

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080322\
 Data File : VW024150.D
 Acq On : 03 Aug 2022 14:34
 Operator : SY/VA
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV406

Quant Time: Aug 04 01:13:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Aug 04 01:06:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.835	114	335519	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	334983	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	191501	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.337	65	128814	22.670	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.680%
7) Chloroethane-d5	2.873	69	82922	22.866	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.480%
11) 1,1-Dichloroethene-d2	4.007	63	147661	20.723	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.880%
21) 2-Butanone-d5	7.074	46	52122	44.144	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.280%
24) Chloroform-d	7.641	84	218005	23.000	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.000%
26) 1,2-Dichloroethane-d4	8.299	65	117516	22.878	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.520%
32) Benzene-d6	8.268	84	394508	22.238	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.960%
36) 1,2-Dichloropropane-d6	9.268	67	120372	22.979	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.920%
41) Toluene-d8	10.323	98	376304	22.664	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.640%
43) trans-1,3-Dichloroprop...	10.573	79	51772	21.182	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.720%
47) 2-Hexanone-d5	10.920	63	47211	47.276	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.560%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	119828	22.678	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.720%
66) 1,2-Dichlorobenzene-d4	13.853	152	161699	23.803	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	70602	25.603	ug/L	100
3) Chloromethane	2.203	50	141707	26.470	ug/L	98
5) Vinyl chloride	2.349	62	190274	23.333	ug/L	99
6) Bromomethane	2.763	94	104328	21.730	ug/L	96
8) Chloroethane	2.904	64	78633	22.486	ug/L	97
9) Trichlorofluoromethane	3.239	101	78333	16.860	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.044	101	111017	21.172	ug/L	98
12) 1,1-Dichloroethene	4.025	96	92914	21.013	ug/L	96
13) Acetone	4.123	43	34614	36.557	ug/L	97
14) Carbon disulfide	4.373	76	306913	21.403	ug/L	99
15) Methyl Acetate	4.665	43	43356	20.744	ug/L	100
16) Methylene chloride	4.903	84	115943	17.703	ug/L	97
17) trans-1,2-Dichloroethene	5.415	96	109169	21.915	ug/L	93
18) Methyl tert-butyl Ether	5.421	73	151519	22.319	ug/L	98
19) 1,1-Dichloroethane	6.208	63	184824	21.938	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	117604	22.338	ug/L	95
22) 2-Butanone	7.165	43	58368	38.447	ug/L	98
23) Bromochloromethane	7.506	128	57949	21.867	ug/L	99
25) Chloroform	7.671	83	212143	22.609	ug/L	98

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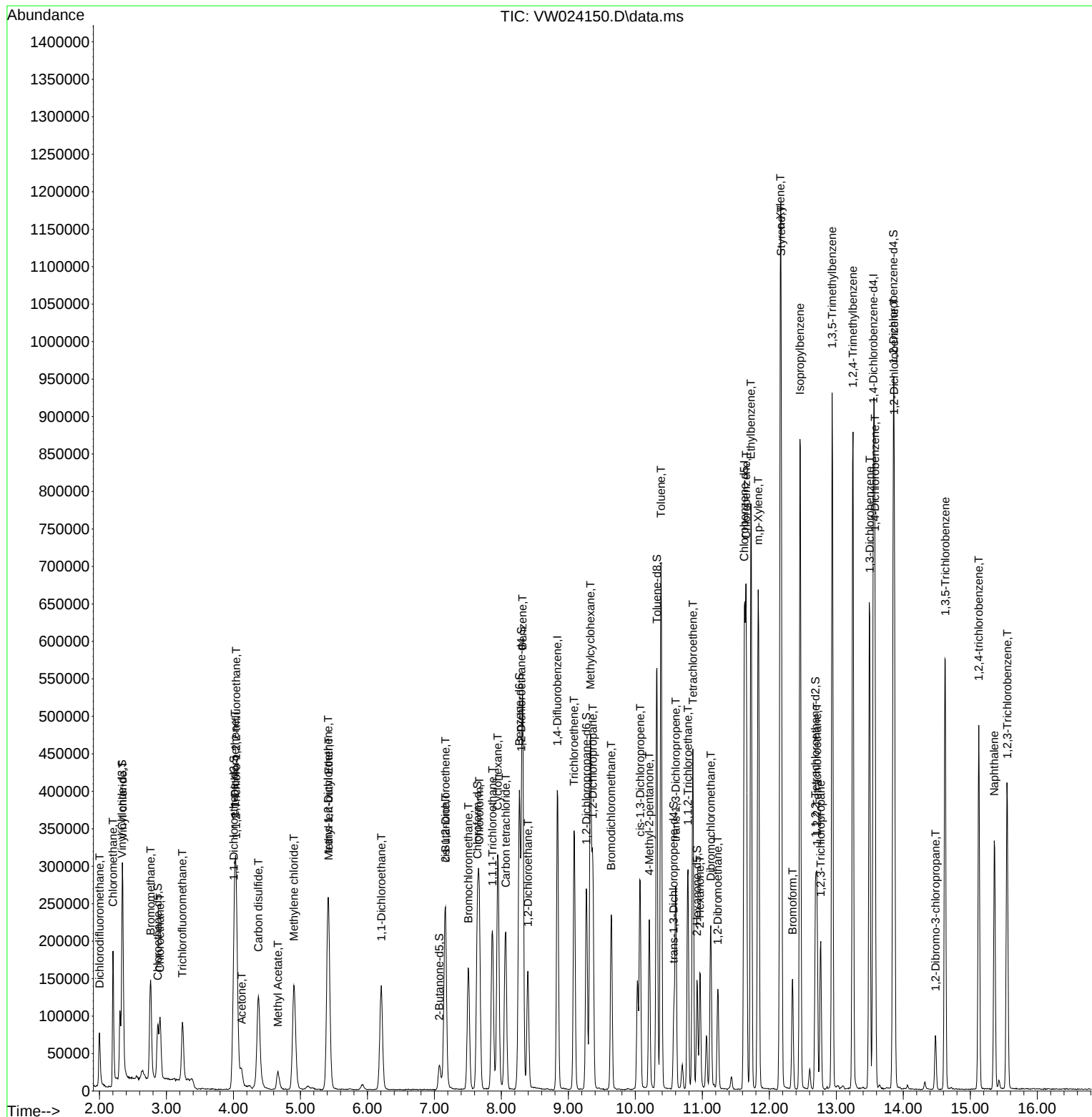
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	137040	22.148	ug/L	99
29) Cyclohexane	7.945	56	154782	21.811	ug/L	98
30) 1,1,1-Trichloroethane	7.866	97	169745	20.720	ug/L	99
31) Carbon tetrachloride	8.067	117	160860	20.952	ug/L	97
33) Benzene	8.317	78	452494	21.749	ug/L	100
34) Trichloroethene	9.085	95	116704	20.957	ug/L	95
35) Methylcyclohexane	9.329	83	189301	21.518	ug/L	99
37) 1,2-Dichloropropane	9.366	63	109337	22.086	ug/L	99
38) Bromodichloromethane	9.640	83	153403	21.684	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	162712	21.730	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	134270	43.302	ug/L	100
42) Toluene	10.384	91	502643	22.625	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	144389	21.075	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	89142	21.066	ug/L	97
46) Tetrachloroethene	10.859	164	99267	21.154	ug/L	96
48) 2-Hexanone	10.963	43	93503	43.717	ug/L	98
49) Dibromochloromethane	11.128	129	112354	21.781	ug/L	96
50) 1,2-Dibromoethane	11.231	107	88327	21.277	ug/L	89
51) Chlorobenzene	11.652	112	336672	21.914	ug/L	97
52) Ethylbenzene	11.725	91	549702	22.580	ug/L	98
53) m,p-Xylene	11.835	106	217186	23.235	ug/L	96
54) o-Xylene	12.164	106	208963	23.379	ug/L	93
55) Styrene	12.176	104	364296	23.480	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	110044	21.370	ug/L	99
59) Bromoform	12.347	173	65946	21.950	ug/L	95
60) Isopropylbenzene	12.457	105	547269	22.501	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	78205	20.360	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	468193	23.509	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	467838	23.815	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	269627	21.963	ug/L	94
65) 1,4-Dichlorobenzene	13.579	146	277480	21.787	ug/L	93
67) 1,2-Dichlorobenzene	13.865	146	253652	22.653	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	17236	20.223	ug/L #	85
69) 1,3,5-Trichlorobenzene	14.627	180	173051	21.217	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	145834	23.199	ug/L	95
71) Naphthalene	15.359	128	281420	23.229	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	133514	23.103	ug/L	98

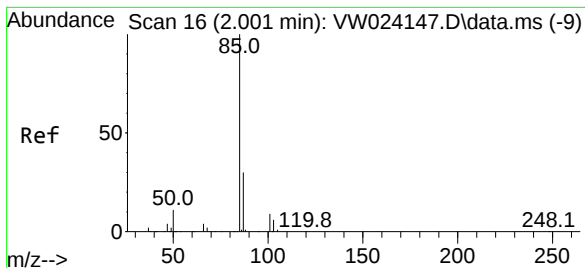
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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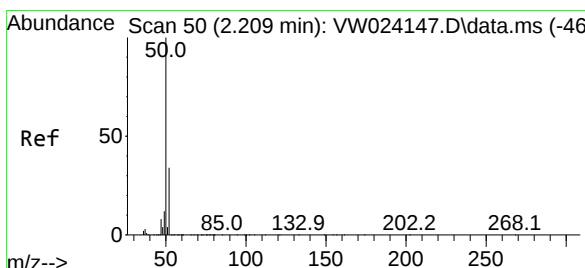
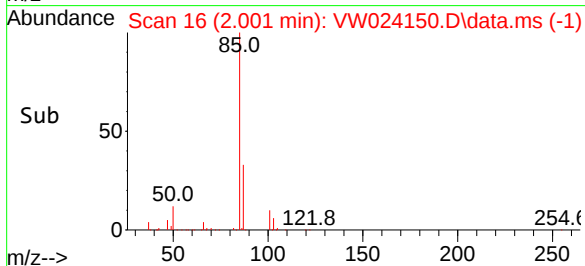
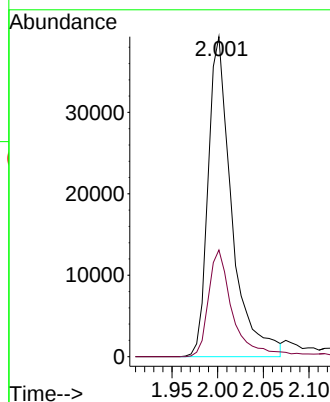
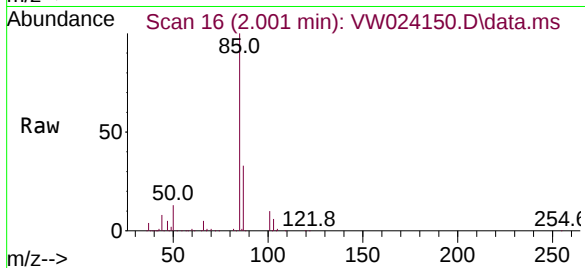




#2
 Dichlorodifluoromethane
 Concen: 25.603 ug/L
 RT: 2.001 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VW024150.D
 Acq: 03 Aug 2022 14:34

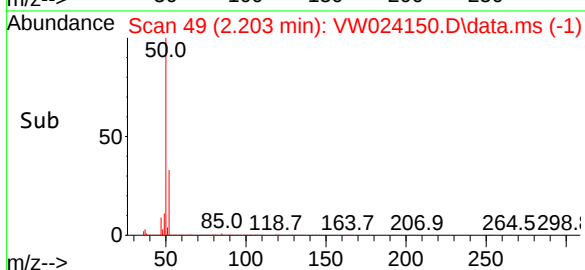
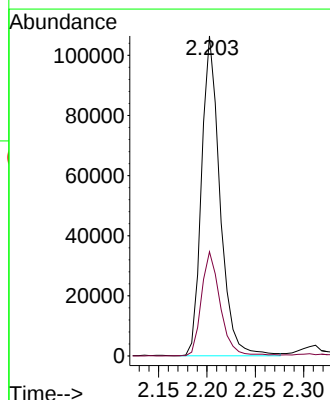
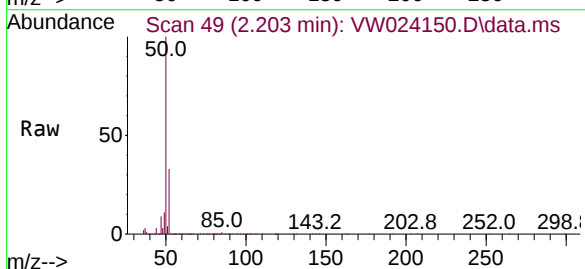
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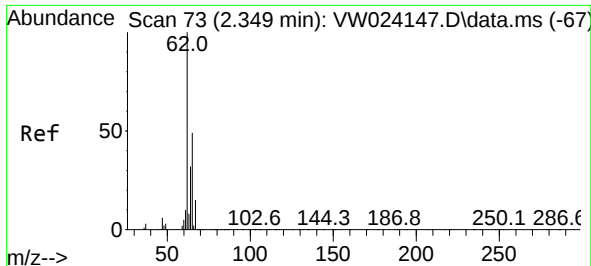
Tgt Ion: 85 Resp: 70602
 Ion Ratio Lower Upper
 85 100
 87 34.2 27.3 40.9



#3
 Chloromethane
 Concen: 26.470 ug/L
 RT: 2.203 min Scan# 49
 Delta R.T. -0.006 min
 Lab File: VW024150.D
 Acq: 03 Aug 2022 14:34

Tgt Ion: 50 Resp: 141707
 Ion Ratio Lower Upper
 50 100
 52 32.6 23.7 43.9

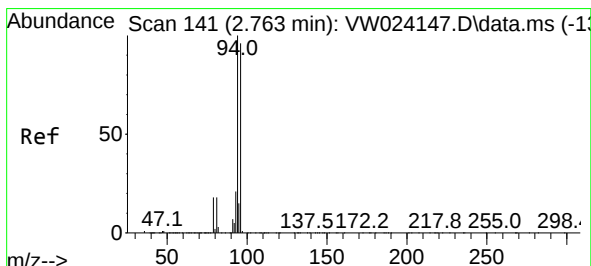
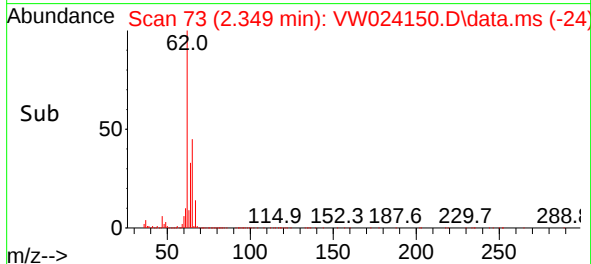
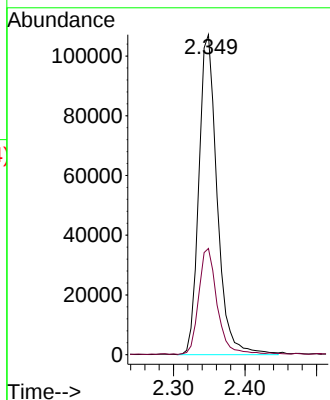
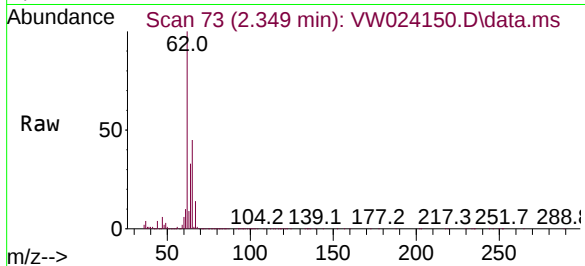




#5
 Vinyl chloride
 Concen: 23.333 ug/L
 RT: 2.349 min Scan# 73
 Delta R.T. -0.000 min
 Lab File: VW024150.D
 Acq: 03 Aug 2022 14:34

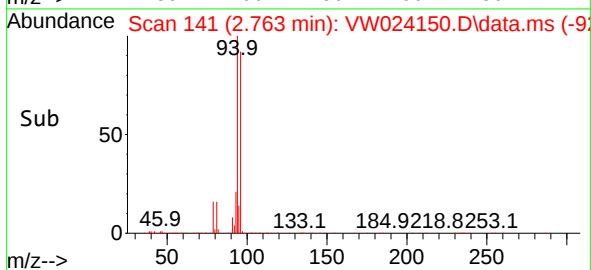
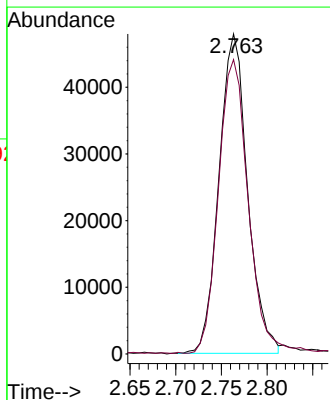
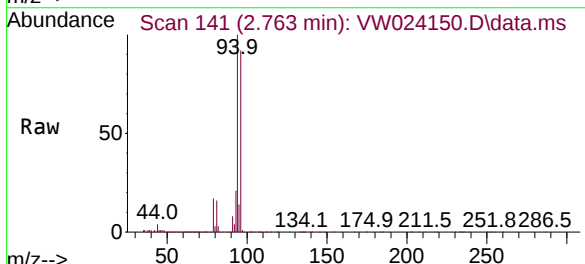
Instrument :
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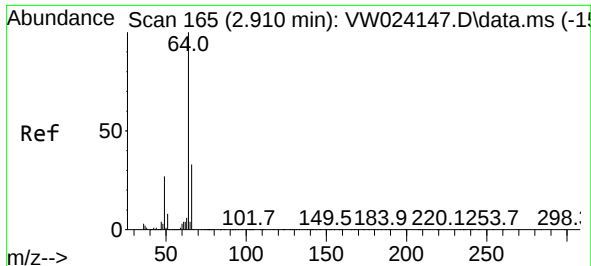
Tgt Ion: 62 Resp: 190274
 Ion Ratio Lower Upper
 62 100
 64 33.2 22.7 42.3



#6
 Bromomethane
 Concen: 21.730 ug/L
 RT: 2.763 min Scan# 141
 Delta R.T. -0.000 min
 Lab File: VW024150.D
 Acq: 03 Aug 2022 14:34

Tgt Ion: 94 Resp: 104328
 Ion Ratio Lower Upper
 94 100
 96 92.0 67.0 124.4

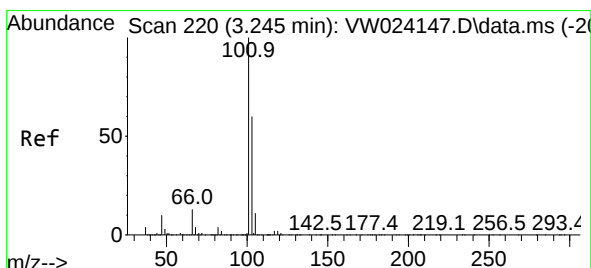
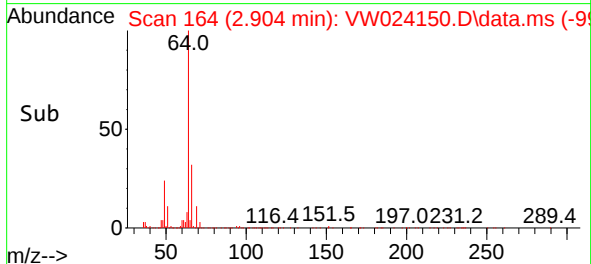
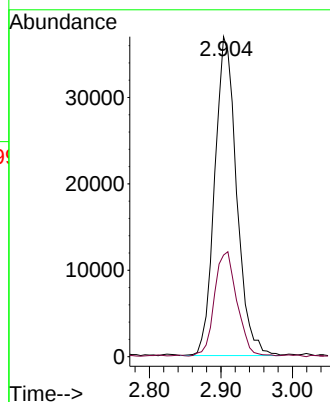
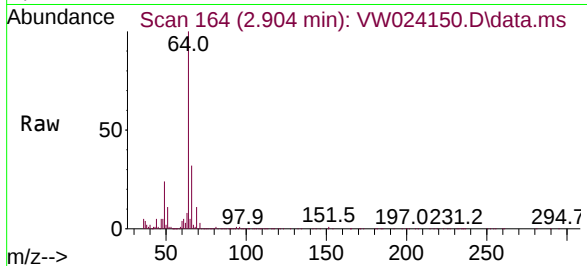




#8
Chloroethane
Concen: 22.486 ug/L
RT: 2.904 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW024150.D
Acq: 03 Aug 2022 14:34

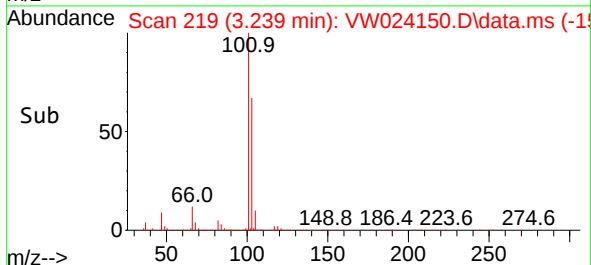
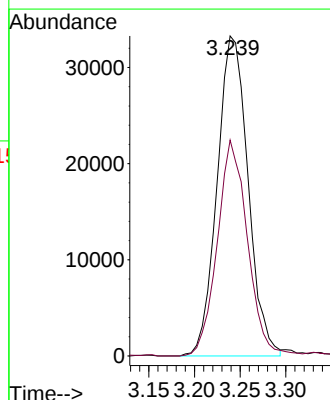
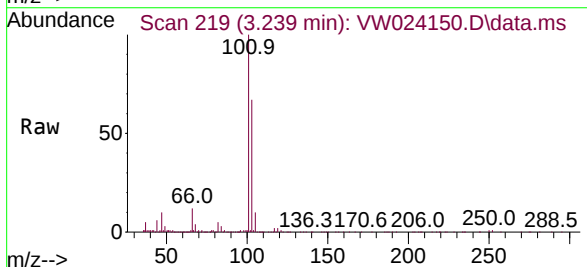
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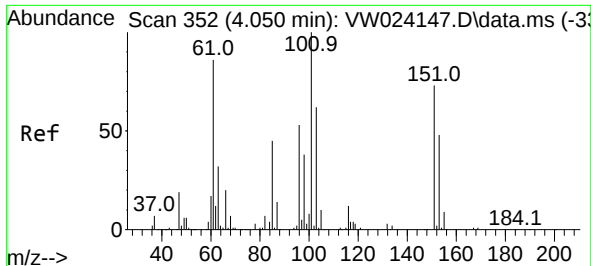
Tgt Ion: 64 Resp: 78633
Ion Ratio Lower Upper
64 100
66 31.7 23.3 43.3



#9
Trichlorofluoromethane
Concen: 16.860 ug/L
RT: 3.239 min Scan# 219
Delta R.T. -0.006 min
Lab File: VW024150.D
Acq: 03 Aug 2022 14:34

Tgt Ion: 101 Resp: 78333
Ion Ratio Lower Upper
101 100
103 65.9 52.2 78.2

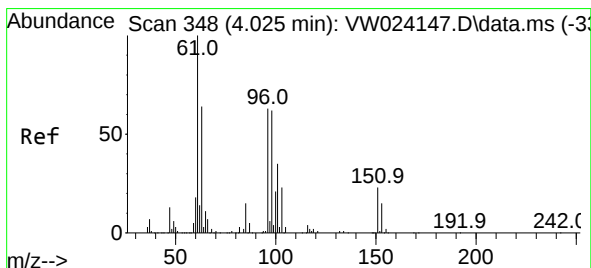
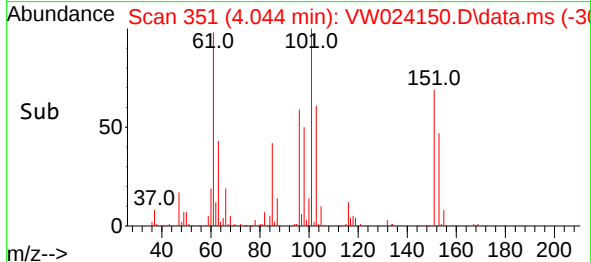
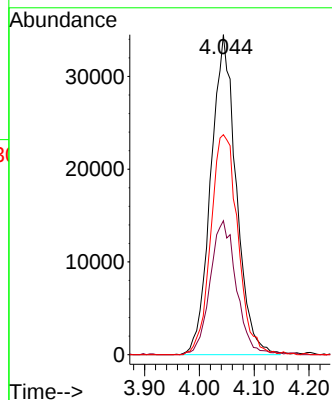
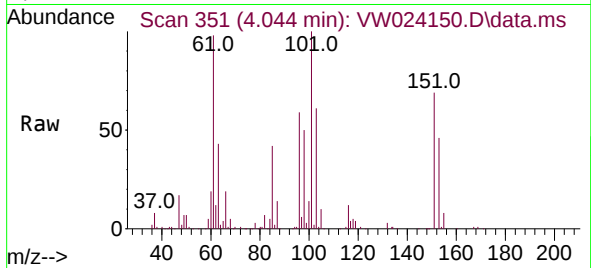




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 21.172 ug/L
RT: 4.044 min Scan# 351
Delta R.T. -0.006 min
Lab File: VW024150.D
Acq: 03 Aug 2022 14:34

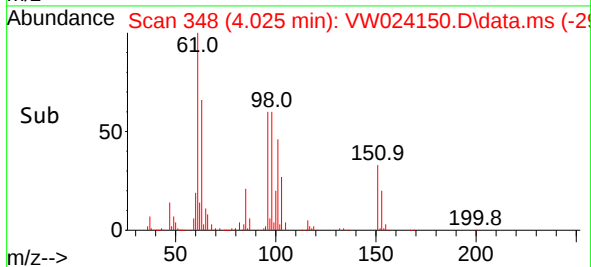
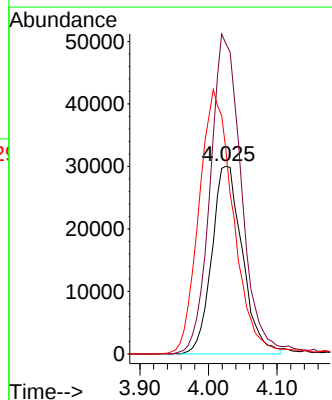
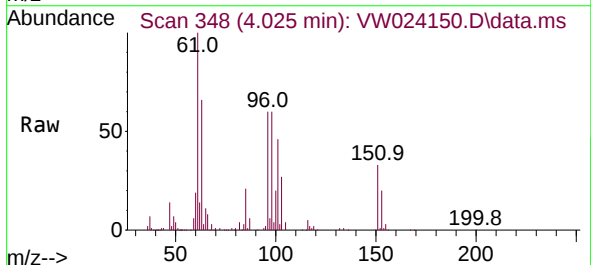
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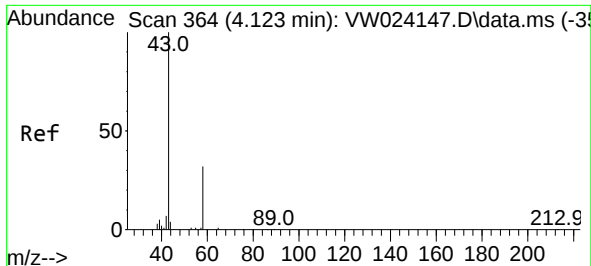
Tgt Ion:101 Resp: 111017
Ion Ratio Lower Upper
101 100
85 42.7 35.6 53.4
151 73.5 57.6 86.4



#12
1,1-Dichloroethene
Concen: 21.013 ug/L
RT: 4.025 min Scan# 348
Delta R.T. -0.000 min
Lab File: VW024150.D
Acq: 03 Aug 2022 14:34

Tgt Ion: 96 Resp: 92914
Ion Ratio Lower Upper
96 100
61 165.5 112.0 208.0
63 109.2 73.1 135.7

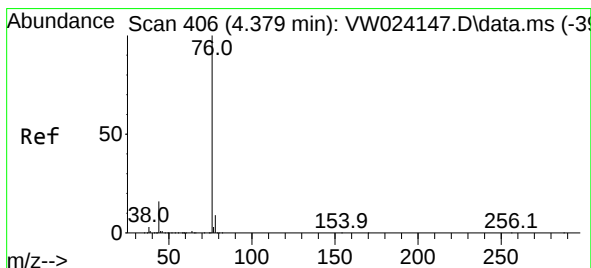
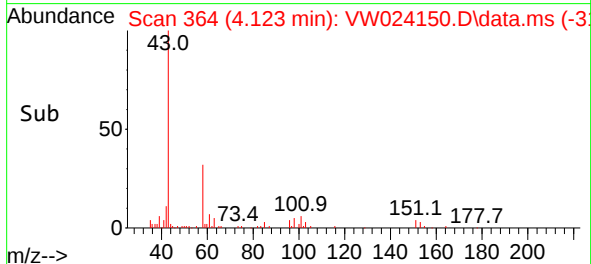
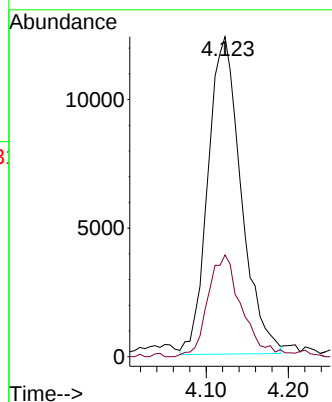
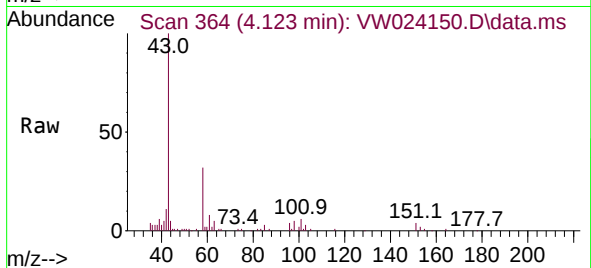




#13
Acetone
Concen: 36.557 ug/L
RT: 4.123 min Scan# 30
Delta R.T. -0.000 min
Lab File: VW024150.D
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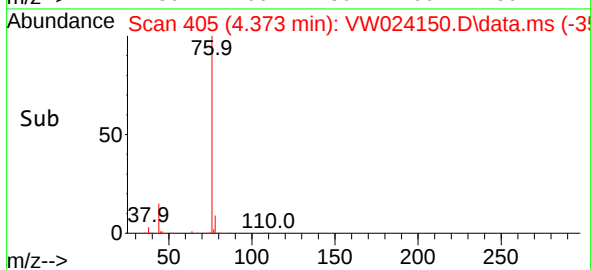
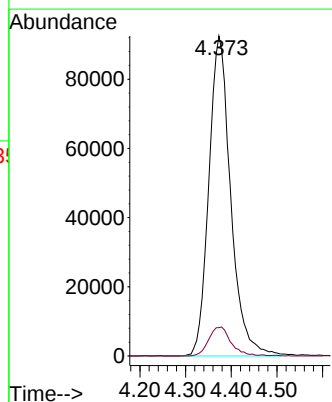
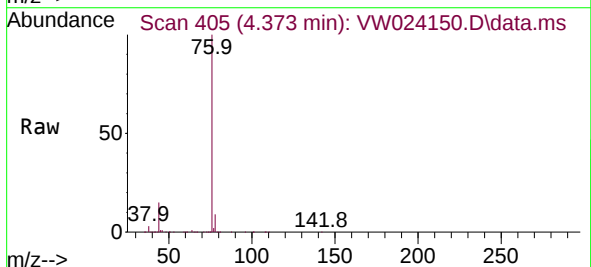
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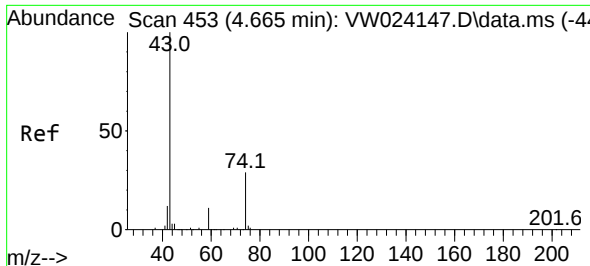
Tgt Ion: 43 Resp: 34614
Ion Ratio Lower Upper
43 100
58 31.4 0.0 66.0



#14
Carbon disulfide
Concen: 21.403 ug/L
RT: 4.373 min Scan# 405
Delta R.T. -0.006 min
Lab File: VW024150.D
Acq: 03 Aug 2022 14:34

Tgt Ion: 76 Resp: 306913
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9

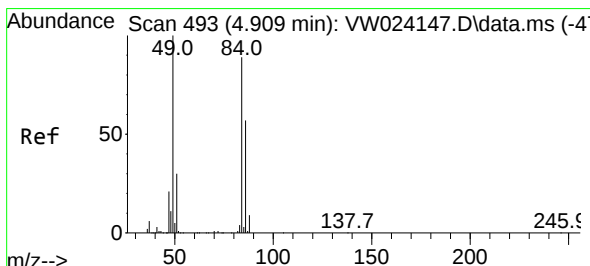
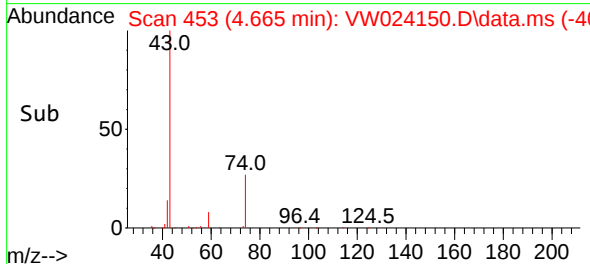
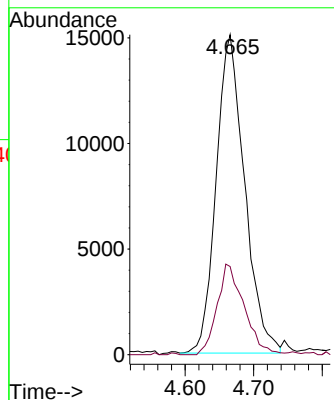
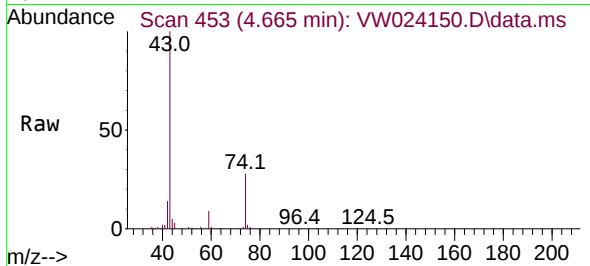




#15
Methyl Acetate
Concen: 20.744 ug/L
RT: 4.665 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW024150.D
Acq: 03 Aug 2022 14:34

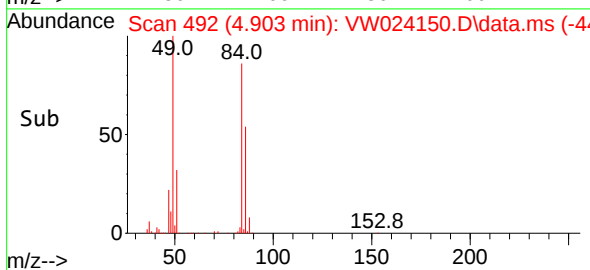
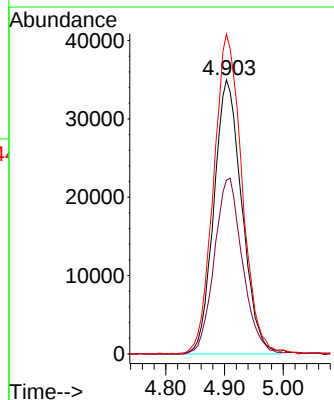
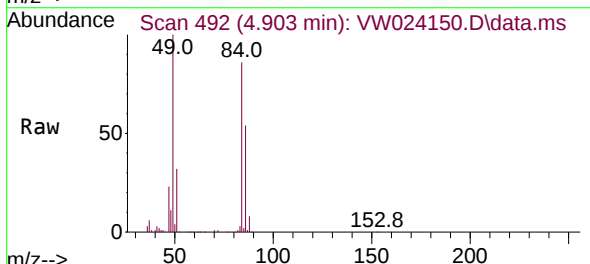
Instrument :
MSVOA_W
ClientSampleId :
VICV406

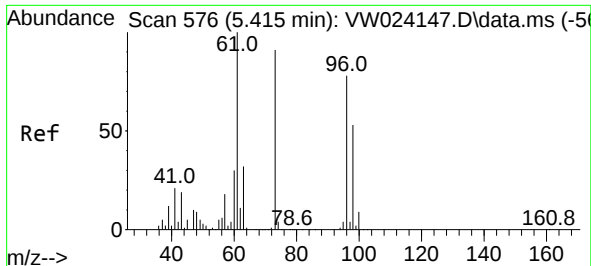
Tgt Ion: 43 Resp: 43356
Ion Ratio Lower Upper
43 100
74 26.9 21.6 32.4



#16
Methylene chloride
Concen: 17.703 ug/L
RT: 4.903 min Scan# 492
Delta R.T. -0.006 min
Lab File: VW024150.D
Acq: 03 Aug 2022 14:34

Tgt Ion: 84 Resp: 115943
Ion Ratio Lower Upper
84 100
86 63.4 44.7 83.1
49 116.8 78.6 146.0

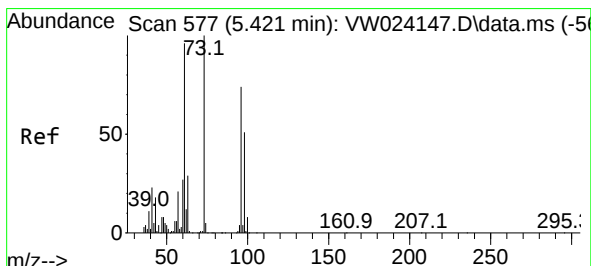
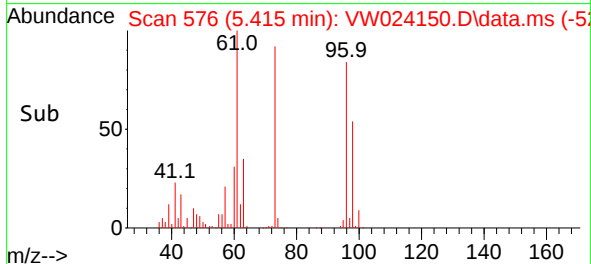
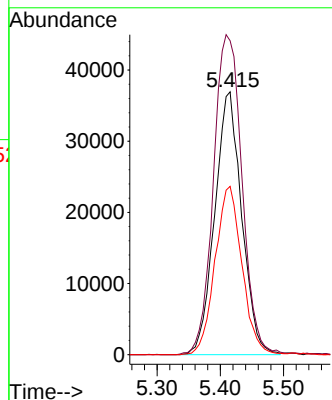
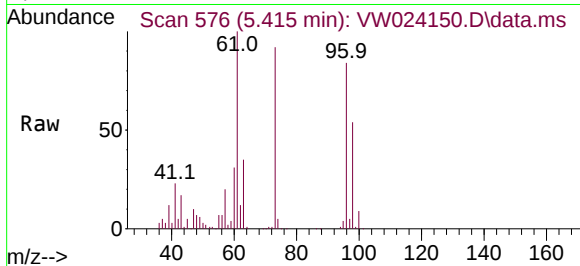




#17
trans-1,2-Dichloroethene
Concen: 21.915 ug/L
RT: 5.415 min Scan# 576
Delta R.T. -0.000 min
Lab File: VW024150.D
Acq: 03 Aug 2022 14:34

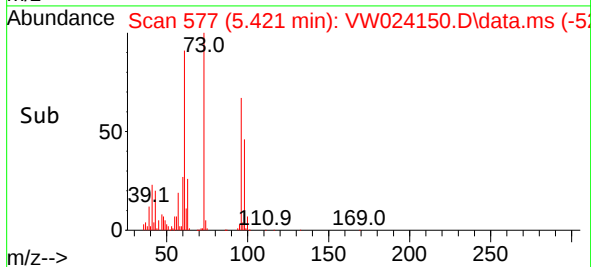
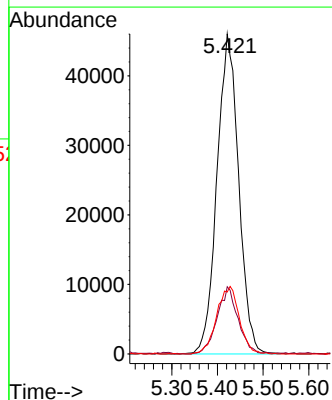
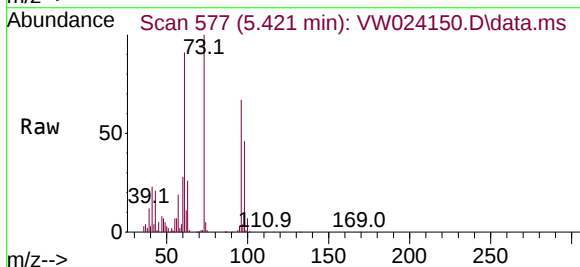
Instrument :
MSVOA_W
ClientSampleId :
VICV406

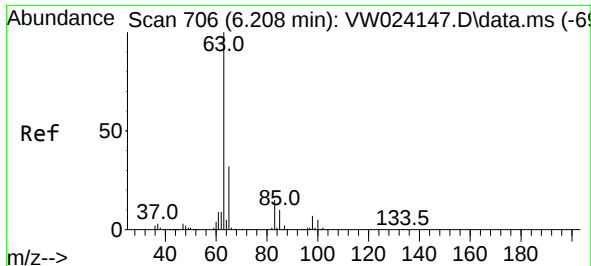
Tgt Ion: 96 Resp: 109169
Ion Ratio Lower Upper
96 100
61 119.4 90.2 167.6
98 64.0 47.4 88.0



#18
Methyl tert-butyl Ether
Concen: 22.319 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.000 min
Lab File: VW024150.D
Acq: 03 Aug 2022 14:34

Tgt Ion: 73 Resp: 151519
Ion Ratio Lower Upper
73 100
43 20.2 16.6 25.0
57 22.0 16.6 25.0





#19

1,1-Dichloroethane

Concen: 21.938 ug/L

RT: 6.208 min Scan# 706

Delta R.T. -0.000 min

Lab File: VW024150.D

Acq: 03 Aug 2022 14:34

Instrument :

MSVOA_W

ClientSampleId :

VICV406

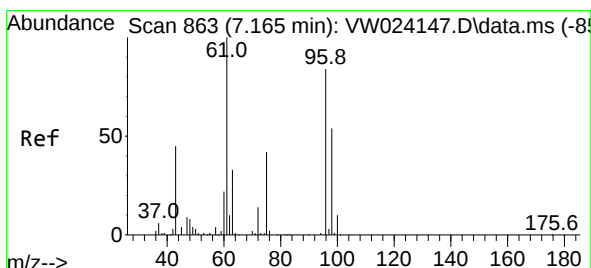
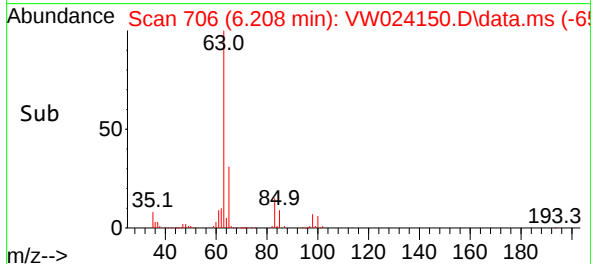
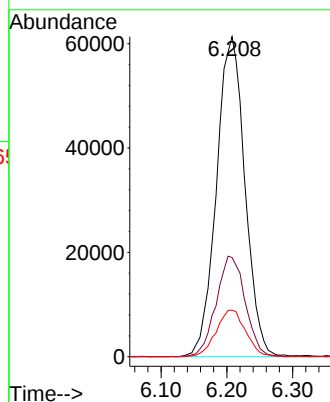
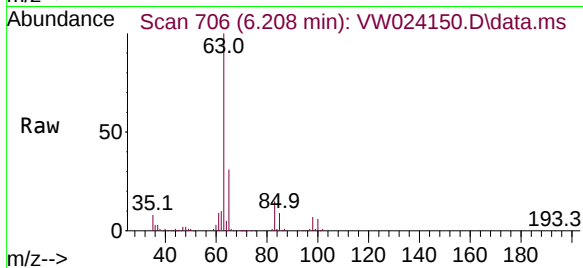
Tgt Ion: 63 Resp: 184824

Ion Ratio Lower Upper

63 100

65 31.0 22.3 41.3

83 14.5 10.1 18.9



#20

cis-1,2-Dichloroethene

Concen: 22.338 ug/L

RT: 7.165 min Scan# 863

Delta R.T. -0.000 min

Lab File: VW024150.D

Acq: 03 Aug 2022 14:34

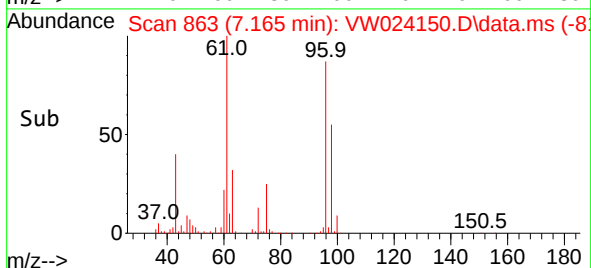
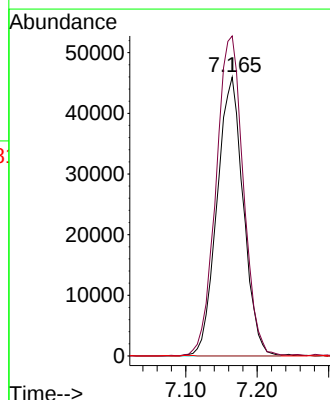
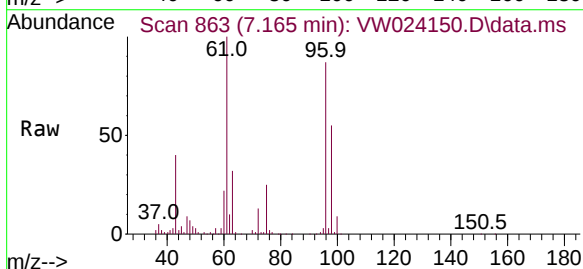
Tgt Ion: 96 Resp: 117604

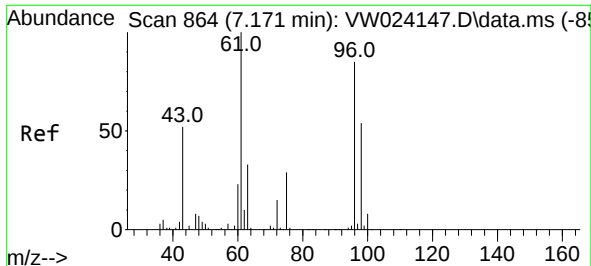
Ion Ratio Lower Upper

96 100

61 114.7 83.9 155.9

68 0.0 0.0 0.0

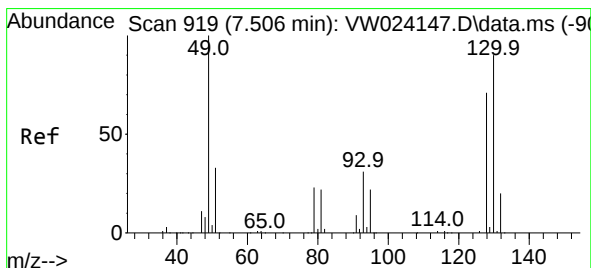
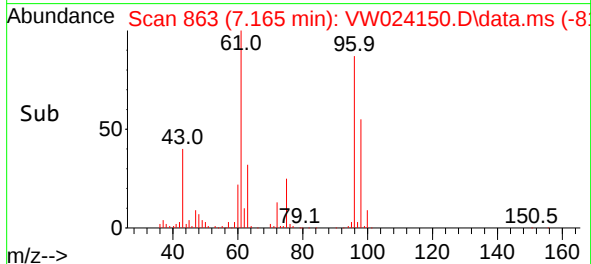
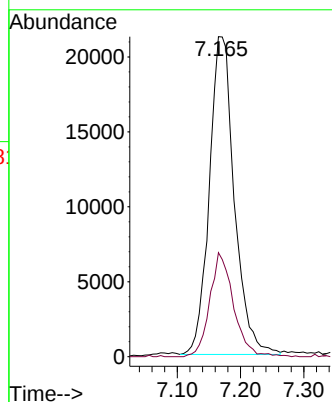
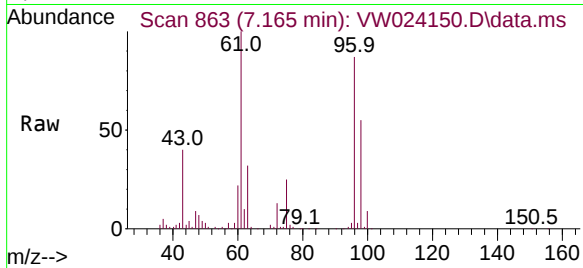




#22
2-Butanone
Concen: 38.447 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.006 min
Lab File: VW024150.D
Acq: 03 Aug 2022 14:34

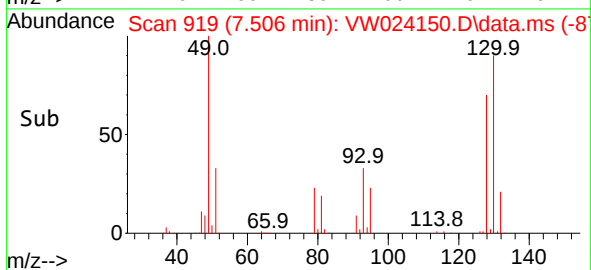
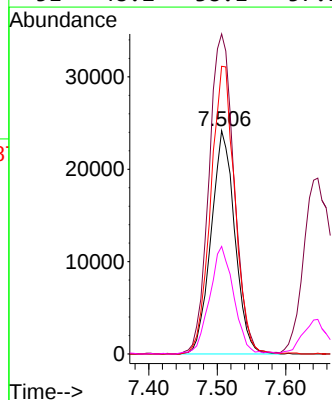
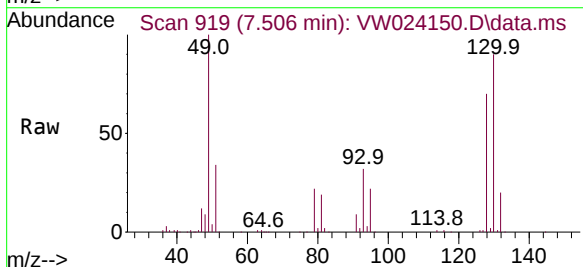
Instrument :
MSVOA_W
ClientSampleId :
VICV406

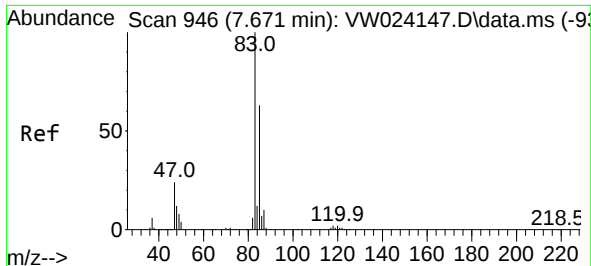
Tgt Ion: 43 Resp: 58368
Ion Ratio Lower Upper
43 100
72 30.4 14.6 43.8



#23
Bromochloromethane
Concen: 21.867 ug/L
RT: 7.506 min Scan# 919
Delta R.T. -0.000 min
Lab File: VW024150.D
Acq: 03 Aug 2022 14:34

Tgt Ion: 128 Resp: 57949
Ion Ratio Lower Upper
128 100
49 143.4 99.0 184.0
130 128.9 89.4 166.0
51 48.2 38.1 57.1

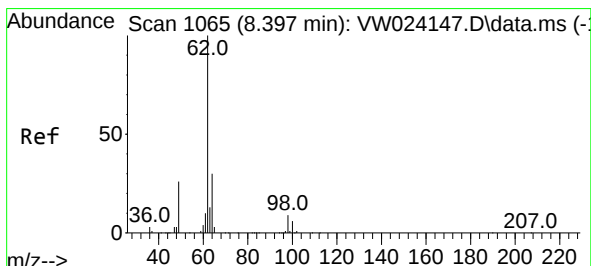
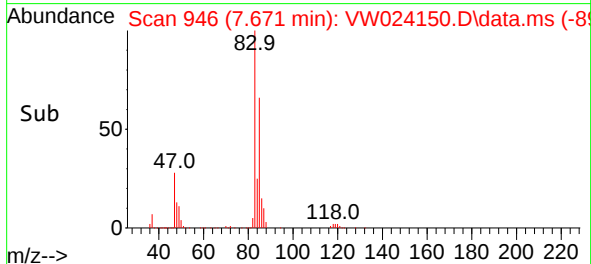
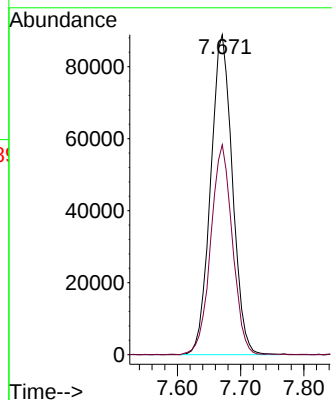
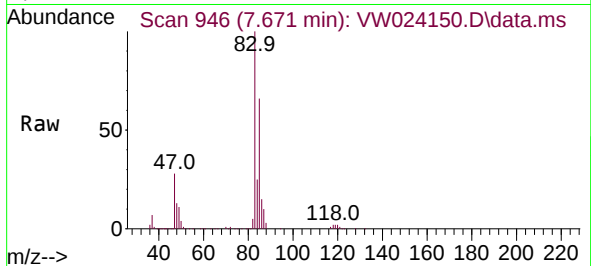




#25
Chloroform
Concen: 22.609 ug/L
RT: 7.671 min Scan# 946
Delta R.T. -0.000 min
Lab File: VW024150.D
Acq: 03 Aug 2022 14:34

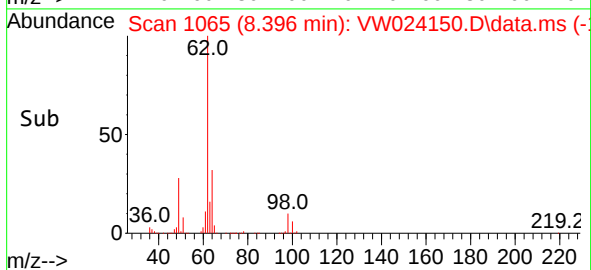
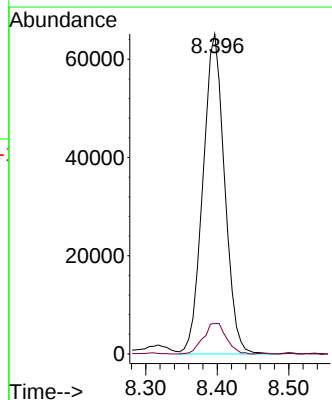
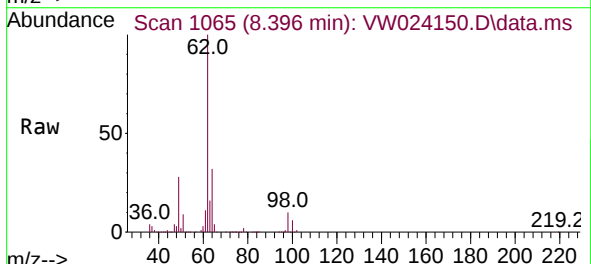
Instrument :
MSVOA_W
ClientSampleId :
VICV406

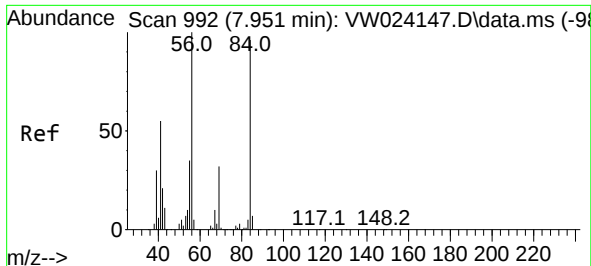
Tgt Ion: 83 Resp: 212143
Ion Ratio Lower Upper
83 100
85 65.6 44.6 82.8



#27
1,2-Dichloroethane
Concen: 22.148 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VW024150.D
Acq: 03 Aug 2022 14:34

Tgt Ion: 62 Resp: 137040
Ion Ratio Lower Upper
62 100
98 9.5 7.4 11.0

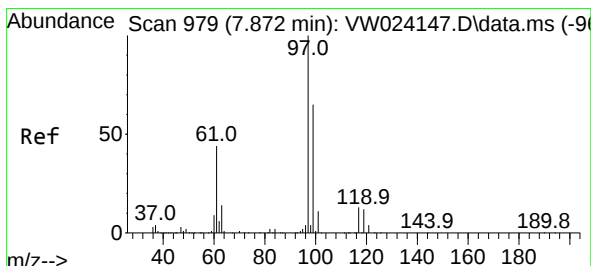
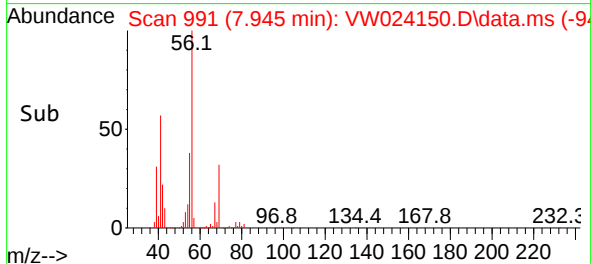
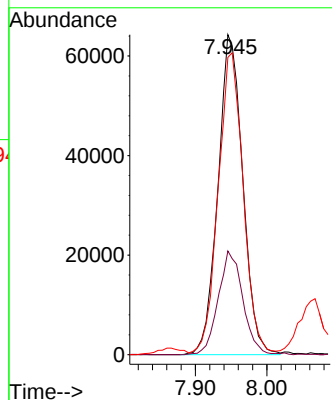
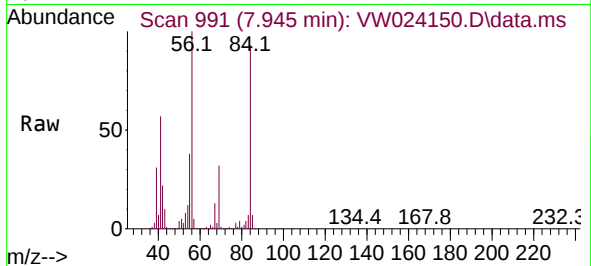




#29
Cyclohexane
Concen: 21.811 ug/L
RT: 7.945 min Scan# 991
Delta R.T. -0.006 min
Lab File: VW024150.D
Acq: 03 Aug 2022 14:34

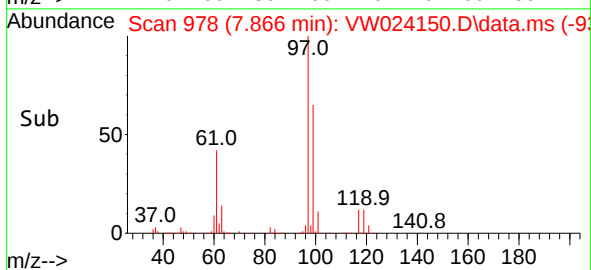
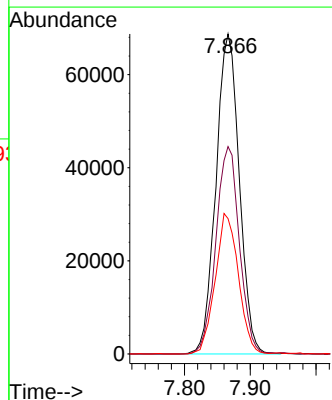
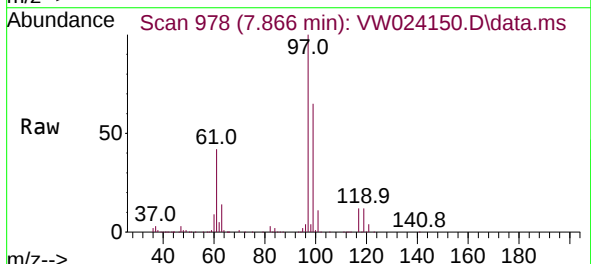
Instrument :
MSVOA_W
ClientSampleId :
VICV406

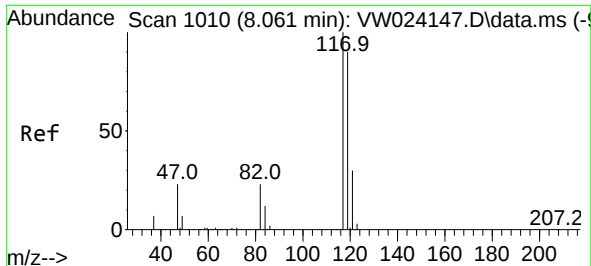
Tgt Ion: 56 Resp: 154782
Ion Ratio Lower Upper
56 100
69 32.1 25.1 37.7
84 95.2 77.4 116.2



#30
1,1,1-Trichloroethane
Concen: 20.720 ug/L
RT: 7.866 min Scan# 978
Delta R.T. -0.006 min
Lab File: VW024150.D
Acq: 03 Aug 2022 14:34

Tgt Ion: 97 Resp: 169745
Ion Ratio Lower Upper
97 100
99 65.1 50.9 76.3
61 43.6 35.0 52.6

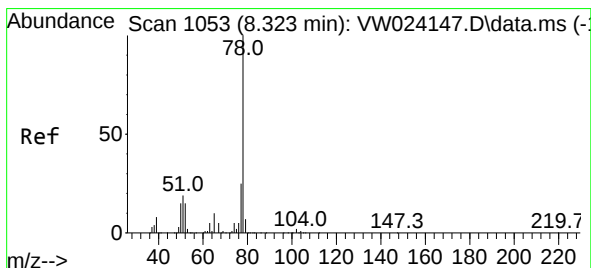
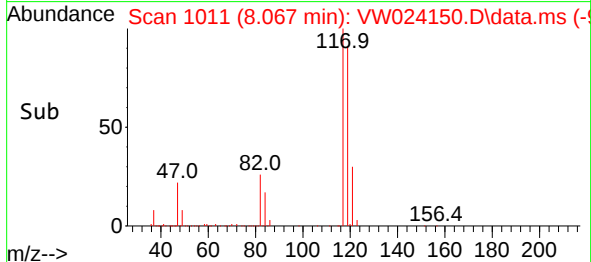
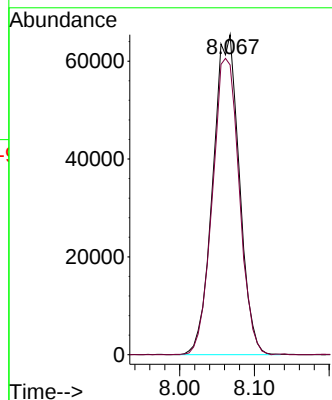
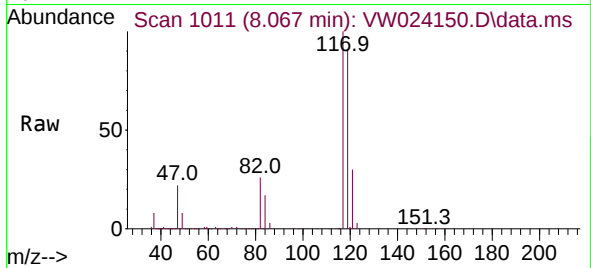




#31
Carbon tetrachloride
Concen: 20.952 ug/L
RT: 8.067 min Scan# 1010
Delta R.T. 0.006 min
Lab File: VW024150.D
Acq: 03 Aug 2022 14:34

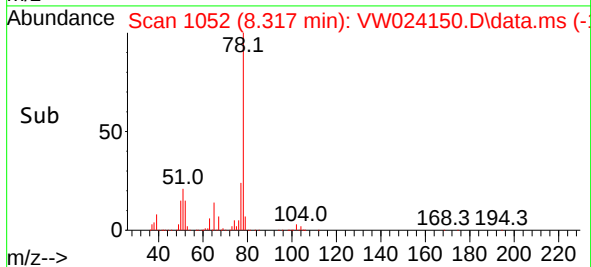
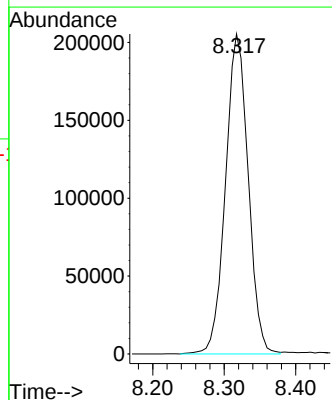
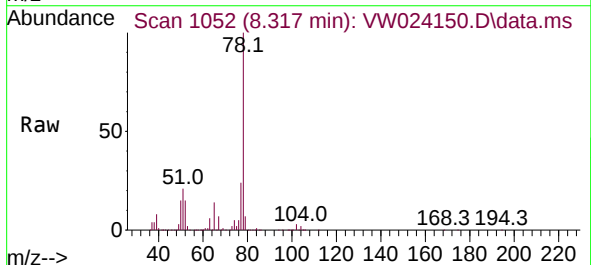
Instrument :
MSVOA_W
ClientSampleId :
VICV406

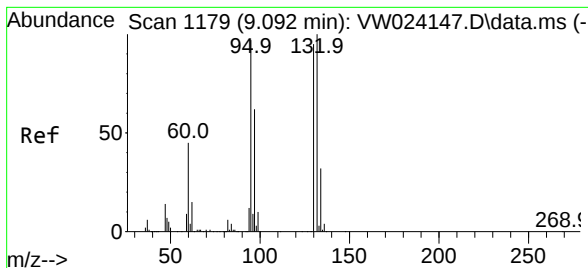
Tgt Ion:117 Resp: 160860
Ion Ratio Lower Upper
117 100
119 93.9 77.3 115.9



#33
Benzene
Concen: 21.749 ug/L
RT: 8.317 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VW024150.D
Acq: 03 Aug 2022 14:34

Tgt Ion: 78 Resp: 452494





#34

Trichloroethene

Concen: 20.957 ug/L

RT: 9.085 min Scan# 1178

Delta R.T. -0.006 min

Lab File: VW024150.D

Acq: 03 Aug 2022 14:34

Instrument :

MSVOA_W

ClientSampleId :

VICV406

Tgt Ion: 95 Resp: 116704

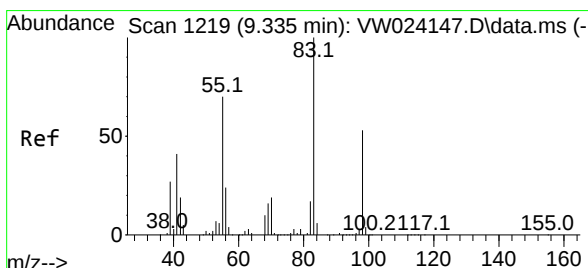
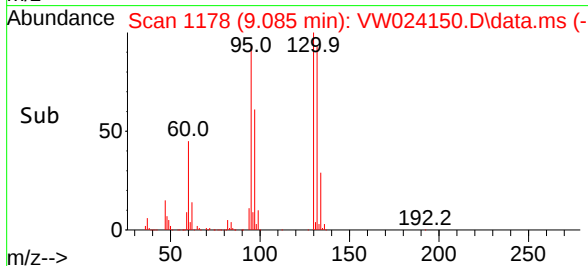
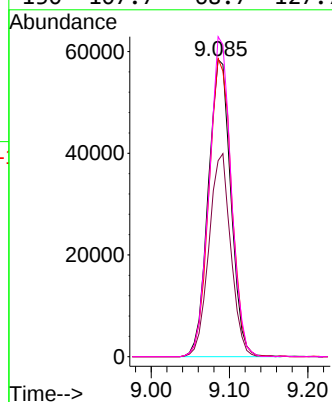
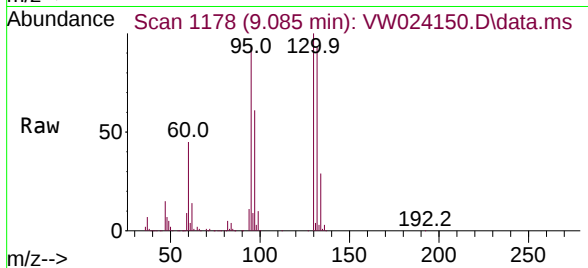
Ion Ratio Lower Upper

95 100

97 66.0 44.9 83.3

132 100.4 72.4 134.5

130 107.7 68.7 127.7



#35

Methylcyclohexane

Concen: 21.518 ug/L

RT: 9.329 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VW024150.D

Acq: 03 Aug 2022 14:34

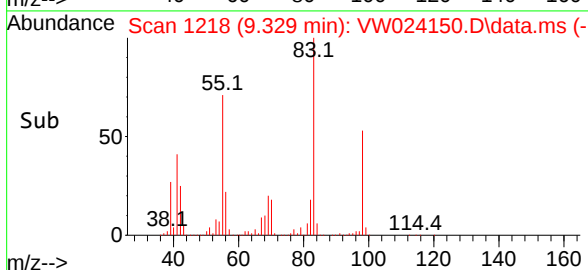
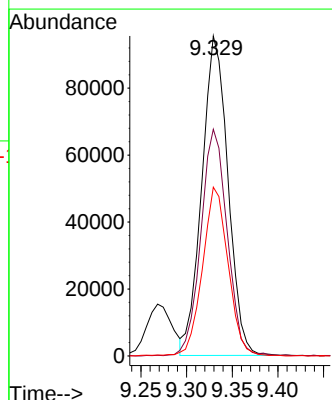
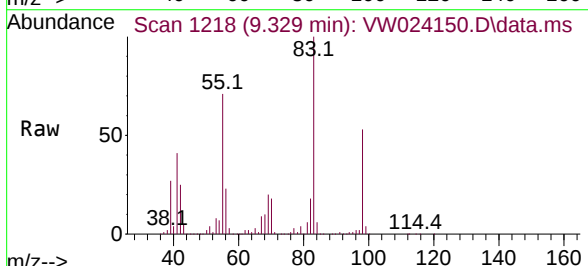
Tgt Ion: 83 Resp: 189301

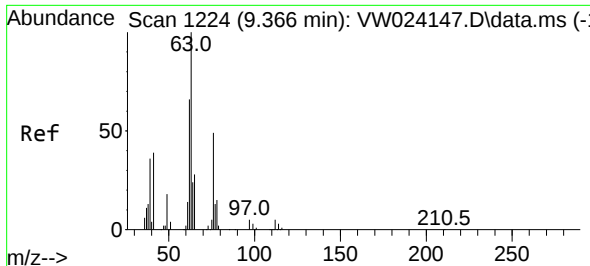
Ion Ratio Lower Upper

83 100

55 71.0 56.7 85.1

98 51.9 40.8 61.2





#37

1,2-Dichloropropane

Concen: 22.086 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW024150.D

Acq: 03 Aug 2022 14:34

Instrument :

MSVOA_W

ClientSampleId :

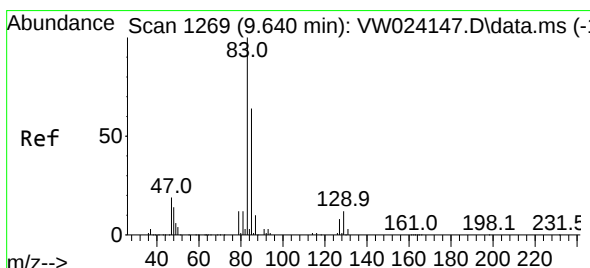
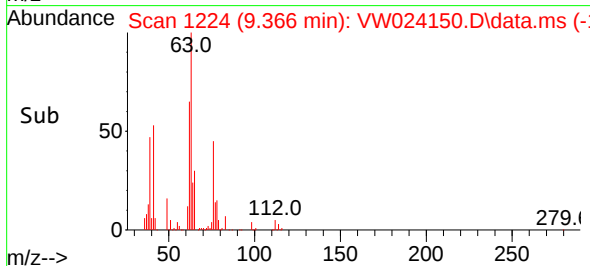
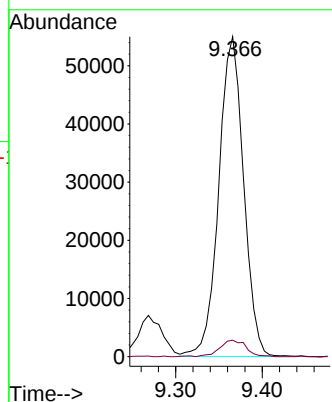
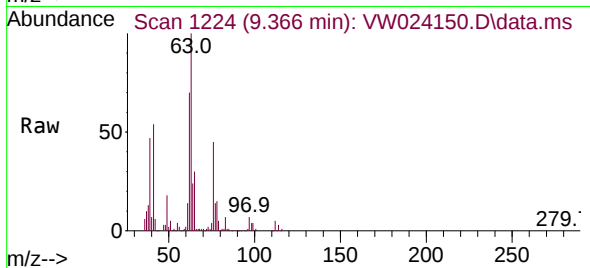
VICV406

Tgt Ion: 63 Resp: 109337

Ion Ratio Lower Upper

63 100

112 5.5 4.0 6.0



#38

Bromodichloromethane

Concen: 21.684 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. -0.000 min

Lab File: VW024150.D

Acq: 03 Aug 2022 14:34

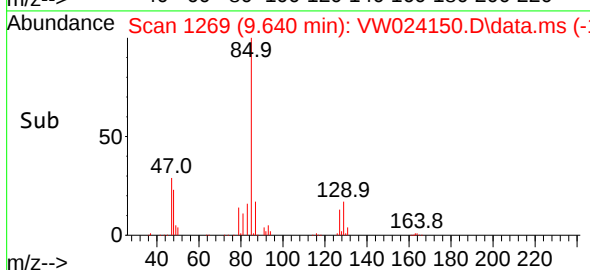
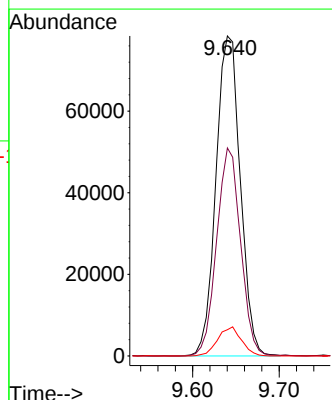
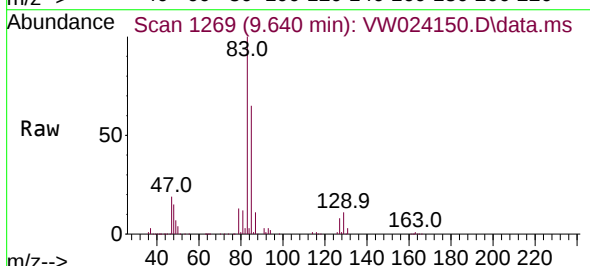
Tgt Ion: 83 Resp: 153403

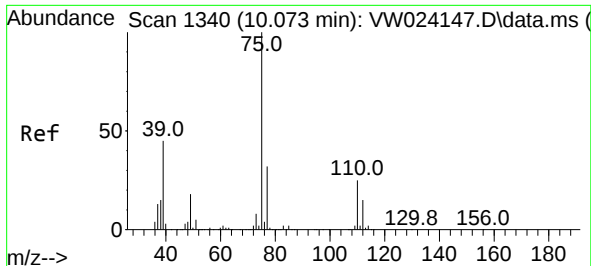
Ion Ratio Lower Upper

83 100

85 65.0 44.7 83.1

127 8.2 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 21.730 ug/L

RT: 10.073 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW024150.D

Acq: 03 Aug 2022 14:34

Instrument :

MSVOA_W

ClientSampleId :

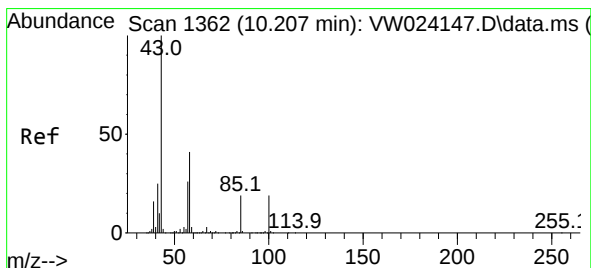
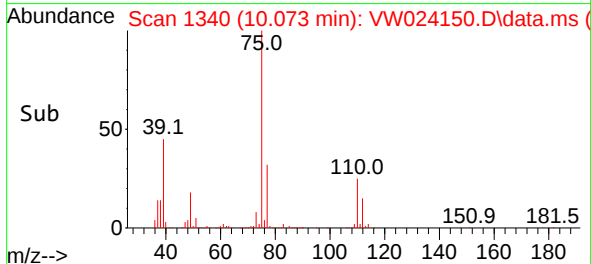
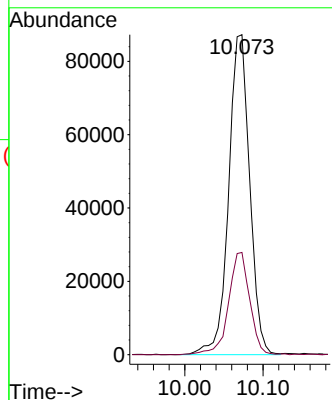
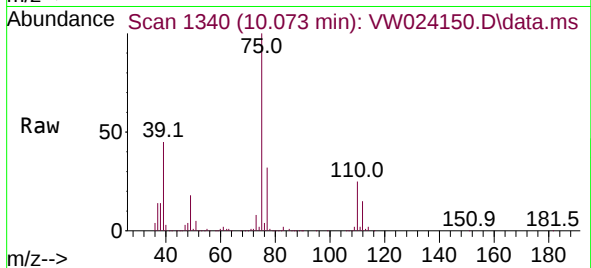
VICV406

Tgt Ion: 75 Resp: 162712

Ion Ratio Lower Upper

75 100

77 32.0 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 43.302 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW024150.D

Acq: 03 Aug 2022 14:34

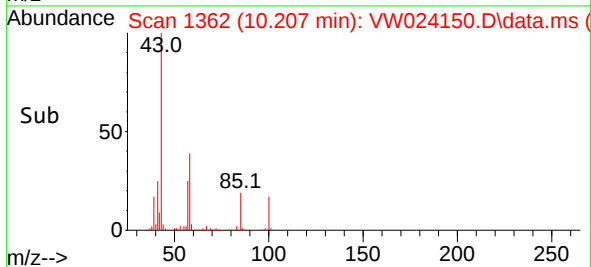
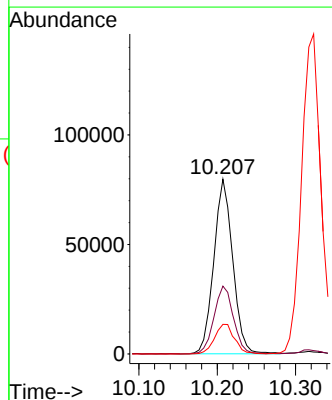
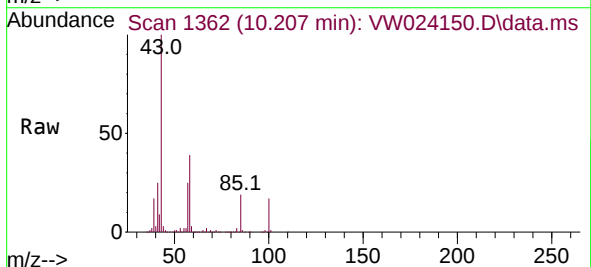
Tgt Ion: 43 Resp: 134270

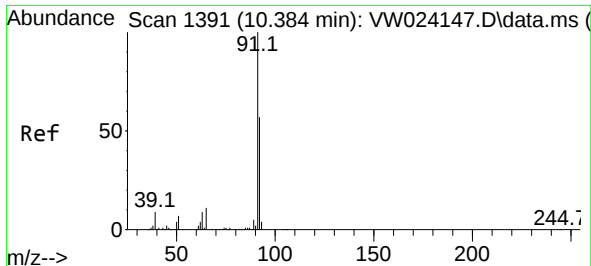
Ion Ratio Lower Upper

43 100

58 39.9 31.9 47.9

100 17.8 14.4 21.6

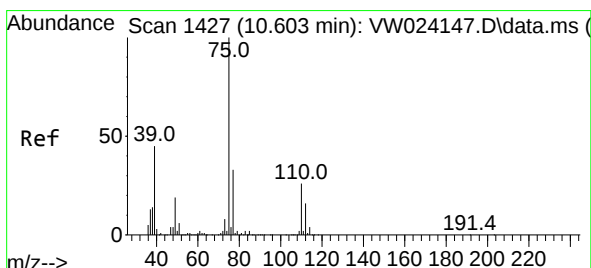
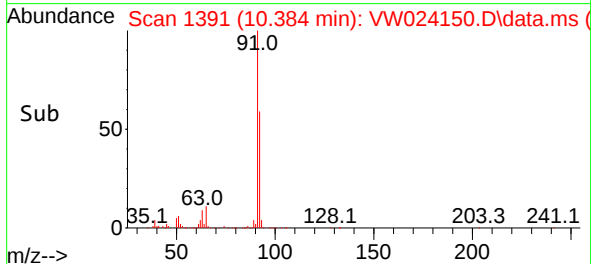
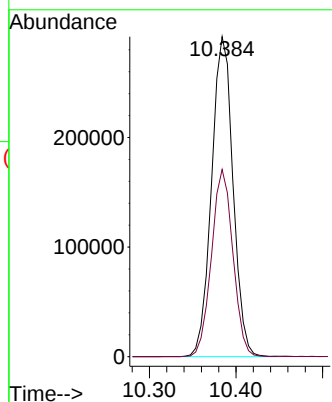
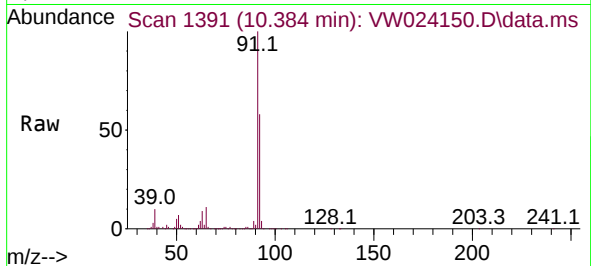




#42
Toluene
Concen: 22.625 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW024150.D
Acq: 03 Aug 2022 14:34

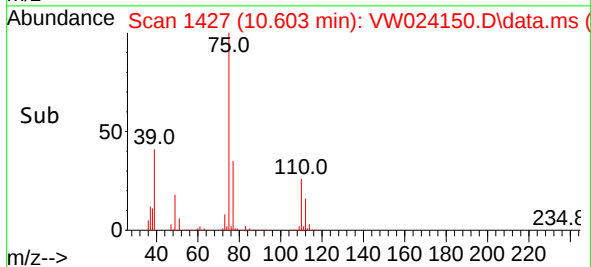
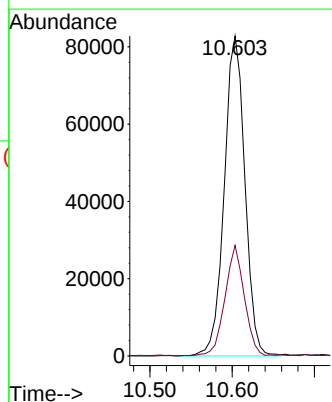
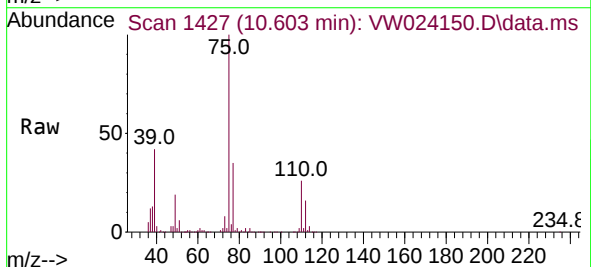
Instrument :
MSVOA_W
ClientSampleId :
VICV406

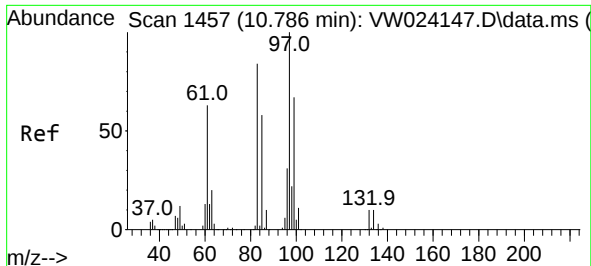
Tgt Ion: 91 Resp: 502643
Ion Ratio Lower Upper
91 100
92 58.5 39.9 74.1



#44
trans-1,3-Dichloropropene
Concen: 21.075 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW024150.D
Acq: 03 Aug 2022 14:34

Tgt Ion: 75 Resp: 144389
Ion Ratio Lower Upper
75 100
77 34.5 23.4 43.4





#45

1,1,2-Trichloroethane

Concen: 21.066 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VW024150.D

Acq: 03 Aug 2022 14:34

Instrument :

MSVOA_W

ClientSampleId :

VICV406

Tgt Ion: 97 Resp: 89142

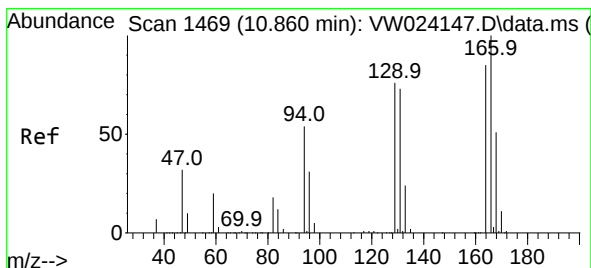
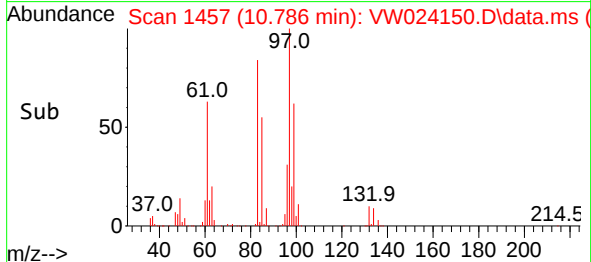
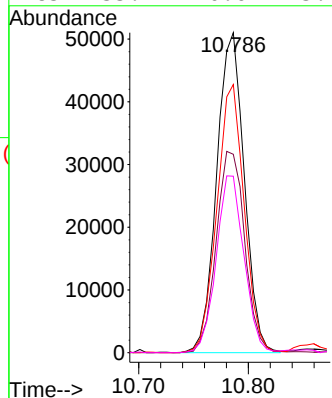
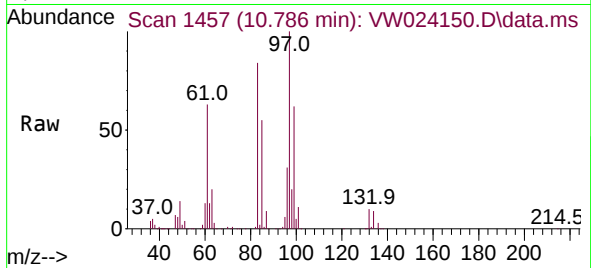
Ion Ratio Lower Upper

97 100

99 62.0 46.5 86.5

83 83.8 58.6 108.8

85 55.2 40.6 75.4



#46

Tetrachloroethene

Concen: 21.154 ug/L

RT: 10.859 min Scan# 1469

Delta R.T. -0.000 min

Lab File: VW024150.D

Acq: 03 Aug 2022 14:34

Tgt Ion:164 Resp: 99267

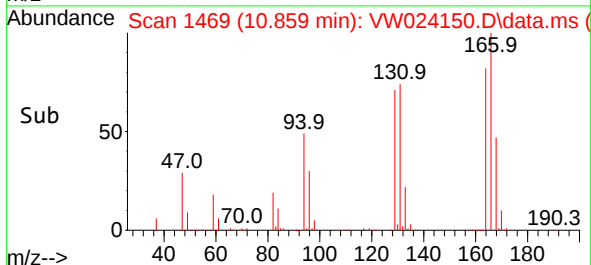
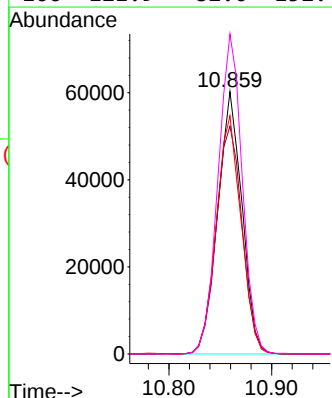
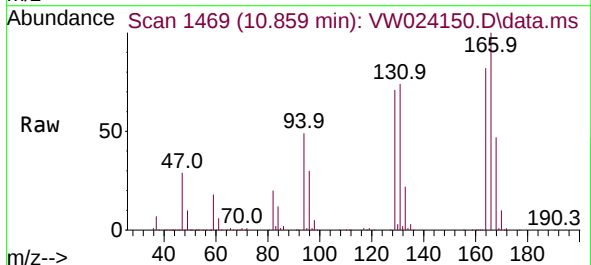
Ion Ratio Lower Upper

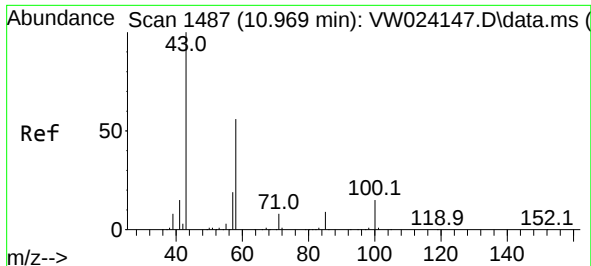
164 100

129 86.8 62.4 115.8

131 90.8 60.3 111.9

166 121.9 82.0 152.4

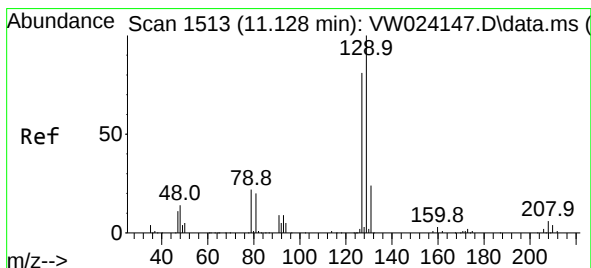
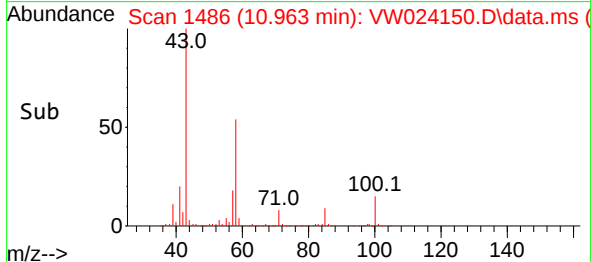
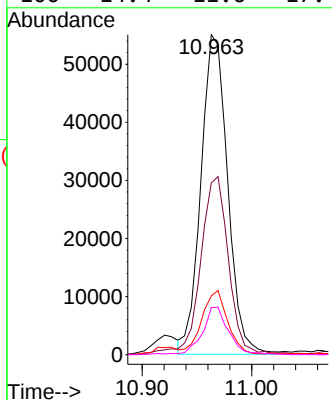
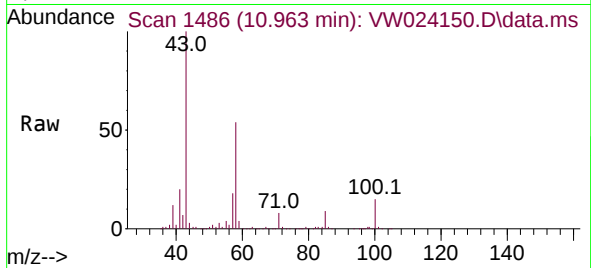




#48
2-Hexanone
Concen: 43.717 ug/L
RT: 10.963 min Scan# 1487
Delta R.T. -0.006 min
Lab File: VW024150.D
Acq: 03 Aug 2022 14:34

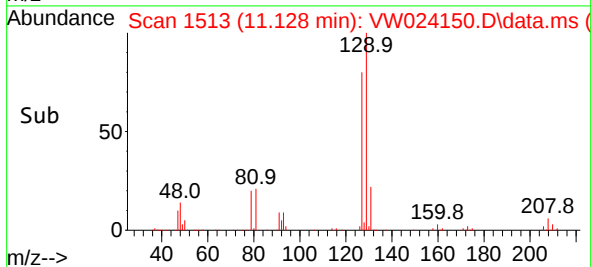
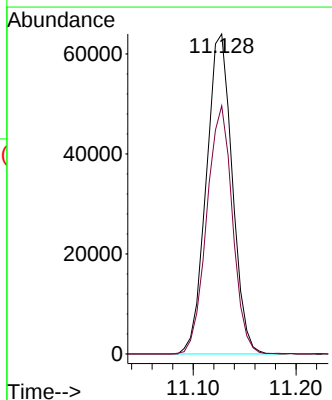
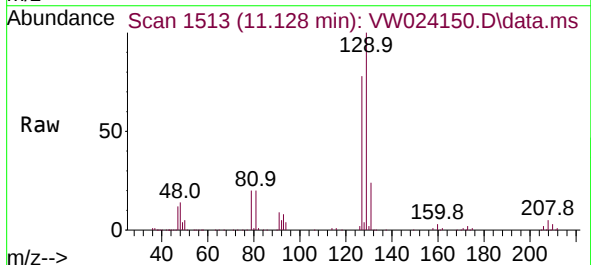
Instrument :
MSVOA_W
ClientSampleId :
VICV406

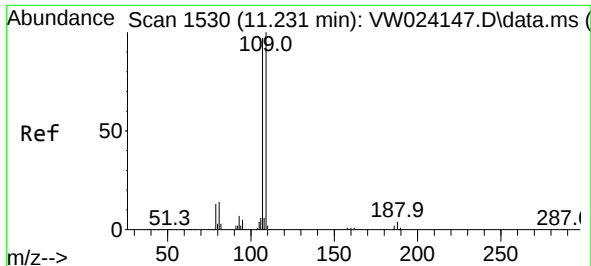
Tgt Ion: 43 Resp: 93503
Ion Ratio Lower Upper
43 100
58 57.9 44.7 67.1
57 19.5 16.2 24.2
100 14.4 11.6 17.4



#49
Dibromochloromethane
Concen: 21.781 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW024150.D
Acq: 03 Aug 2022 14:34

Tgt Ion: 129 Resp: 112354
Ion Ratio Lower Upper
129 100
127 77.5 56.5 104.9





#50

1,2-Dibromoethane

Concen: 21.277 ug/L

RT: 11.231 min Scan# 1530

Delta R.T. -0.000 min

Lab File: VW024150.D

Acq: 03 Aug 2022 14:34

Instrument :

MSVOA_W

ClientSampleId :

VICV406

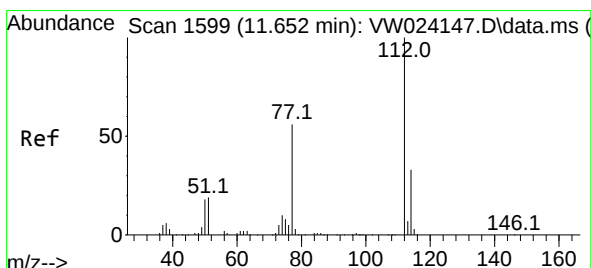
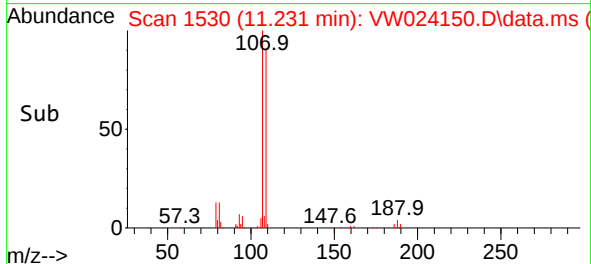
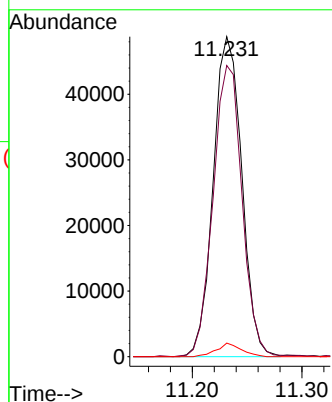
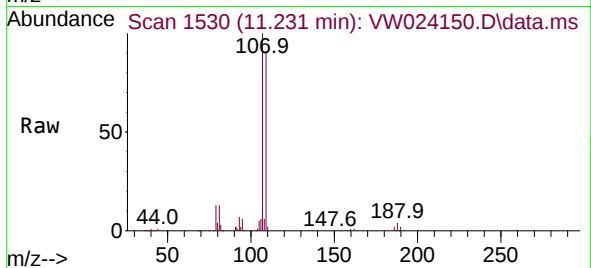
Tgt Ion:107 Resp: 88327

Ion Ratio Lower Upper

107 100

109 91.0 72.1 133.9

188 4.3 3.0 4.4



#51

Chlorobenzene

Concen: 21.914 ug/L

RT: 11.652 min Scan# 1599

Delta R.T. -0.000 min

Lab File: VW024150.D

Acq: 03 Aug 2022 14:34

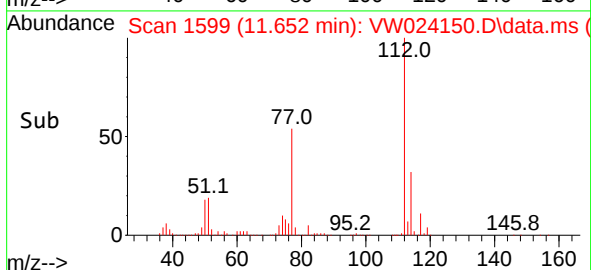
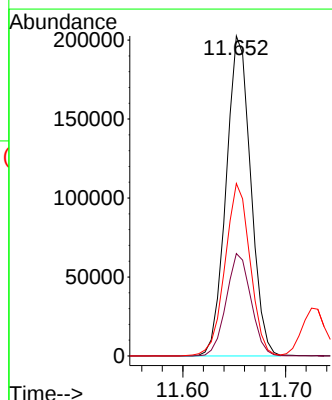
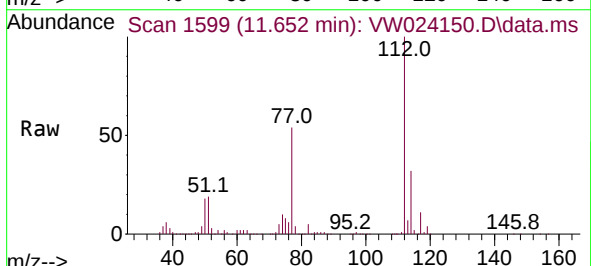
Tgt Ion:112 Resp: 336672

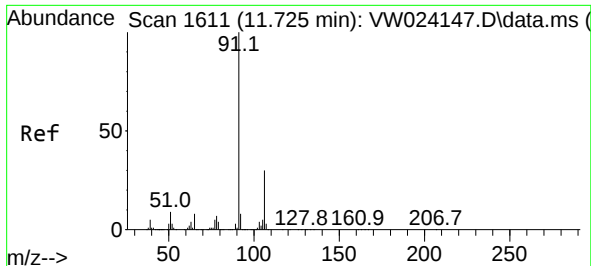
Ion Ratio Lower Upper

112 100

114 32.0 23.4 43.4

77 53.9 45.0 67.6

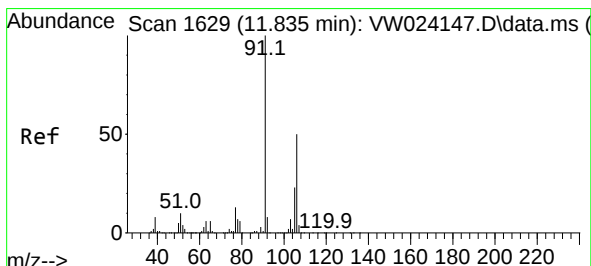
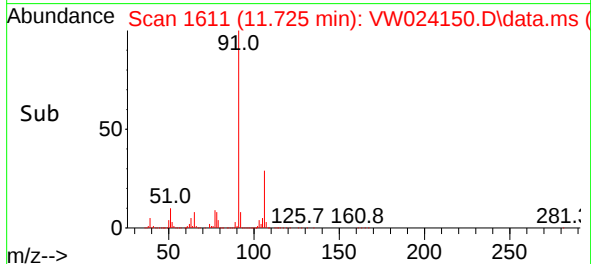
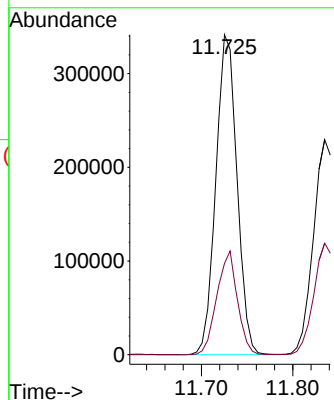
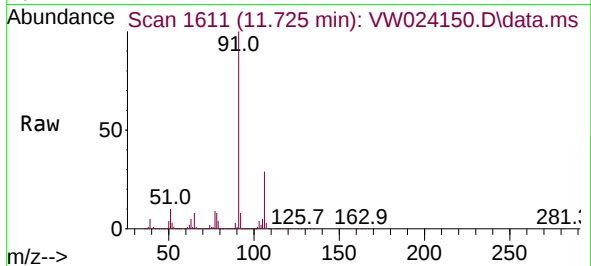




#52
Ethylbenzene
Concen: 22.580 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.000 min
Lab File: VW024150.D
Acq: 03 Aug 2022 14:34

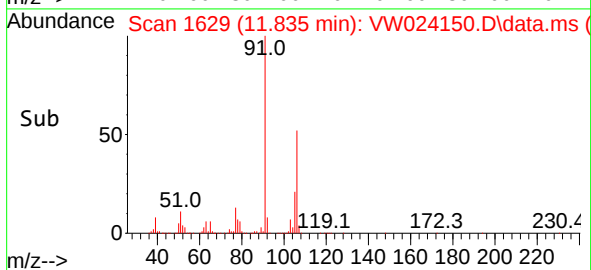
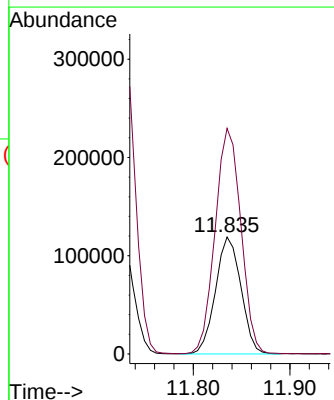
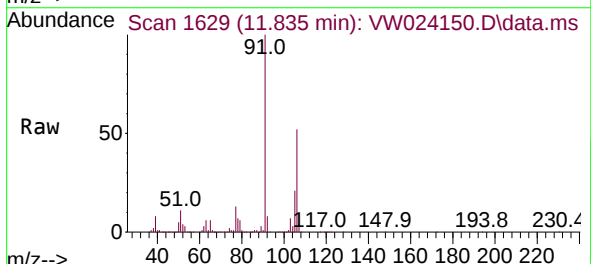
Instrument :
MSVOA_W
ClientSampleId :
VICV406

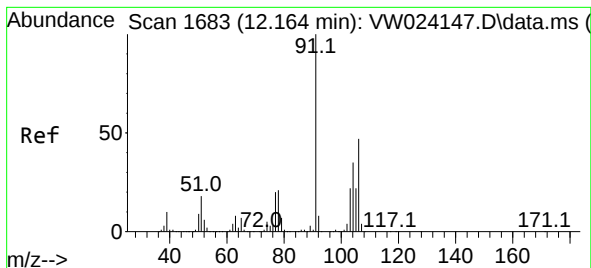
Tgt Ion: 91 Resp: 549702
Ion Ratio Lower Upper
91 100
106 28.6 20.7 38.5



#53
m,p-Xylene
Concen: 23.235 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW024150.D
Acq: 03 Aug 2022 14:34

Tgt Ion:106 Resp: 217186
Ion Ratio Lower Upper
106 100
91 192.8 139.0 258.2





#54

o-Xylene

Concen: 23.379 ug/L

RT: 12.164 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW024150.D

Acq: 03 Aug 2022 14:34

Instrument :

MSVOA_W

ClientSampleId :

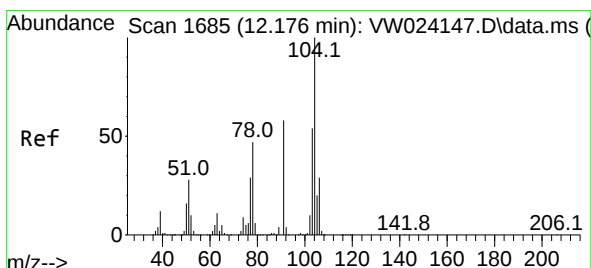
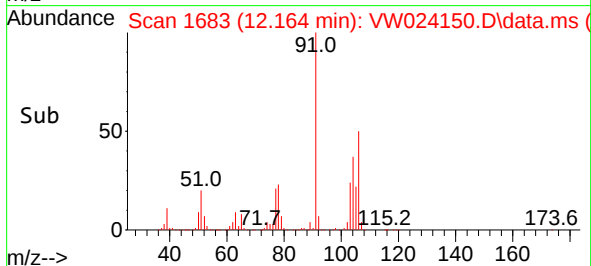
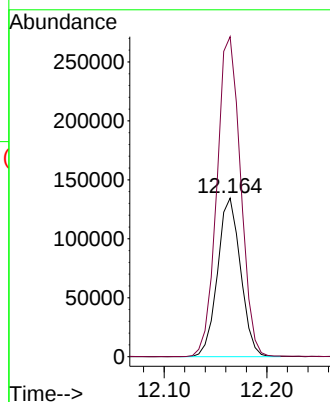
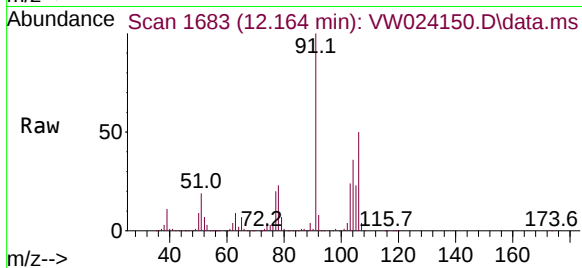
VICV406

Tgt Ion:106 Resp: 208963

Ion Ratio Lower Upper

106 100

91 201.8 148.7 276.3



#55

Styrene

Concen: 23.480 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VW024150.D

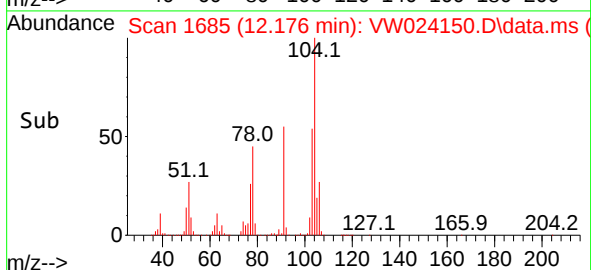
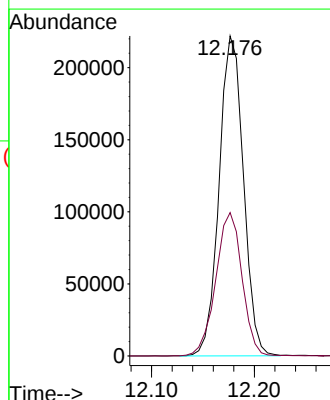
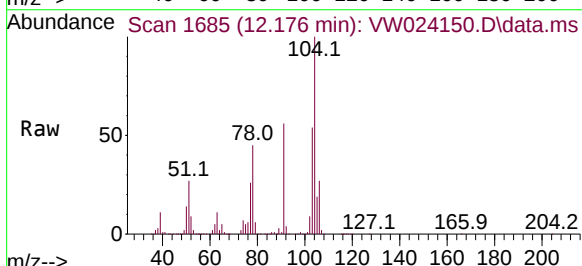
Acq: 03 Aug 2022 14:34

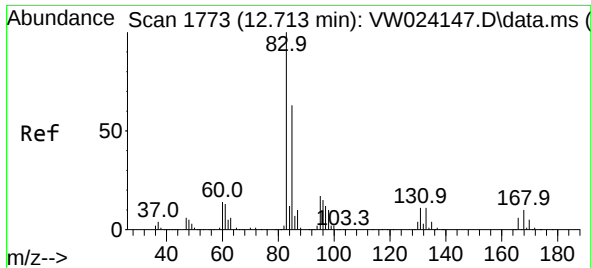
Tgt Ion:104 Resp: 364296

Ion Ratio Lower Upper

104 100

78 44.8 33.1 61.5

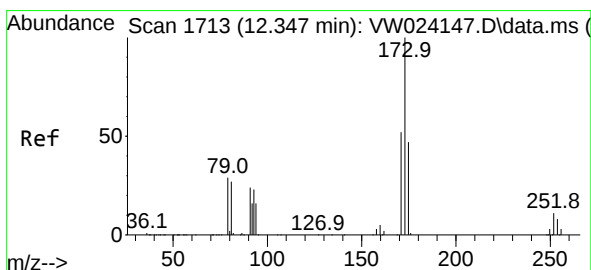
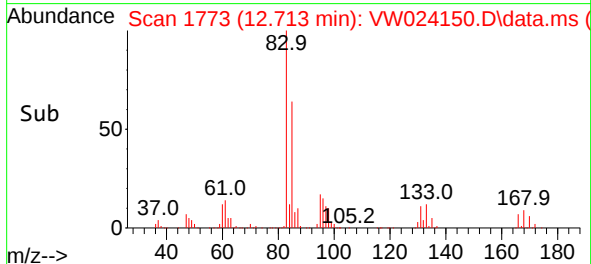
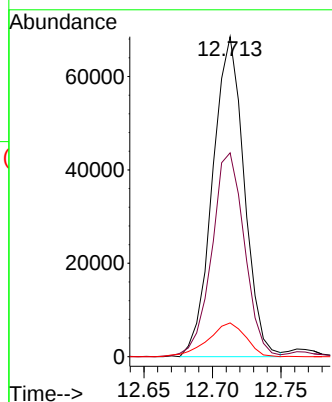
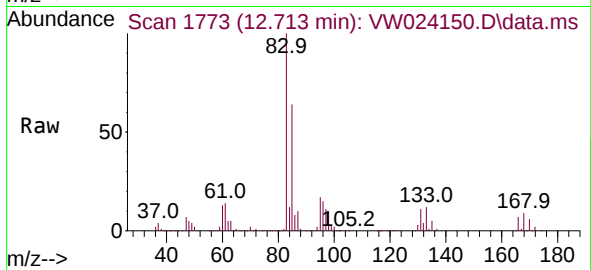




#57
1,1,2,2-Tetrachloroethane
Concen: 21.370 ug/L
RT: 12.713 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW024150.D
Acq: 03 Aug 2022 14:34

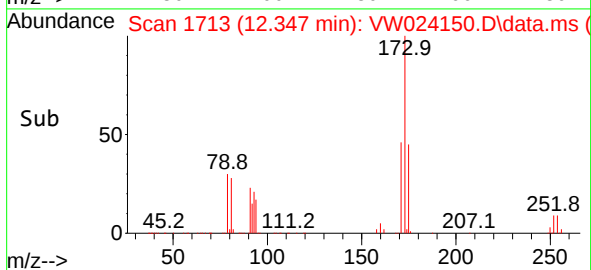
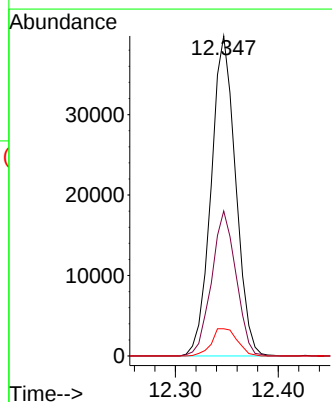
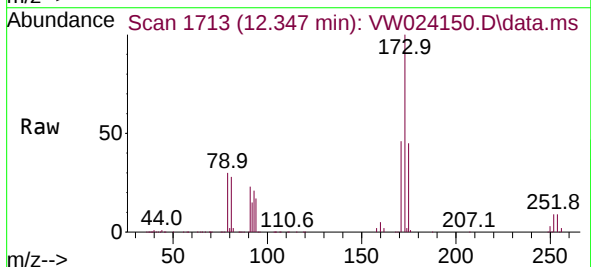
Instrument :
MSVOA_W
ClientSampleId :
VICV406

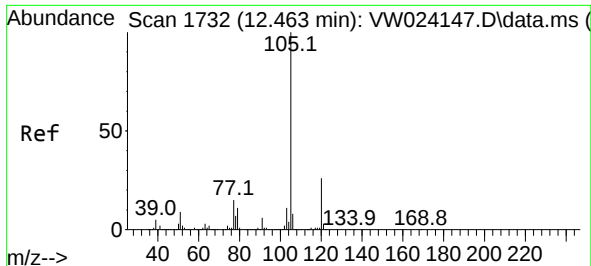
Tgt Ion: 83 Resp: 110044
Ion Ratio Lower Upper
83 100
85 63.7 44.0 81.8
131 10.5 8.6 12.8



#59
Bromoform
Concen: 21.950 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW024150.D
Acq: 03 Aug 2022 14:34

Tgt Ion:173 Resp: 65946
Ion Ratio Lower Upper
173 100
175 45.0 39.0 58.4
254 8.9 7.2 10.8

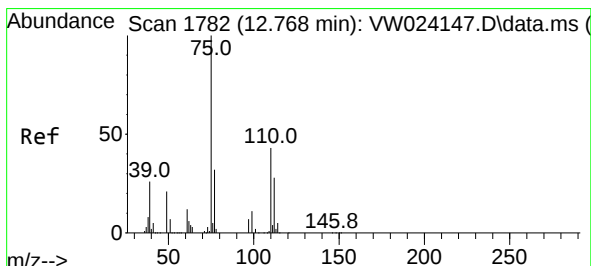
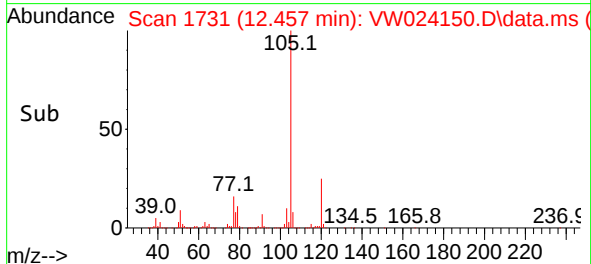
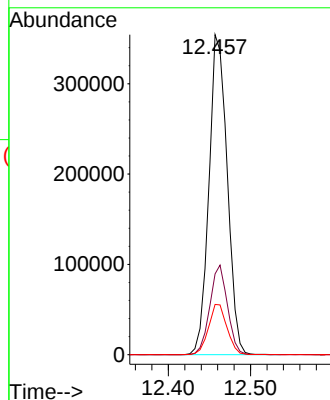
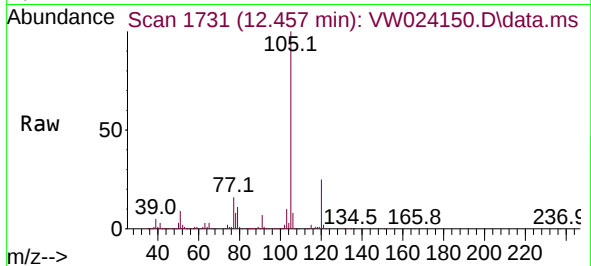




#60
Isopropylbenzene
Concen: 22.501 ug/L
RT: 12.457 min Scan# 1731
Delta R.T. -0.006 min
Lab File: VW024150.D
Acq: 03 Aug 2022 14:34

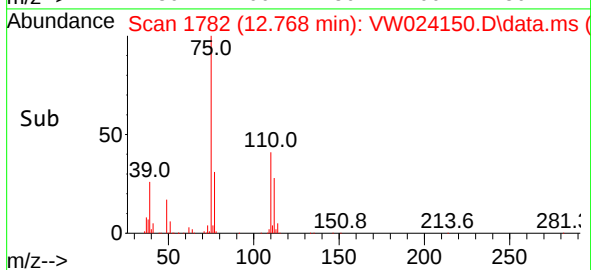
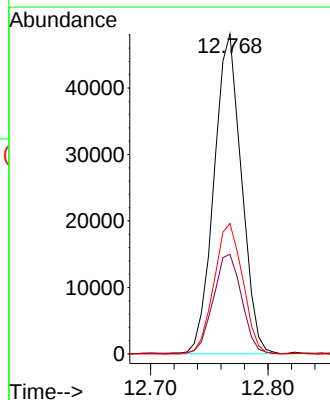
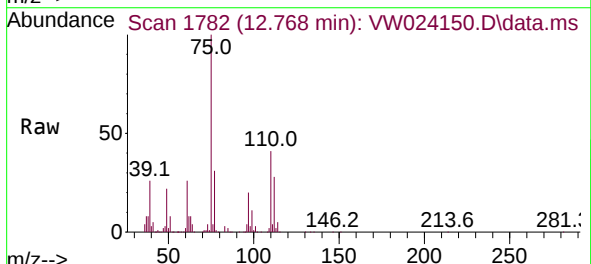
Instrument :
MSVOA_W
ClientSampleId :
VICV406

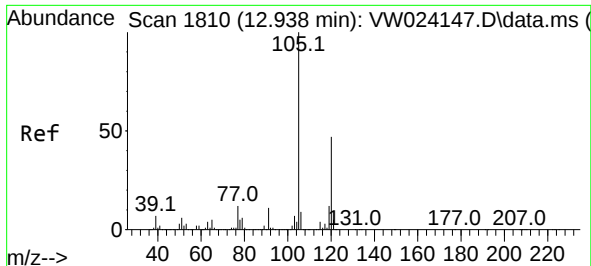
Tgt Ion:105 Resp: 547269
Ion Ratio Lower Upper
105 100
120 27.1 21.2 31.8
77 15.9 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 20.360 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW024150.D
Acq: 03 Aug 2022 14:34

Tgt Ion: 75 Resp: 78205
Ion Ratio Lower Upper
75 100
77 32.3 25.7 38.5
110 42.6 34.7 52.1

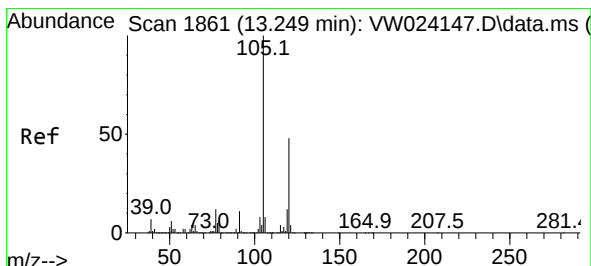
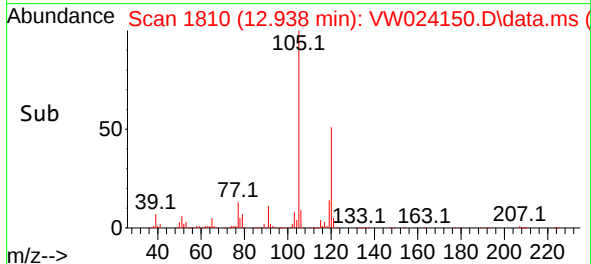
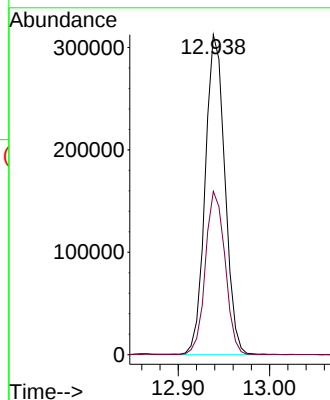
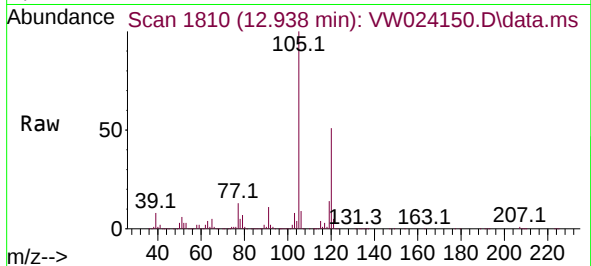




#62
 1,3,5-Trimethylbenzene
 Concen: 23.509 ug/L
 RT: 12.938 min Scan# 1810
 Delta R.T. -0.000 min
 Lab File: VW024150.D
 Acq: 03 Aug 2022 14:34

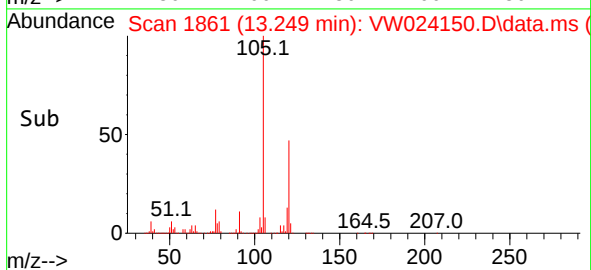
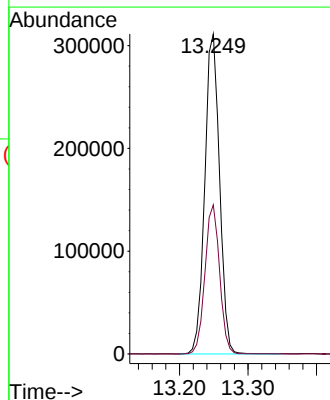
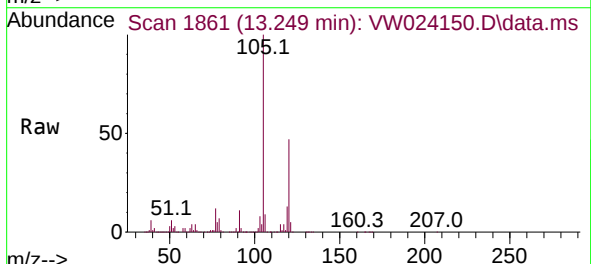
Instrument :
 MSVOA_W
 ClientSampleId :
 VICV406

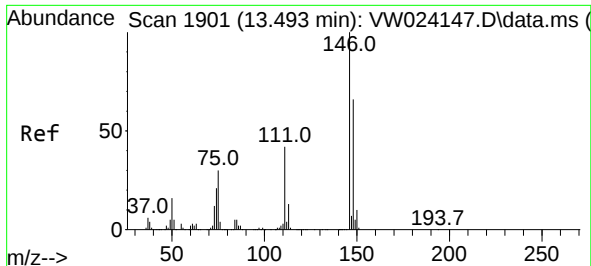
Tgt Ion:105 Resp: 468193
 Ion Ratio Lower Upper
 105 100
 120 51.0 39.6 59.4



#63
 1,2,4-Trimethylbenzene
 Concen: 23.815 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. -0.000 min
 Lab File: VW024150.D
 Acq: 03 Aug 2022 14:34

Tgt Ion:105 Resp: 467838
 Ion Ratio Lower Upper
 105 100
 120 46.1 38.5 57.7

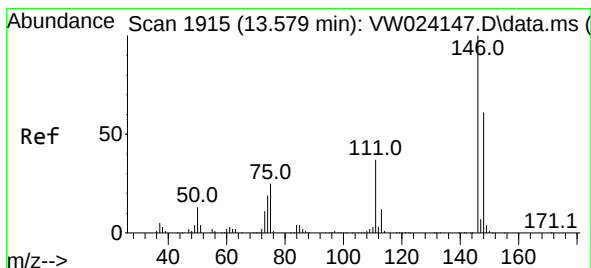
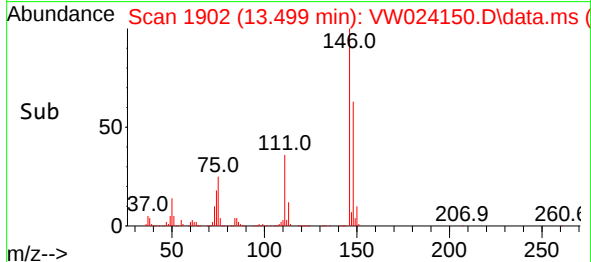
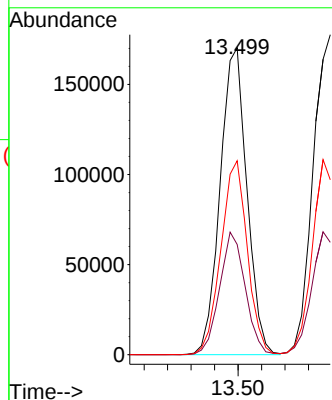
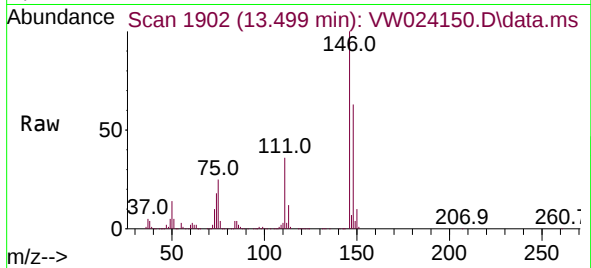




#64
1,3-Dichlorobenzene
Concen: 21.963 ug/L
RT: 13.499 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VW024150.D
Acq: 03 Aug 2022 14:34

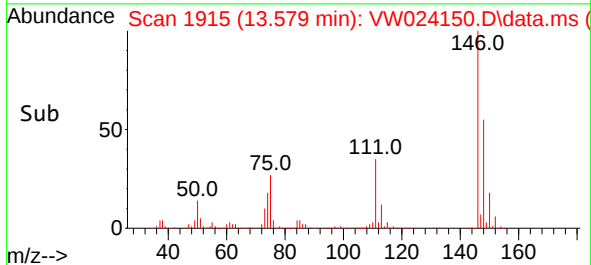
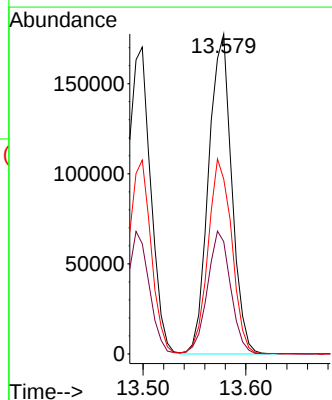
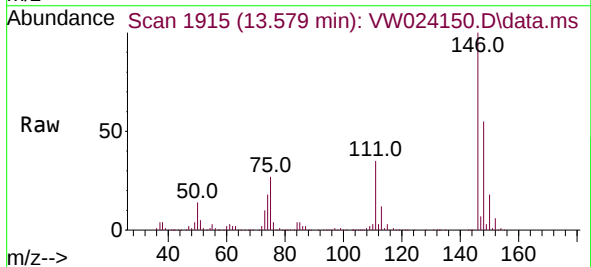
Instrument :
MSVOA_W
ClientSampleId :
VICV406

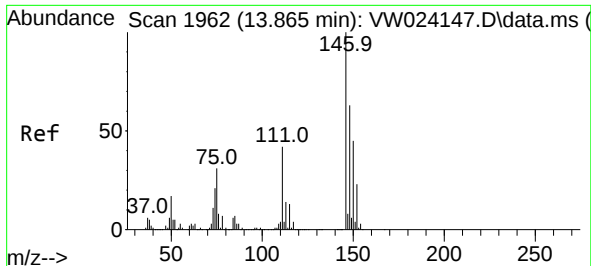
Tgt Ion:146 Resp: 269627
Ion Ratio Lower Upper
146 100
111 35.9 29.3 54.5
148 63.2 46.0 85.4



#65
1,4-Dichlorobenzene
Concen: 21.787 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW024150.D
Acq: 03 Aug 2022 14:34

Tgt Ion:146 Resp: 277480
Ion Ratio Lower Upper
146 100
111 35.1 26.2 48.6
148 54.6 43.0 79.8





#67

1,2-Dichlorobenzene

Concen: 22.653 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW024150.D

Acq: 03 Aug 2022 14:34

Instrument :

MSVOA_W

ClientSampleId :

VICV406

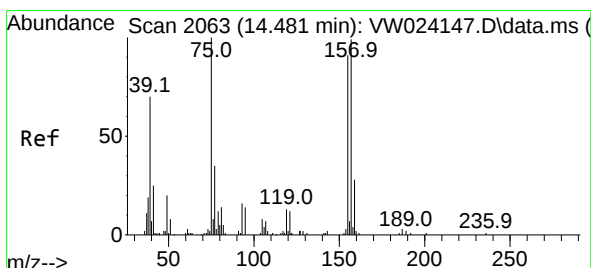
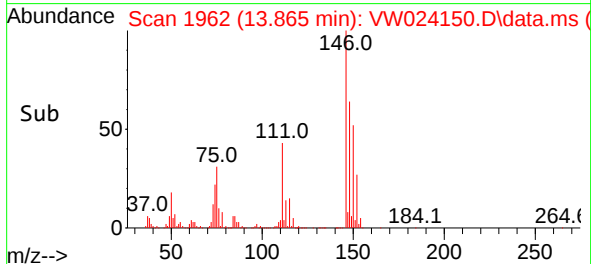
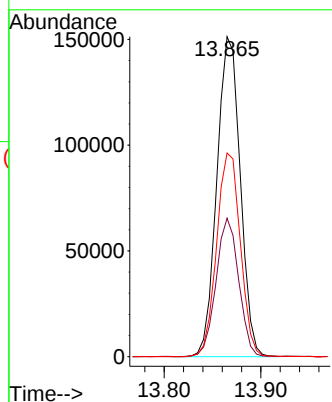
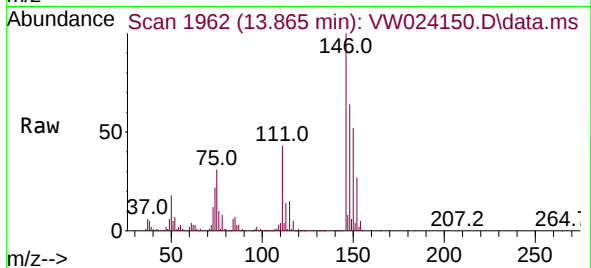
Tgt Ion:146 Resp: 253652

Ion Ratio Lower Upper

146 100

111 43.3 33.7 50.5

148 63.7 50.6 75.8



#68

1,2-Dibromo-3-chloropropane

Concen: 20.223 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW024150.D

Acq: 03 Aug 2022 14:34

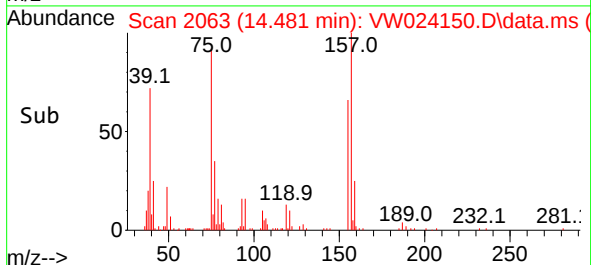
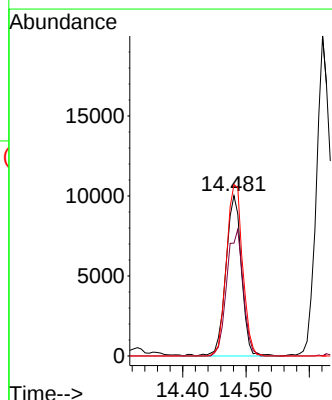
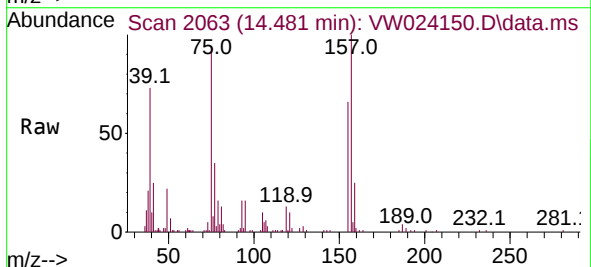
Tgt Ion: 75 Resp: 17236

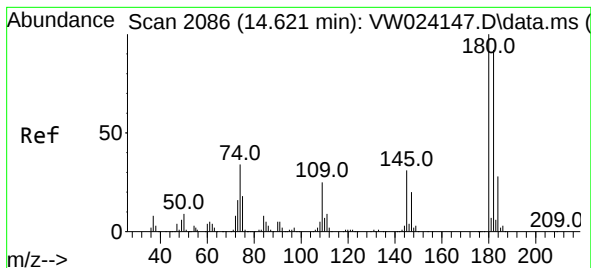
Ion Ratio Lower Upper

75 100

155 70.4 72.6 109.0#

157 106.9 79.1 118.7





#69

1,3,5-Trichlorobenzene

Concen: 21.217 ug/L

RT: 14.627 min Scan# 2086

Delta R.T. 0.006 min

Lab File: VW024150.D

Acq: 03 Aug 2022 14:34

Instrument :

MSVOA_W

ClientSampleId :

VICV406

Tgt Ion:180 Resp: 173051

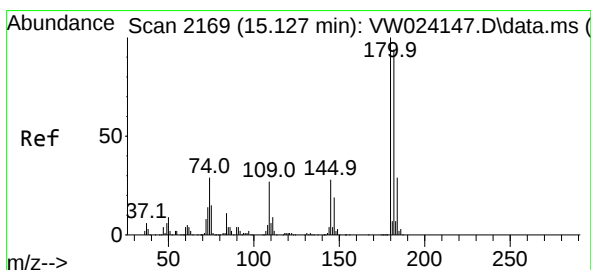
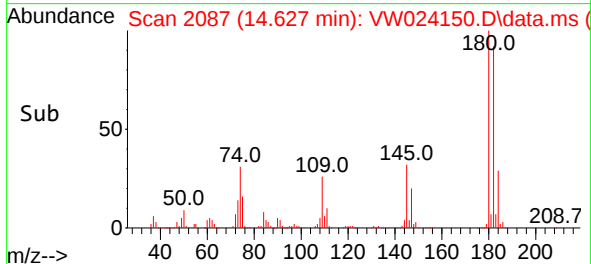
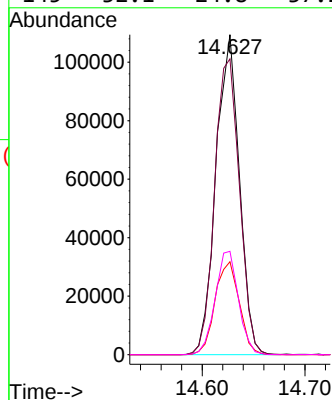
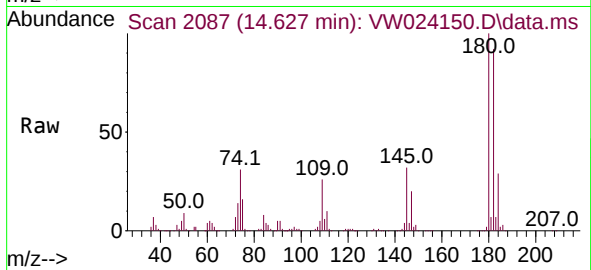
Ion Ratio Lower Upper

180 100

182 97.7 76.5 114.7

184 30.1 23.7 35.5

145 32.1 24.8 37.2



#70

1,2,4-trichlorobenzene

Concen: 23.199 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.000 min

Lab File: VW024150.D

Acq: 03 Aug 2022 14:34

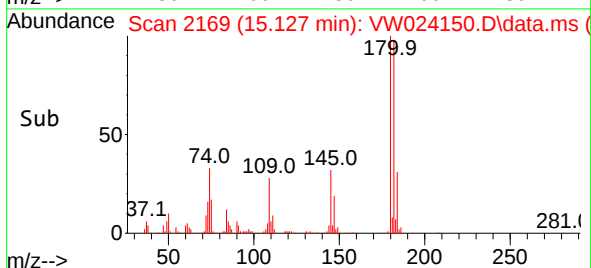
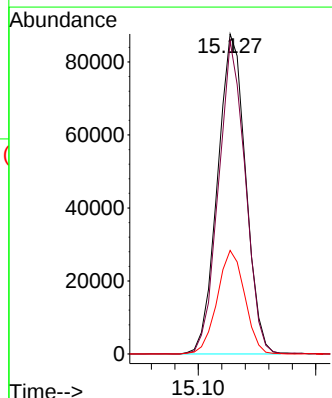
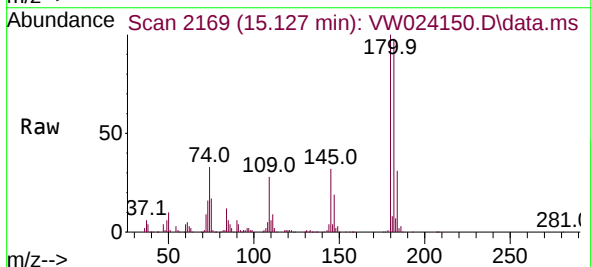
Tgt Ion:180 Resp: 145834

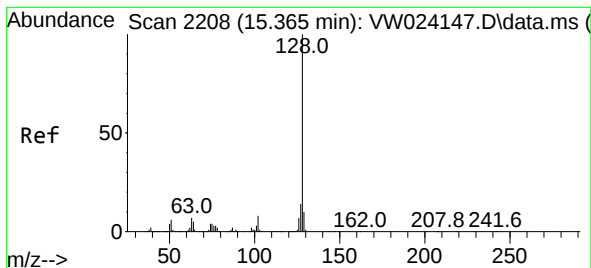
Ion Ratio Lower Upper

180 100

182 92.8 79.0 118.6

145 31.6 24.3 36.5





#71

Naphthalene

Concen: 23.229 ug/L

RT: 15.359 min Scan# 21

Delta R.T. -0.006 min

Lab File: VW024150.D

Acq: 03 Aug 2022 14:34

Instrument :

MSVOA_W

ClientSampleId :

VICV406

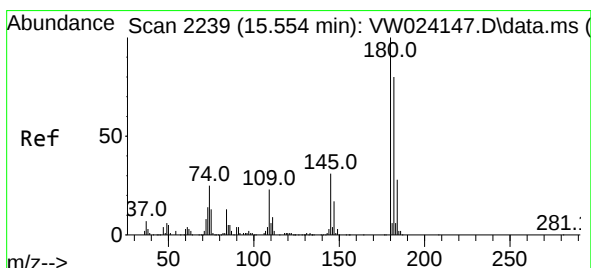
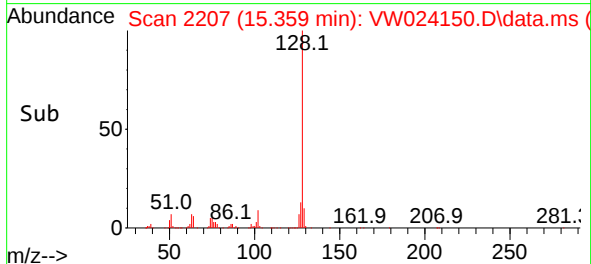
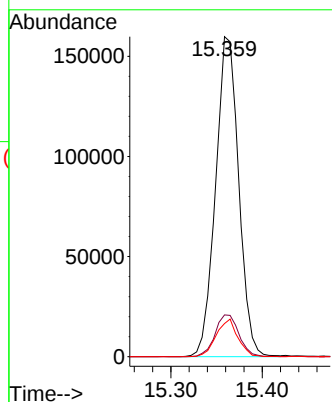
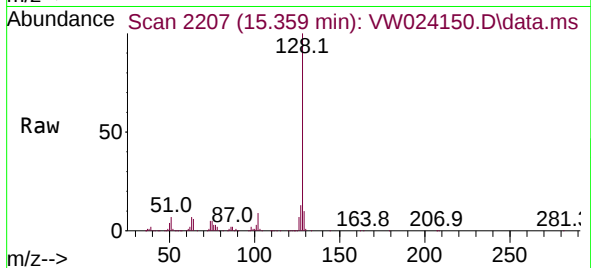
Tgt Ion:128 Resp: 281420

Ion Ratio Lower Upper

128 100

127 13.5 10.7 16.1

129 11.0 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 23.103 ug/L

RT: 15.554 min Scan# 2239

Delta R.T. -0.000 min

Lab File: VW024150.D

Acq: 03 Aug 2022 14:34

Tgt Ion:180 Resp: 133514

Ion Ratio Lower Upper

180 100

182 93.8 73.4 110.2

145 33.2 26.6 40.0

