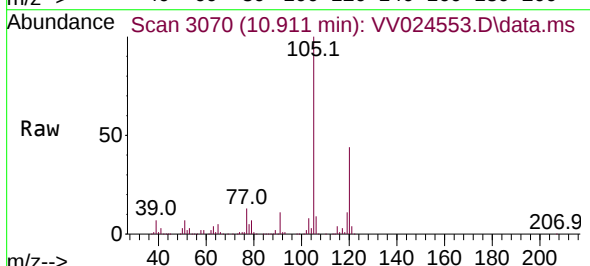
Acq: 03 Feb 2022 17:23

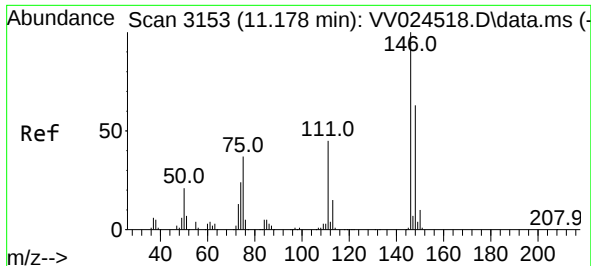
Tgt Ion:105 Resp: 461085

Ion Ratio Lower Upper

105 100

120 44.2 34.9 52.3

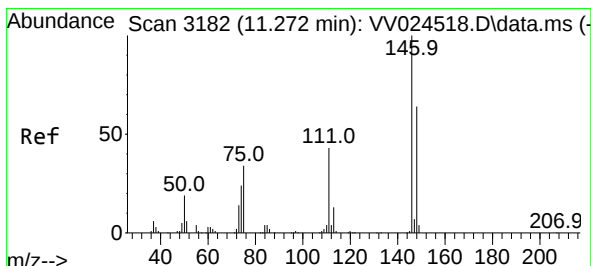
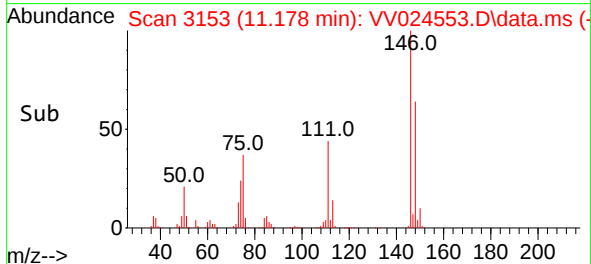
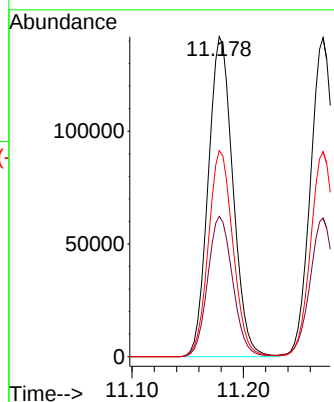
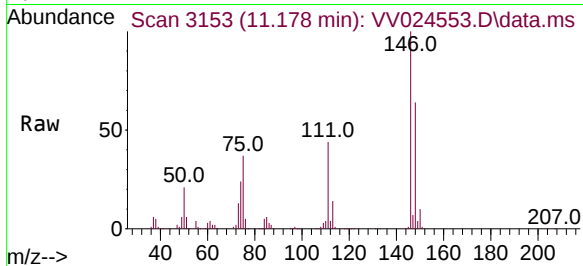




#64
1,3-Dichlorobenzene
Concen: 52.667 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV024553.D
Acq: 03 Feb 2022 17:23

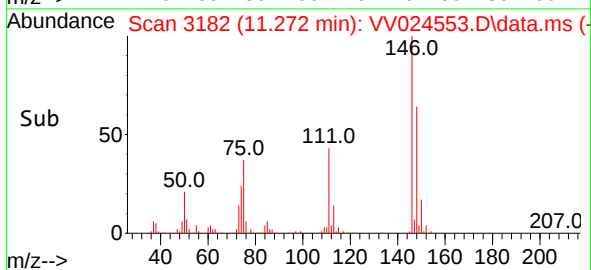
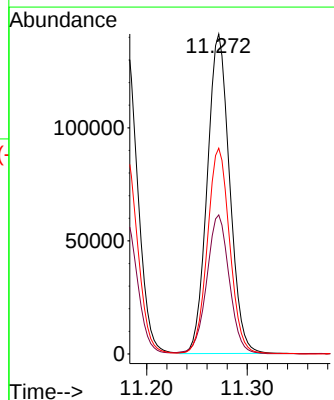
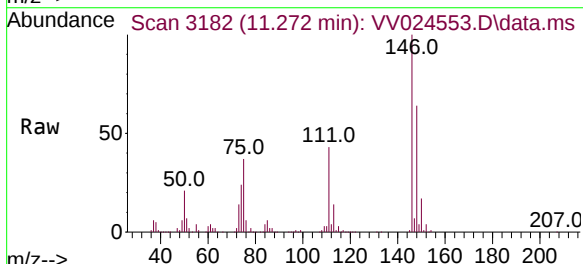
Instrument :
MSVOA_V
ClientSampleId :

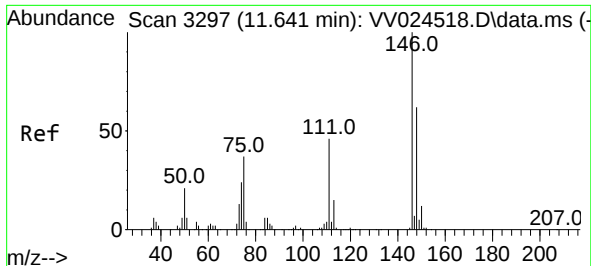
Tgt Ion:146 Resp: 219111
Ion Ratio Lower Upper
146 100
111 43.8 31.0 57.6
148 64.4 44.0 81.8



#65
1,4-Dichlorobenzene
Concen: 51.840 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV024553.D
Acq: 03 Feb 2022 17:23

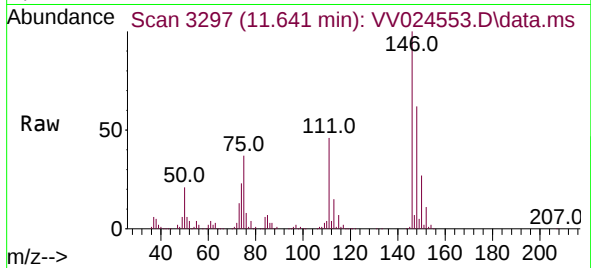
Tgt Ion:146 Resp: 218443
Ion Ratio Lower Upper
146 100
111 43.5 29.7 55.1
148 64.3 44.2 82.2



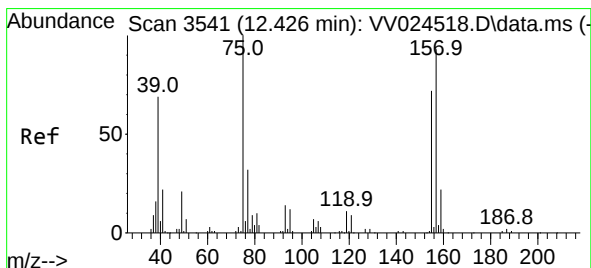
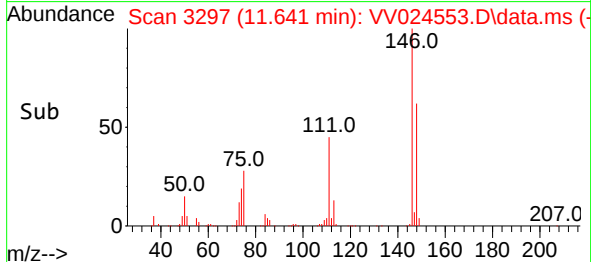
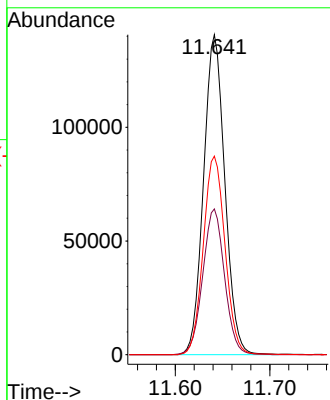


#67
1,2-Dichlorobenzene
Concen: 52.925 ug/L
RT: 11.641 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV024553.D
Acq: 03 Feb 2022 17:23

Instrument :
MSVOA_V
ClientSampleId :

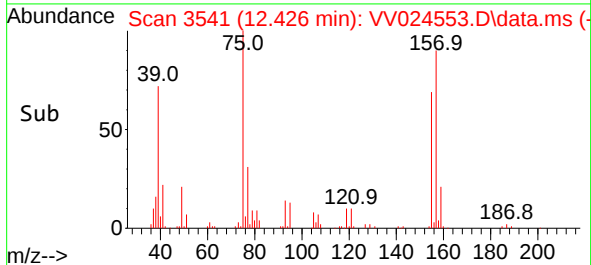
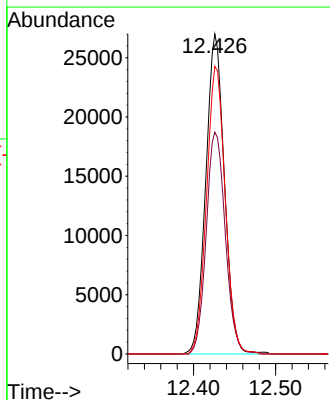
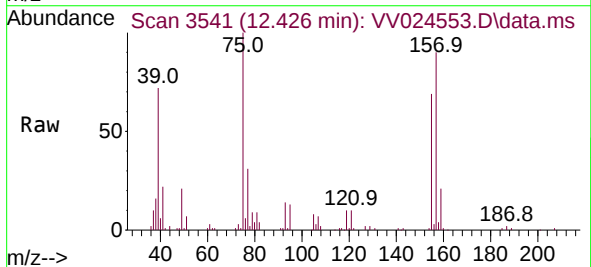


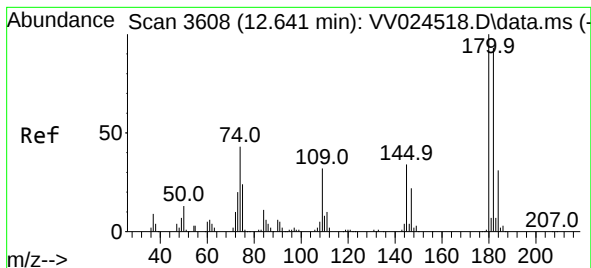
Tgt Ion:146 Resp: 220119
Ion Ratio Lower Upper
146 100
111 45.5 37.0 55.6
148 62.0 51.5 77.3



#68
1,2-Dibromo-3-chloropropane
Concen: 57.179 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.000 min
Lab File: VV024553.D
Acq: 03 Feb 2022 17:23

Tgt Ion: 75 Resp: 42618
Ion Ratio Lower Upper
75 100
155 69.3 60.2 90.4
157 89.9 75.6 113.4





#69

1,3,5-Trichlorobenzene

Concen: 52.968 ug/L

RT: 12.645 min Scan# 3609

Delta R.T. 0.003 min

Lab File: VV024553.D

Acq: 03 Feb 2022 17:23

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 146138

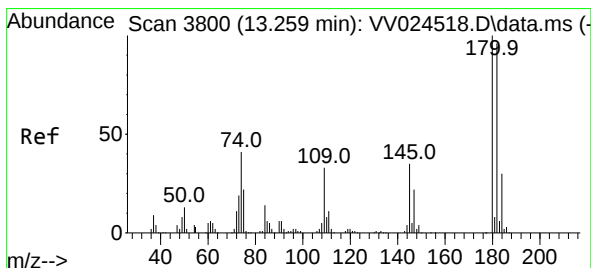
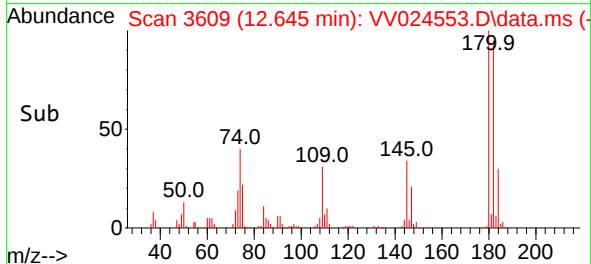
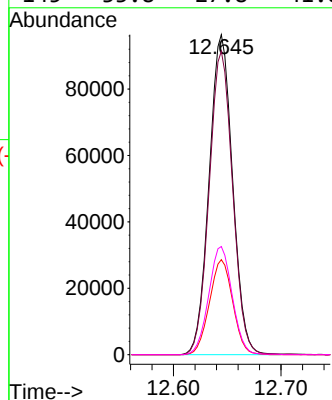
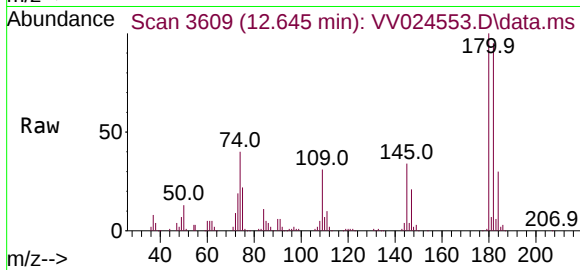
Ion Ratio Lower Upper

180 100

182 94.6 75.8 113.8

184 29.4 23.8 35.8

145 33.8 27.8 41.8



#70

1,2,4-trichlorobenzene

Concen: 53.129 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. -0.000 min

Lab File: VV024553.D

Acq: 03 Feb 2022 17:23

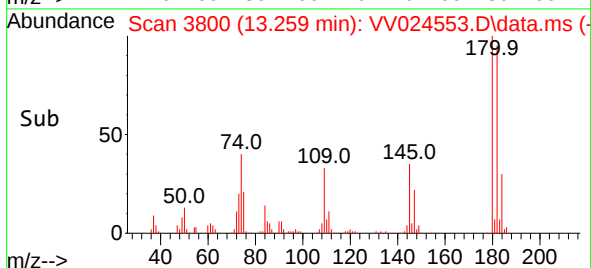
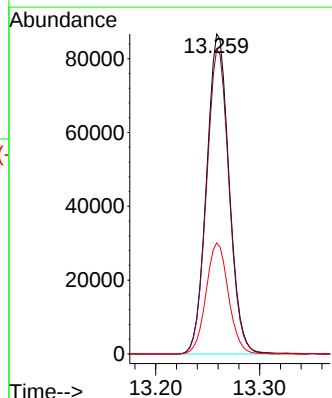
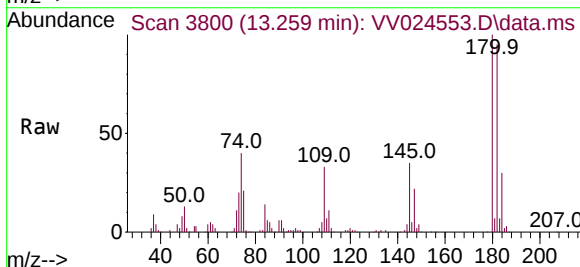
Tgt Ion:180 Resp: 130607

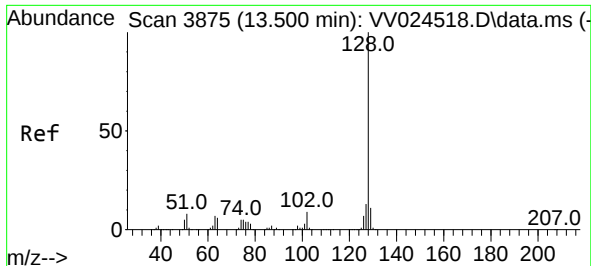
Ion Ratio Lower Upper

180 100

182 95.6 76.3 114.5

145 34.5 28.5 42.7

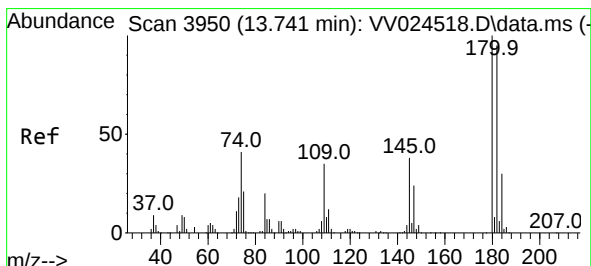
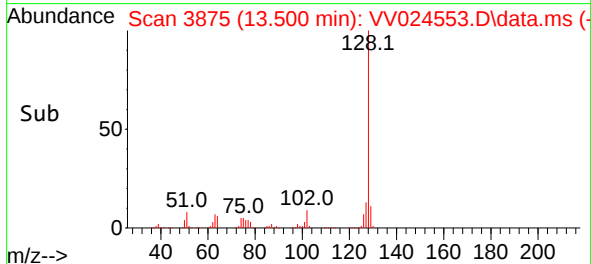
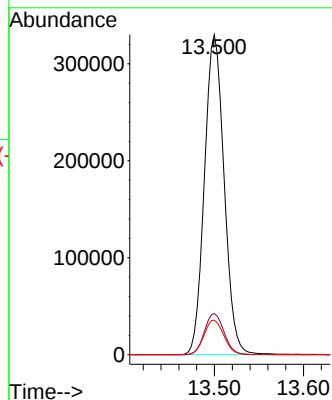
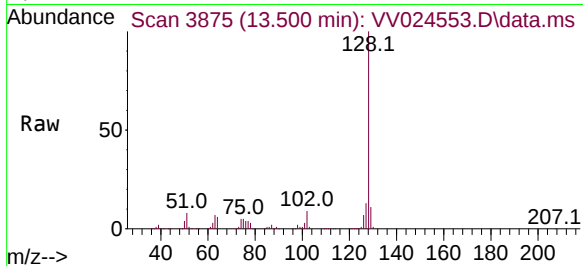




#71
Naphthalene
Concen: 56.145 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV024553.D
Acq: 03 Feb 2022 17:23

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 506004
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 10.9 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 55.139 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV024553.D
Acq: 03 Feb 2022 17:23

Tgt Ion:180 Resp: 132405
Ion Ratio Lower Upper
180 100
182 94.4 75.4 113.2
145 36.7 30.1 45.1

