

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW013023\
 Data File : VW025247.D
 Acq On : 30 Jan 2023 11:44
 Operator : SY/MD
 Sample : VSTD10009
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 31 00:51:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM013023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jan 31 00:47:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	393683	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	354939	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	167709	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	441314	100.390	ug/L	0.00
7) Chloroethane-d5	2.879	69	305697	108.184	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	1036492	100.432	ug/L	0.00
21) 2-Butanone-d5	7.074	46	253456	211.195	ug/L	0.00
24) Chloroform-d	7.647	84	1052165	100.737	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	552434	98.748	ug/L	0.00
32) Benzene-d6	8.275	84	2076757	98.668	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	594548	97.596	ug/L	0.00
41) Toluene-d8	10.323	98	1943198	100.040	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.573	79	281027	104.761	ug/L	0.00
47) 2-Hexanone-d5	10.920	63	220791	227.084	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	470726	100.309	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	605571	101.049	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.001	85	327549	133.886	ug/L	99
3) Chloromethane	2.215	50	497235	108.647	ug/L	97
5) Vinyl chloride	2.361	62	583708	101.232	ug/L	99
6) Bromomethane	2.769	94	297801	98.900	ug/L	99
8) Chloroethane	2.916	64	273001	105.316	ug/L	100
9) Trichlorofluoromethane	3.257	101	464074	105.664	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	584412	99.685	ug/L	99
12) 1,1-Dichloroethene	4.037	96	561616	102.184	ug/L	97
13) Acetone	4.117	43	256426	197.358	ug/L	99
14) Carbon disulfide	4.385	76	1821402	100.486	ug/L	100
15) Methyl Acetate	4.665	43	223212	103.997	ug/L	97
16) Methylene chloride	4.915	84	534903	85.670	ug/L	96
17) trans-1,2-Dichloroethene	5.421	96	575066	100.378	ug/L	100
18) Methyl tert-butyl Ether	5.427	73	834457	100.983	ug/L	99
19) 1,1-Dichloroethane	6.214	63	1019107	99.892	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	618482	103.262	ug/L	100
22) 2-Butanone	7.165	43	330819	209.068	ug/L	98
23) Bromochloromethane	7.512	128	256957	99.705	ug/L	94
25) Chloroform	7.677	83	1041496	99.967	ug/L	98
27) 1,2-Dichloroethane	8.396	62	692813	100.077	ug/L	97
29) Cyclohexane	7.951	56	1010552	103.843	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	918584	99.676	ug/L	99
31) Carbon tetrachloride	8.067	117	866387	99.947	ug/L	100
33) Benzene	8.323	78	2257795	96.929	ug/L	100
34) Trichloroethene	9.091	95	632135	99.621	ug/L	98
35) Methylcyclohexane	9.335	83	1115992	101.190	ug/L	99
37) 1,2-Dichloropropane	9.366	63	558298	99.378	ug/L	100
38) Bromodichloromethane	9.646	83	756369	100.555	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	986126	106.747	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	639070	217.625	ug/L	99
42) Toluene	10.384	91	2454924	99.725	ug/L	95
44) trans-1,3-Dichloropropene	10.603	75	837438	108.010	ug/L	99

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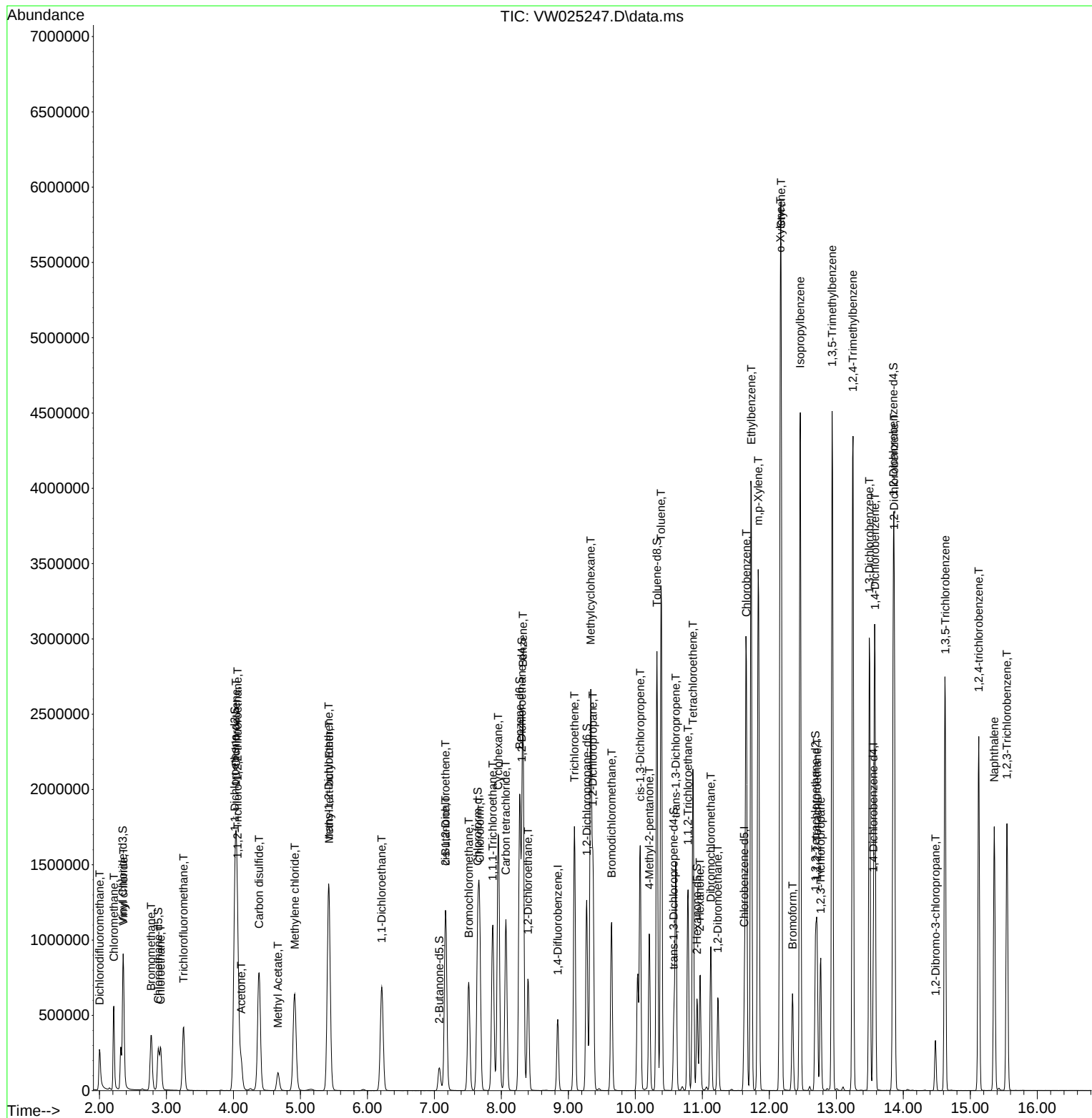
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	424432	100.459	ug/L	99
46) Tetrachloroethene	10.859	164	465196	99.506	ug/L	96
48) 2-Hexanone	10.963	43	474365	213.059	ug/L	98
49) Dibromochloromethane	11.128	129	501884	104.287	ug/L	93
50) 1,2-Dibromoethane	11.231	107	419748	103.143	ug/L	99
51) Chlorobenzene	11.658	112	1591423	100.980	ug/L	99
52) Ethylbenzene	11.731	91	2909069	101.801	ug/L	99
53) m,p-Xylene	11.835	106	1118414	102.986	ug/L	94
54) o-Xylene	12.164	106	1036492	101.665	ug/L	97
55) Styrene	12.176	104	1780729	103.730	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	496975	101.857	ug/L	98
59) Bromoform	12.347	173	289429	104.412	ug/L	99
60) Isopropylbenzene	12.463	105	2967442	101.013	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	367851	99.653	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	2472833	106.524	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	2423218	106.678	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	1201084	101.671	ug/L	99
65) 1,4-Dichlorobenzene	13.578	146	1188621	101.264	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	1006438	101.504	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.481	75	89428	103.068	ug/L	98
69) 1,3,5-Trichlorobenzene	14.627	180	825603	105.916	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	692573	110.867	ug/L	98
71) Naphthalene	15.359	128	1464124	116.082	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	580581	102.870	ug/L	96

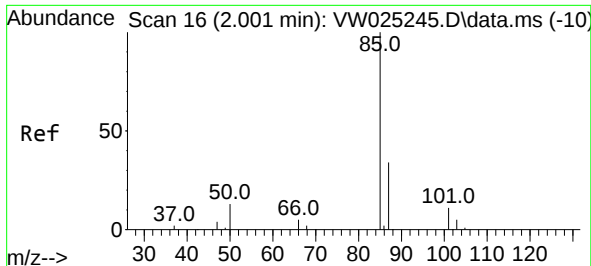
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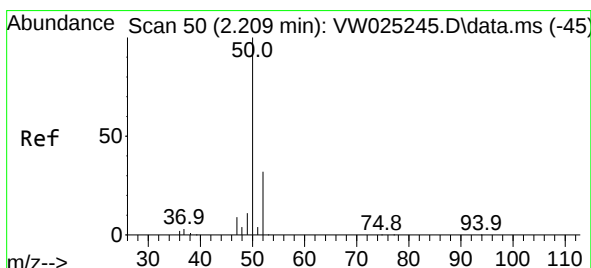
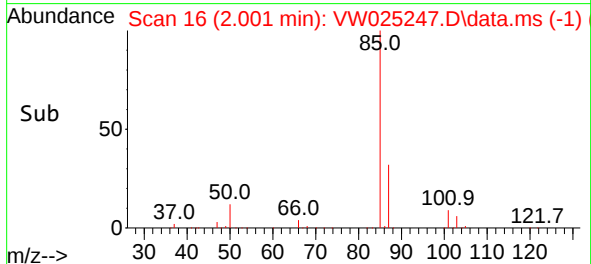
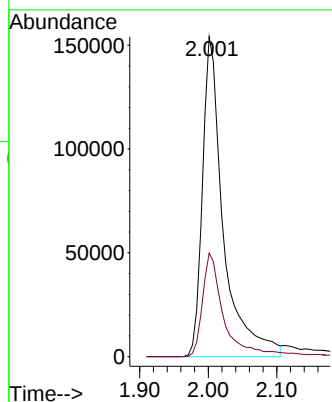
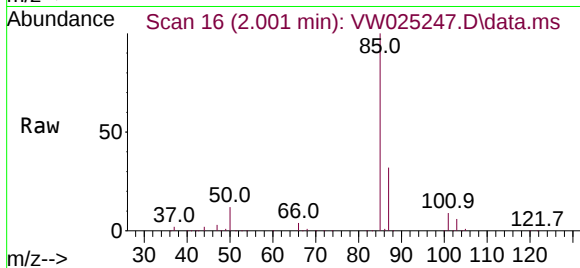




#2
Dichlorodifluoromethane
Concen: 133.886 ug/L
RT: 2.001 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW025247.D
Acq: 30 Jan 2023 11:44

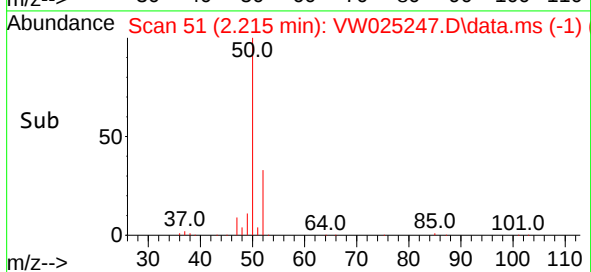
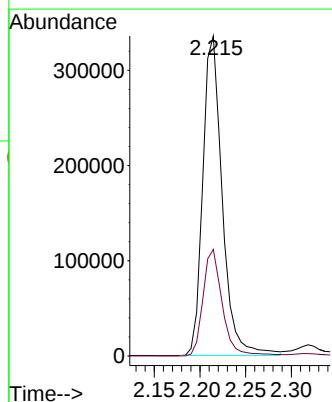
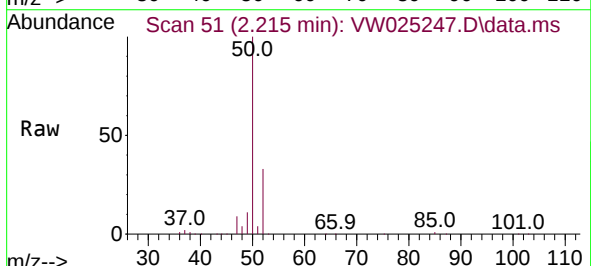
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ClientSampleId :

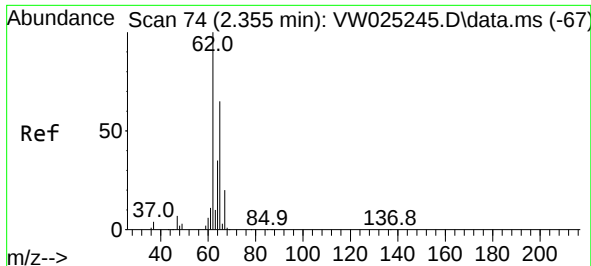
Tgt Ion: 85 Resp: 327549
Ion Ratio Lower Upper
85 100
87 31.4 24.6 37.0



#3
Chloromethane
Concen: 108.647 ug/L
RT: 2.215 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW025247.D
Acq: 30 Jan 2023 11:44

Tgt Ion: 50 Resp: 497235
Ion Ratio Lower Upper
50 100
52 33.3 22.3 41.3

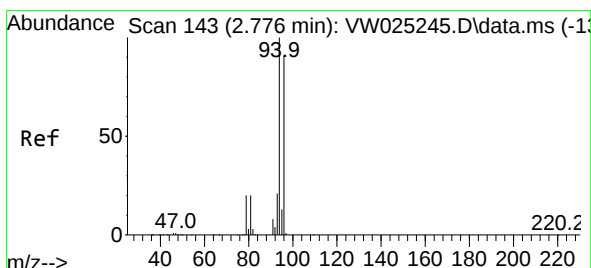
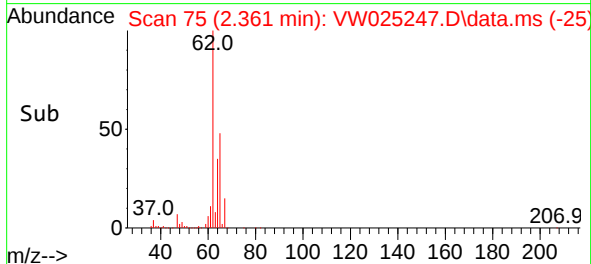
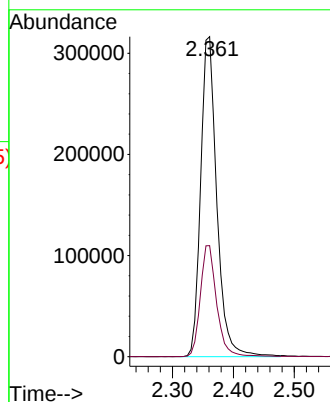
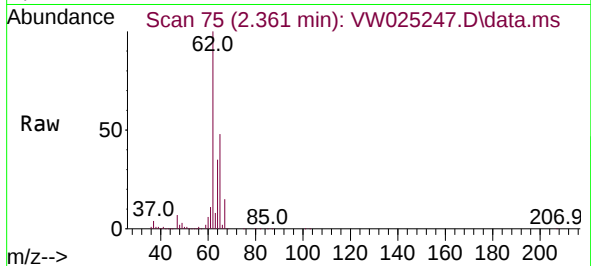




#5
 Vinyl chloride
 Concen: 101.232 ug/L
 RT: 2.361 min Scan# 74
 Delta R.T. 0.006 min
 Lab File: VW025247.D
 Acq: 30 Jan 2023 11:44

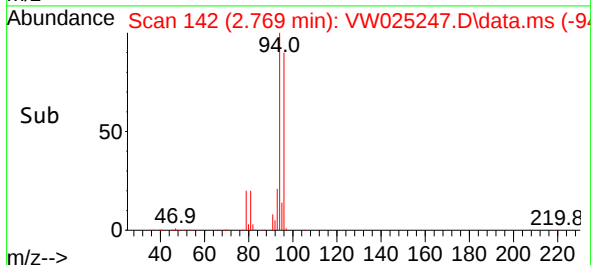
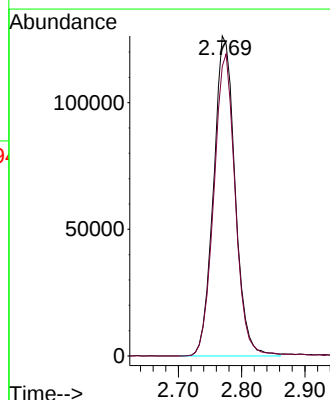
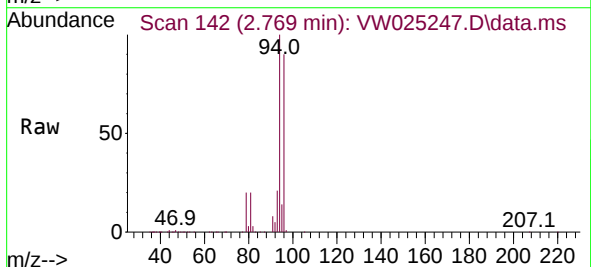
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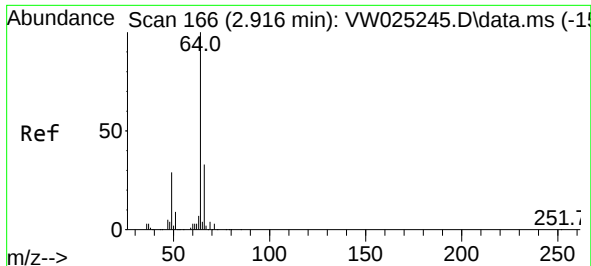
Tgt Ion: 62 Resp: 583708
 Ion Ratio Lower Upper
 62 100
 64 34.7 24.7 45.9



#6
 Bromomethane
 Concen: 98.900 ug/L
 RT: 2.769 min Scan# 142
 Delta R.T. -0.006 min
 Lab File: VW025247.D
 Acq: 30 Jan 2023 11:44

Tgt Ion: 94 Resp: 297801
 Ion Ratio Lower Upper
 94 100
 96 90.5 64.0 118.8

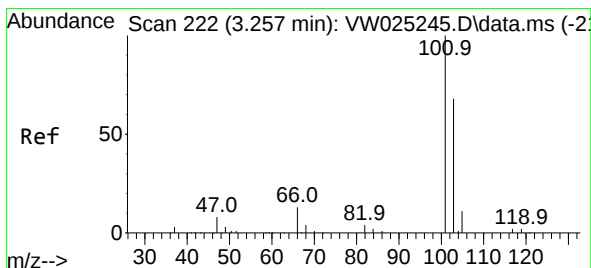
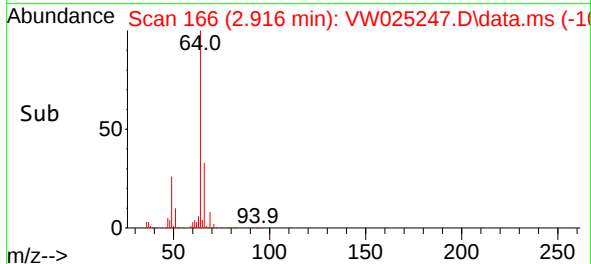
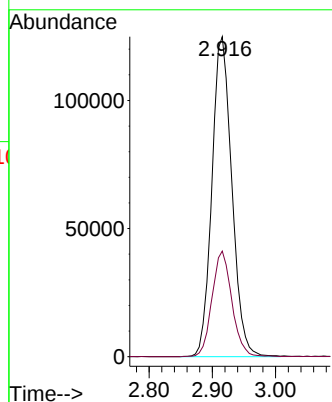
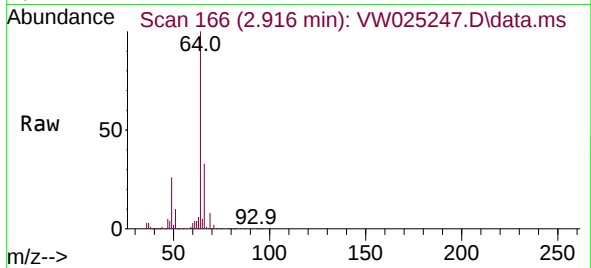




#8
Chloroethane
Concen: 105.316 ug/L
RT: 2.916 min Scan# 166
Delta R.T. -0.000 min
Lab File: VW025247.D
Acq: 30 Jan 2023 11:44

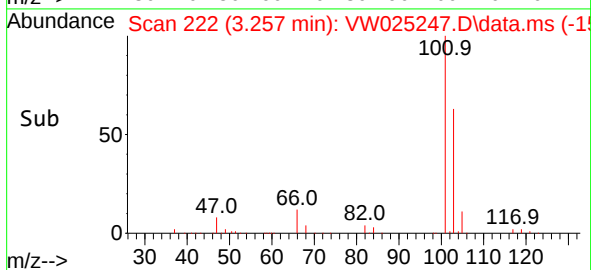
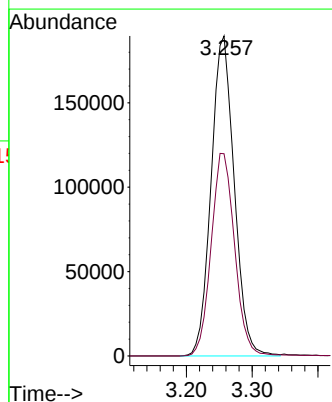
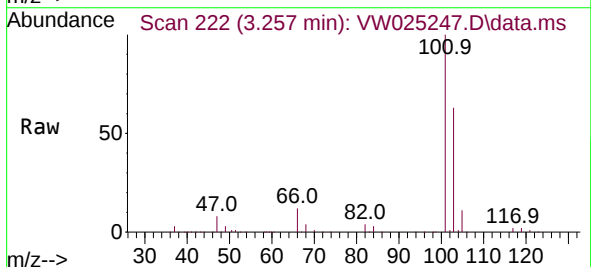
Instrument :
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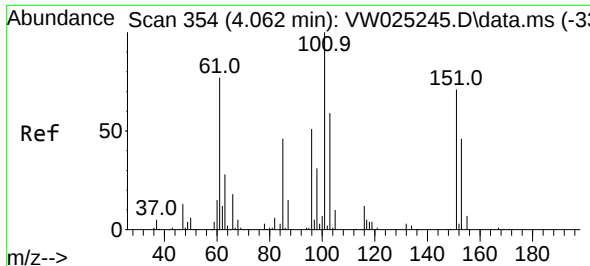
Tgt Ion: 64 Resp: 273001
Ion Ratio Lower Upper
64 100
66 33.0 23.0 42.8



#9
Trichlorofluoromethane
Concen: 105.664 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.000 min
Lab File: VW025247.D
Acq: 30 Jan 2023 11:44

Tgt Ion: 101 Resp: 464074
Ion Ratio Lower Upper
101 100
103 64.2 51.4 77.2

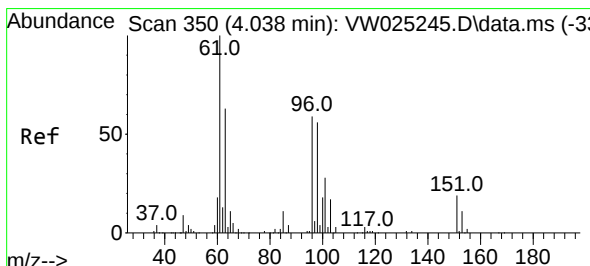
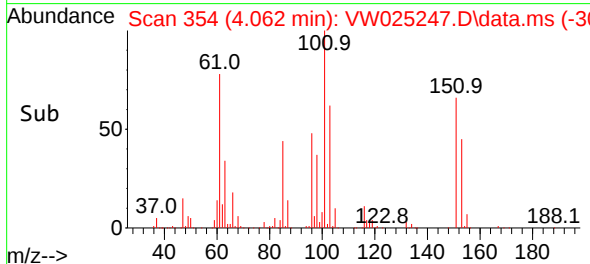
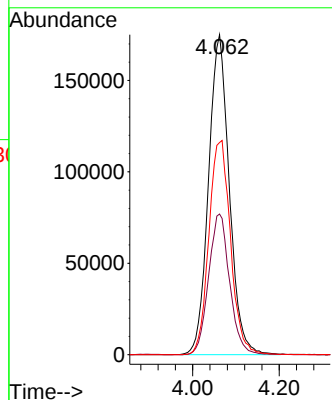
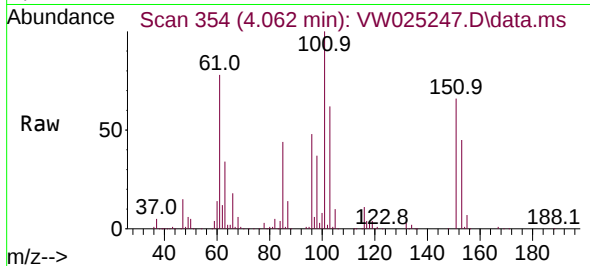




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 99.685 ug/L
 RT: 4.062 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VW025247.D
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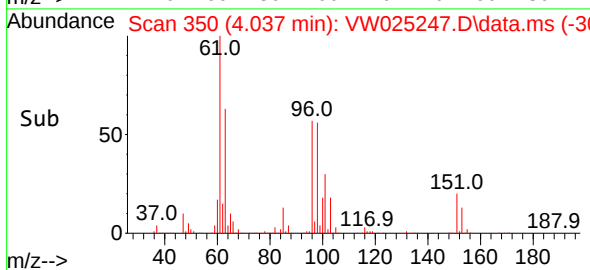
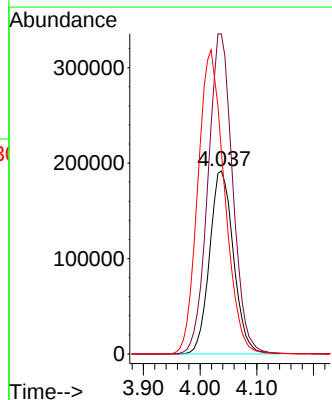
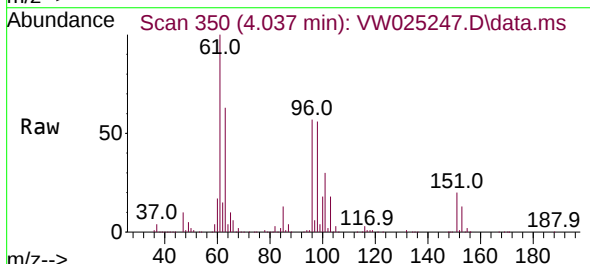
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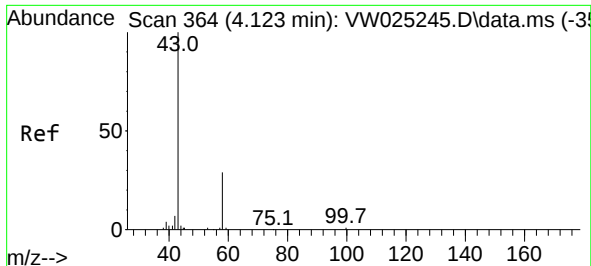
Tgt Ion:101 Resp: 584412
 Ion Ratio Lower Upper
 101 100
 85 44.5 35.7 53.5
 151 69.8 56.4 84.6



#12
 1,1-Dichloroethene
 Concen: 102.184 ug/L
 RT: 4.037 min Scan# 350
 Delta R.T. -0.000 min
 Lab File: VW025247.D
 Acq: 30 Jan 2023 11:44

Tgt Ion: 96 Resp: 561616
 Ion Ratio Lower Upper
 96 100
 61 174.9 119.1 221.3
 63 110.9 76.4 141.8

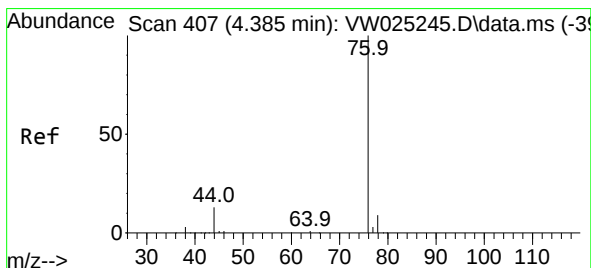
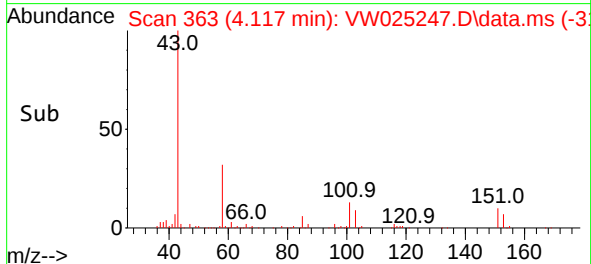
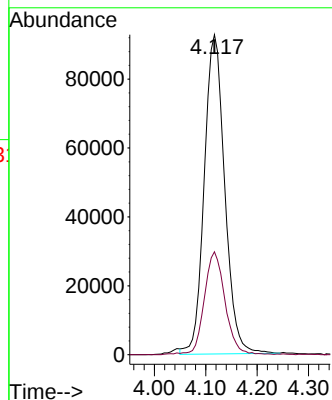
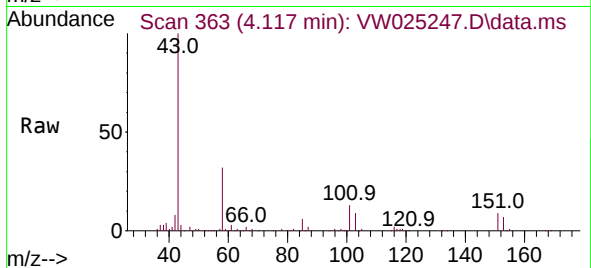




#13
Acetone
Concen: 197.358 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.006 min
Lab File: VW025247.D
Acq: 30 Jan 2023 11:44

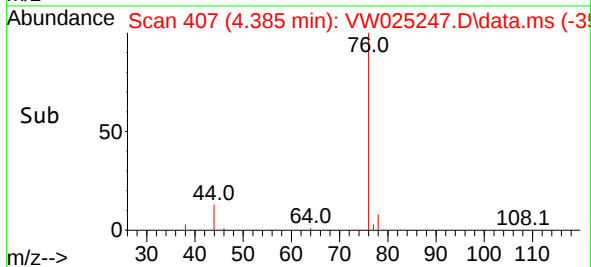
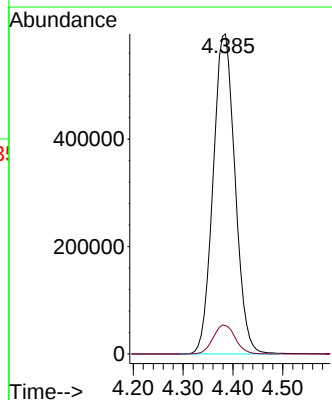
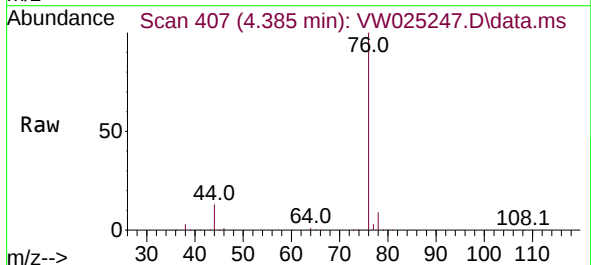
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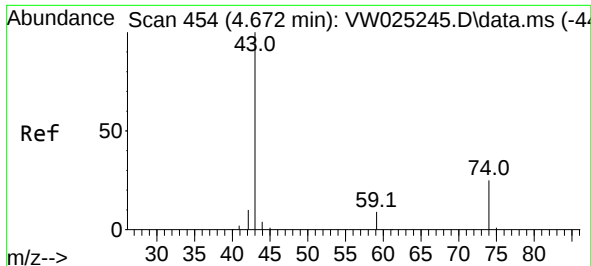
Tgt Ion: 43 Resp: 256426
Ion Ratio Lower Upper
43 100
58 32.3 0.0 63.6



#14
Carbon disulfide
Concen: 100.486 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 1821402
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7

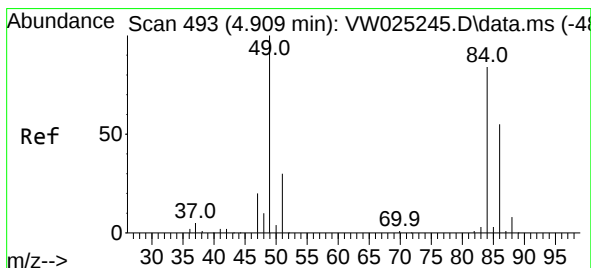
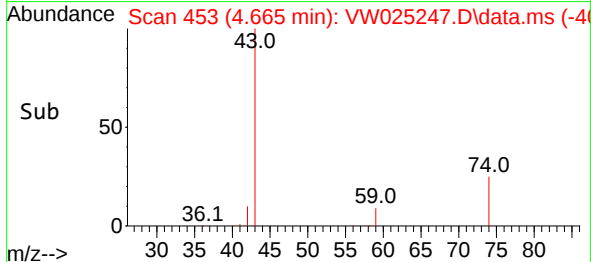
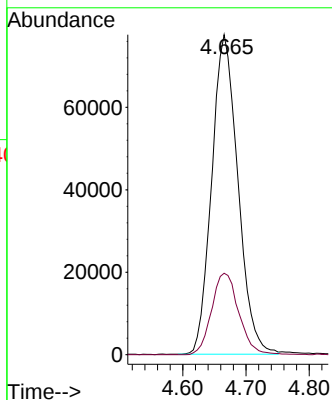
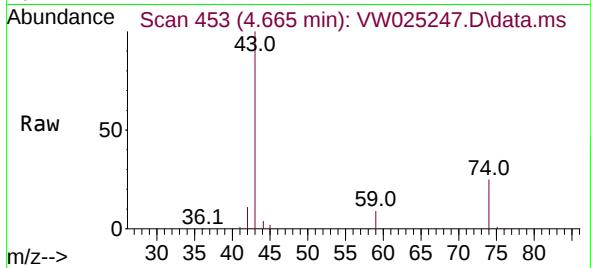




#15
Methyl Acetate
Concen: 103.997 ug/L
RT: 4.665 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW025247.D
Acq: 30 Jan 2023 11:44

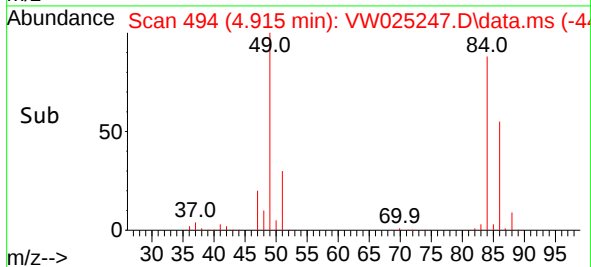
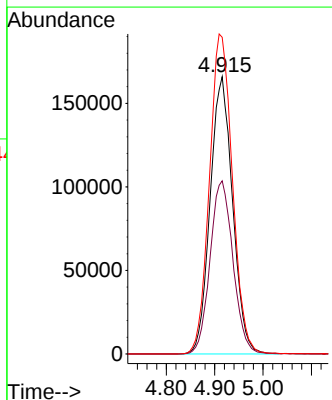
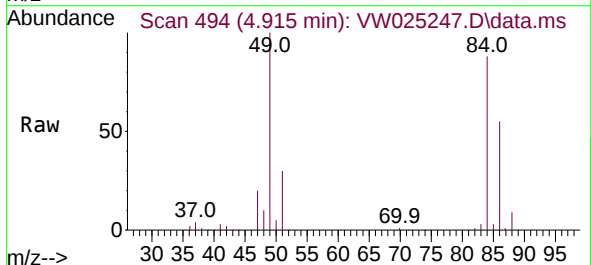
Instrument :
MSVOA_W
ClientSampleId :

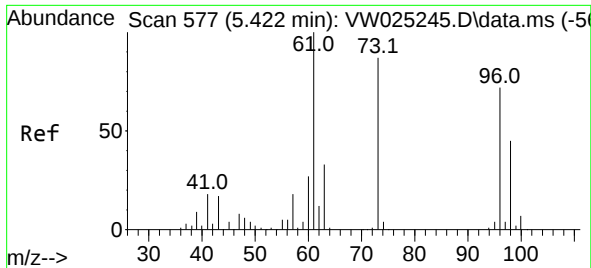
Tgt Ion: 43 Resp: 223212
Ion Ratio Lower Upper
43 100
74 26.4 20.0 30.0



#16
Methylene chloride
Concen: 85.670 ug/L
RT: 4.915 min Scan# 494
Delta R.T. 0.006 min
Lab File: VW025247.D
Acq: 30 Jan 2023 11:44

Tgt Ion: 84 Resp: 534903
Ion Ratio Lower Upper
84 100
86 62.5 45.5 84.5
49 114.2 83.1 154.3

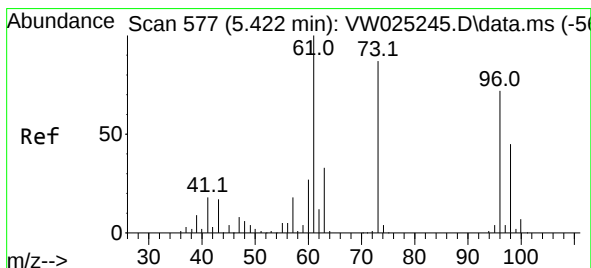
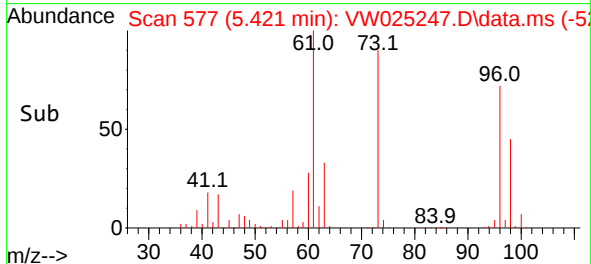
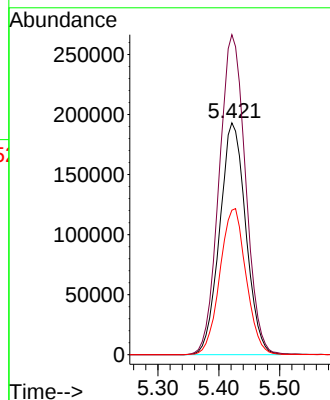
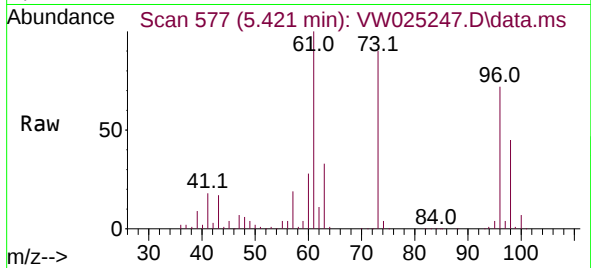




#17
trans-1,2-Dichloroethene
Concen: 100.378 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.000 min
Lab File: VW025247.D
Acq: 30 Jan 2023 11:44

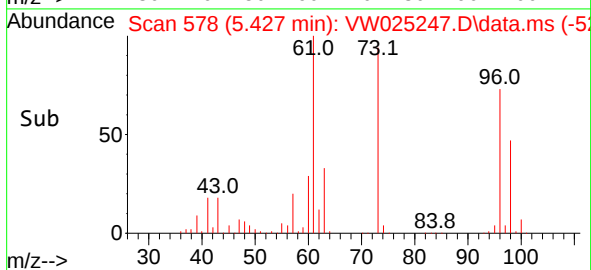
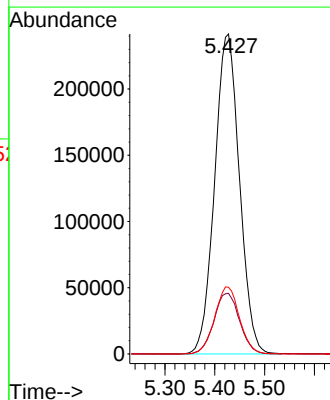
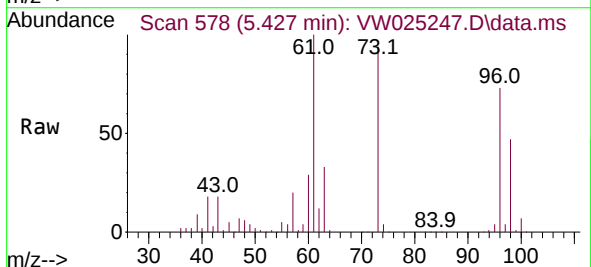
Instrument :
MSVOA_W
ClientSampleId :

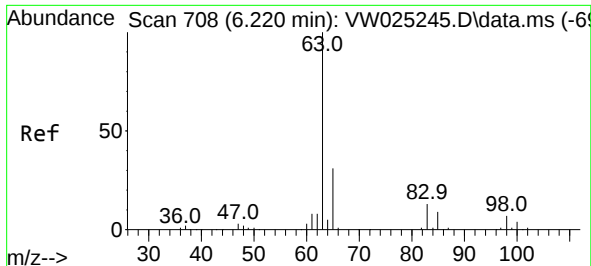
Tgt Ion: 96 Resp: 575066
Ion Ratio Lower Upper
96 100
61 138.1 96.6 179.4
98 62.3 43.1 80.1



#18
Methyl tert-butyl Ether
Concen: 100.983 ug/L
RT: 5.427 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW025247.D
Acq: 30 Jan 2023 11:44

Tgt Ion: 73 Resp: 834457
Ion Ratio Lower Upper
73 100
43 19.6 16.0 24.0
57 21.0 17.1 25.7

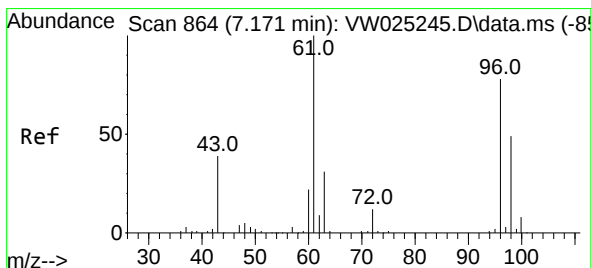
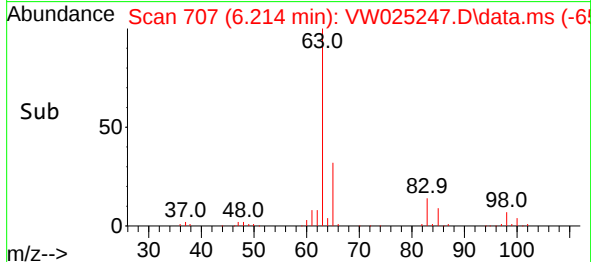
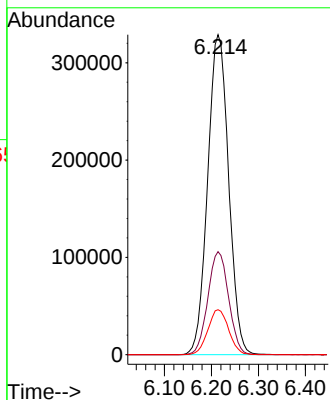
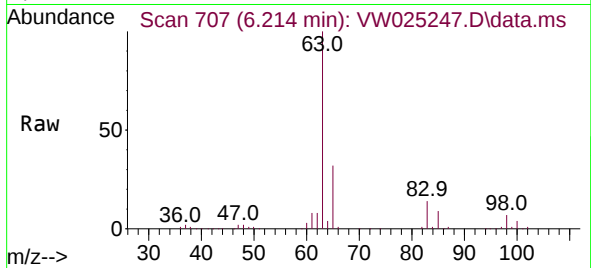




#19
 1,1-Dichloroethane
 Concen: 99.892 ug/L
 RT: 6.214 min Scan# 708
 Delta R.T. -0.006 min
 Lab File: VW025247.D
 Acq: 30 Jan 2023 11:44

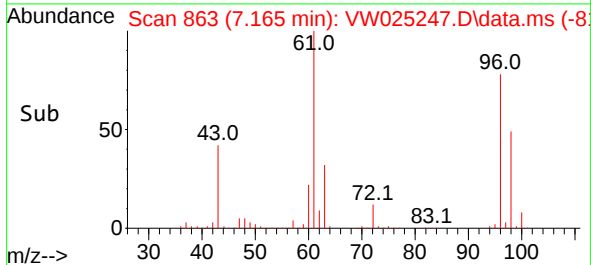
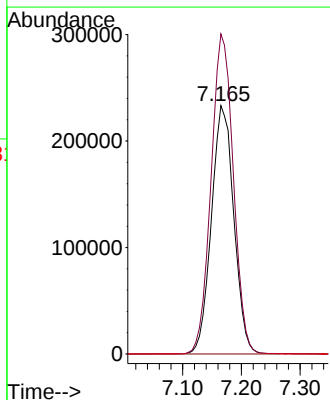
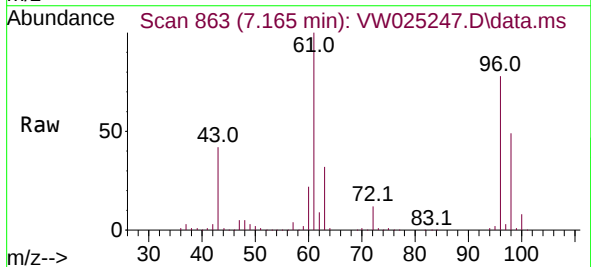
Instrument :
 MSVOA_W
 ClientSampleId :

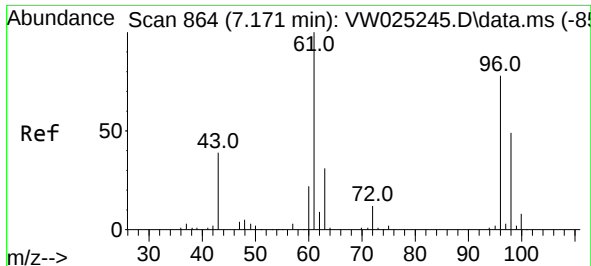
Tgt Ion: 63 Resp: 1019107
 Ion Ratio Lower Upper
 63 100
 65 32.2 21.8 40.4
 83 14.1 9.0 16.6



#20
 cis-1,2-Dichloroethene
 Concen: 103.262 ug/L
 RT: 7.165 min Scan# 863
 Delta R.T. -0.006 min
 Lab File: VW025247.D
 Acq: 30 Jan 2023 11:44

Tgt Ion: 96 Resp: 618482
 Ion Ratio Lower Upper
 96 100
 61 128.9 90.2 167.4
 68 0.0 0.0 0.0

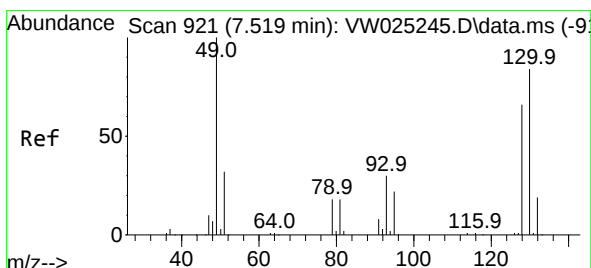
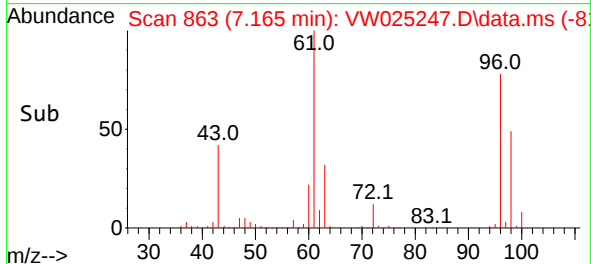
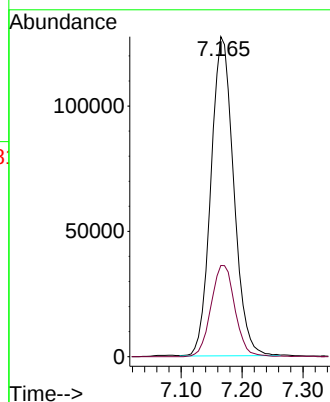
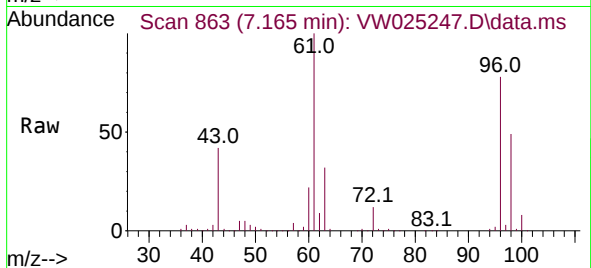




#22
2-Butanone
Concen: 209.068 ug/L
RT: 7.165 min Scan# 864
Delta R.T. -0.006 min
Lab File: VW025247.D
Acq: 30 Jan 2023 11:44

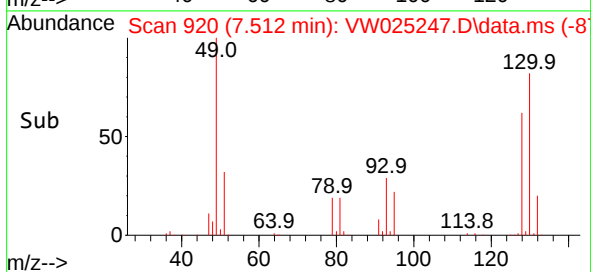
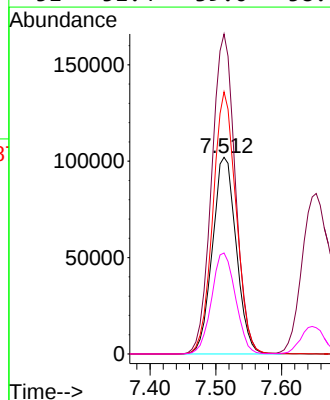
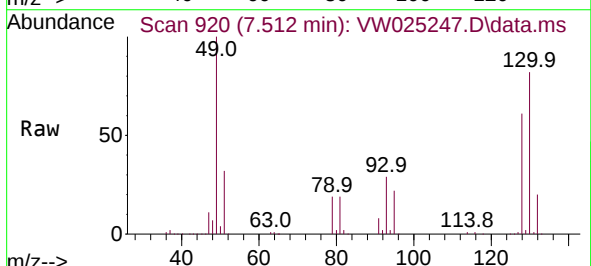
Instrument :
MSVOA_W
ClientSampleId :

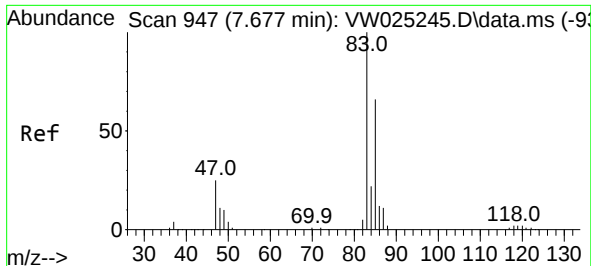
Tgt Ion: 43 Resp: 330819
Ion Ratio Lower Upper
43 100
72 30.0 14.4 43.2



#23
Bromochloromethane
Concen: 99.705 ug/L
RT: 7.512 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW025247.D
Acq: 30 Jan 2023 11:44

Tgt Ion:128 Resp: 256957
Ion Ratio Lower Upper
128 100
49 162.7 107.0 198.6
130 133.3 89.7 166.5
51 51.4 39.0 58.6

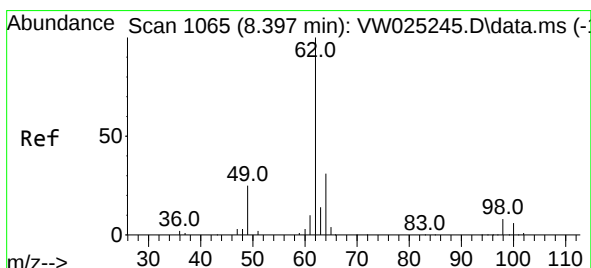
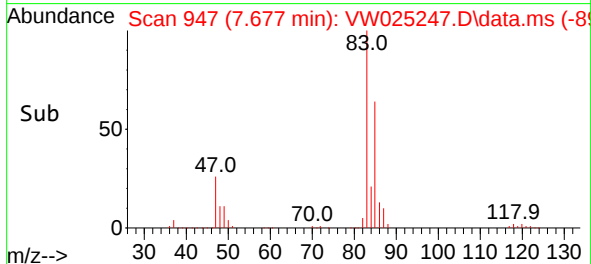
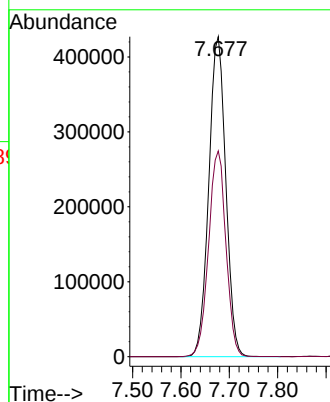
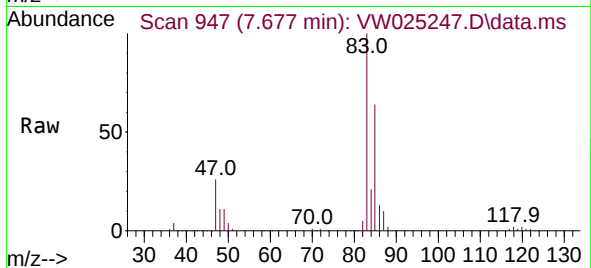




#25
Chloroform
Concen: 99.967 ug/L
RT: 7.677 min Scan# 94
Delta R.T. -0.000 min
Lab File: VW025247.D
Acq: 30 Jan 2023 11:44

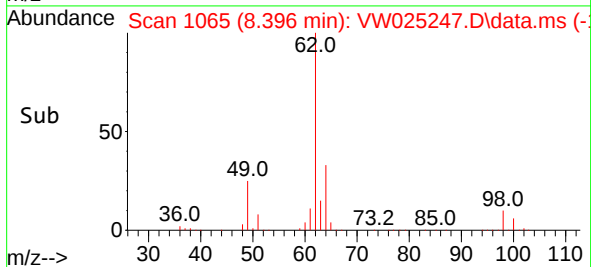
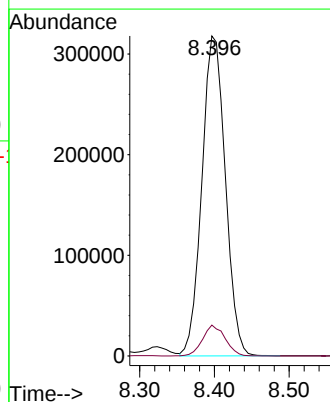
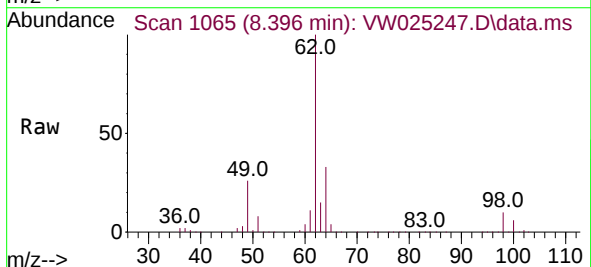
Instrument :
MSVOA_W
ClientSampleId :

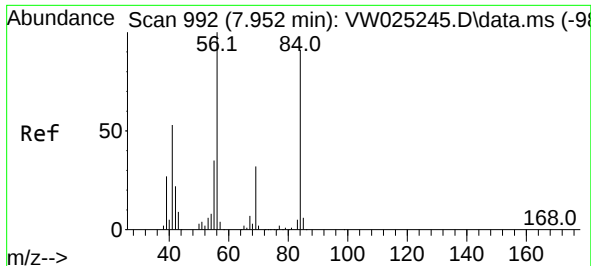
Tgt Ion: 83 Resp: 1041496
Ion Ratio Lower Upper
83 100
85 64.3 46.1 85.7



#27
1,2-Dichloroethane
Concen: 100.077 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VW025247.D
Acq: 30 Jan 2023 11:44

Tgt Ion: 62 Resp: 692813
Ion Ratio Lower Upper
62 100
98 9.7 6.8 10.2





#29

Cyclohexane

Concen: 103.843 ug/L

RT: 7.951 min Scan# 992

Delta R.T. -0.000 min

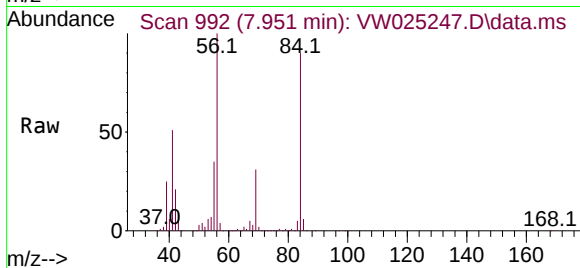
Lab File: VW025247.D

Acq: 30 Jan 2023 11:44

Instrument :

MSVOA_W

ClientSampleId :



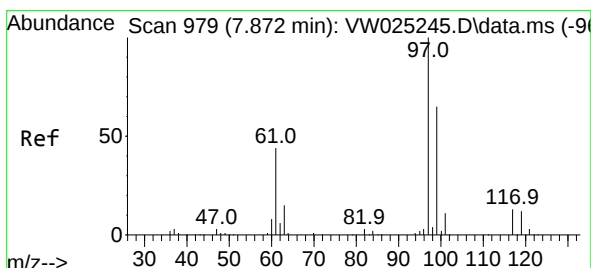
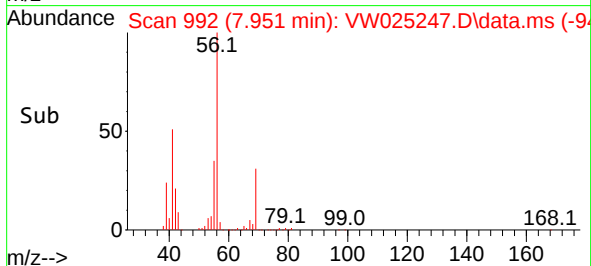
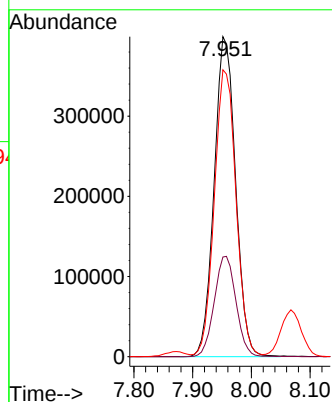
Tgt Ion: 56 Resp: 1010552

Ion Ratio Lower Upper

56 100

69 31.8 25.6 38.4

84 91.0 73.5 110.3



#30

1,1,1-Trichloroethane

Concen: 99.676 ug/L

RT: 7.872 min Scan# 979

Delta R.T. -0.000 min

Lab File: VW025247.D

Acq: 30 Jan 2023 11:44

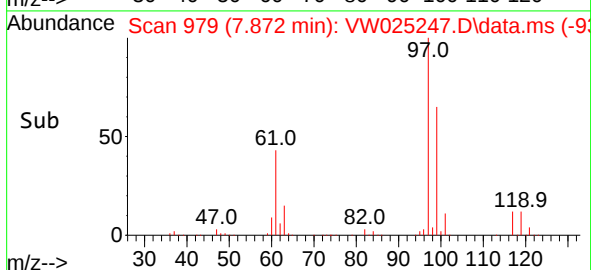
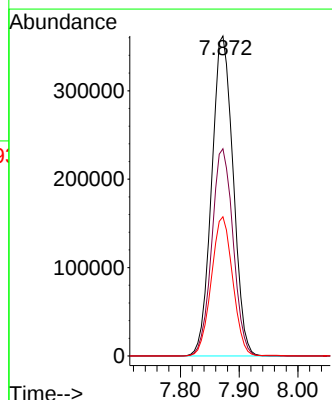
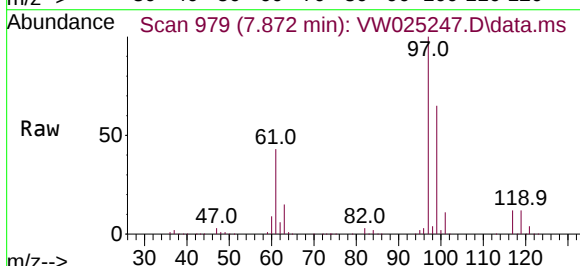
Tgt Ion: 97 Resp: 918584

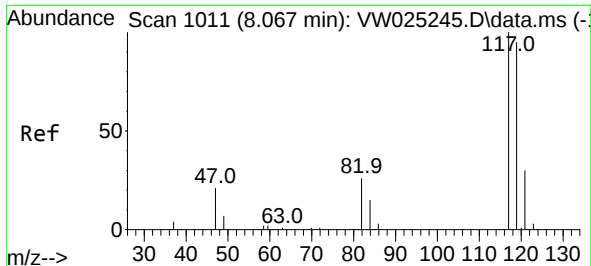
Ion Ratio Lower Upper

97 100

99 64.5 52.3 78.5

61 43.3 35.6 53.4

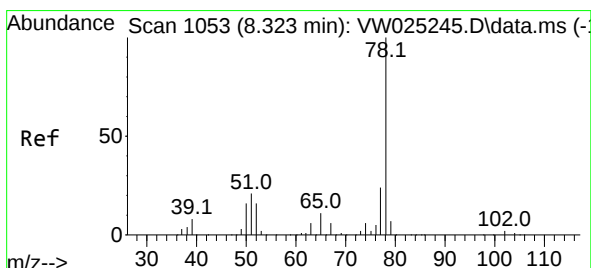
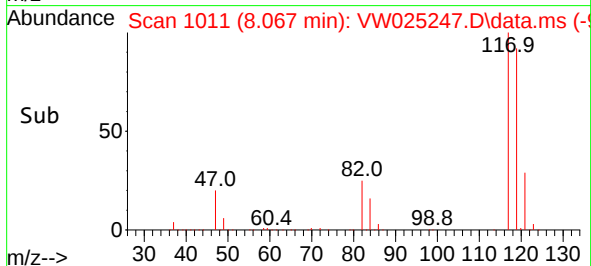
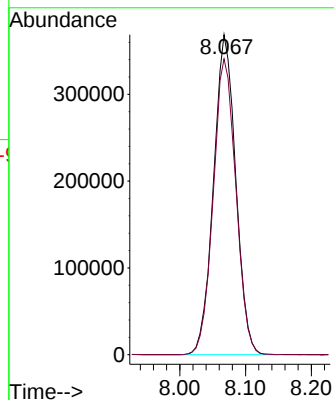
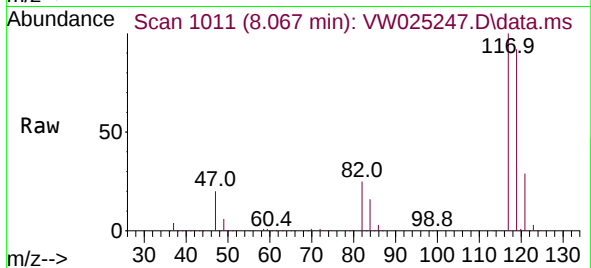




#31
Carbon tetrachloride
Concen: 99.947 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW025247.D
Acq: 30 Jan 2023 11:44

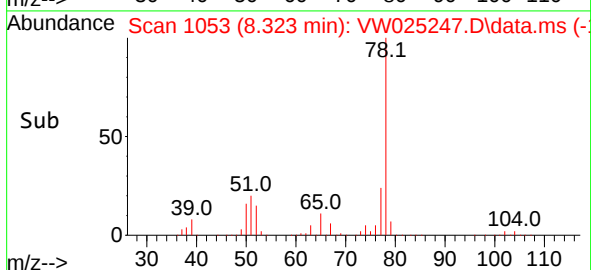
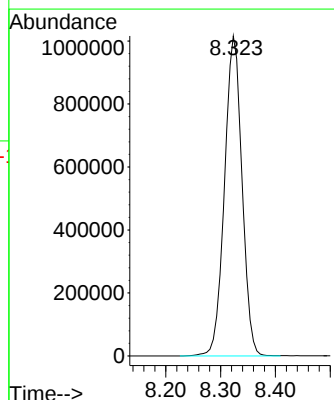
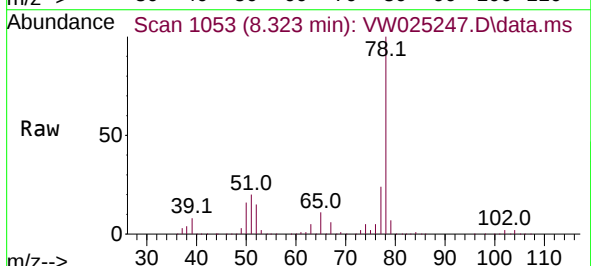
Instrument :
MSVOA_W
ClientSampleId :

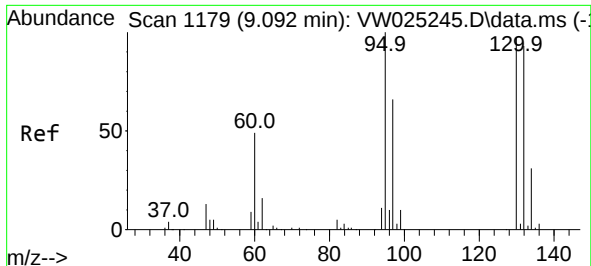
Tgt Ion:117 Resp: 866387
Ion Ratio Lower Upper
117 100
119 94.3 75.6 113.4



#33
Benzene
Concen: 96.929 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW025247.D
Acq: 30 Jan 2023 11:44

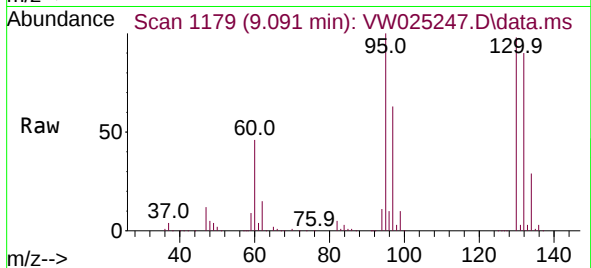
Tgt Ion: 78 Resp: 2257795



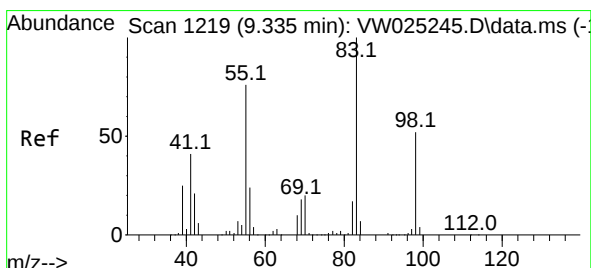
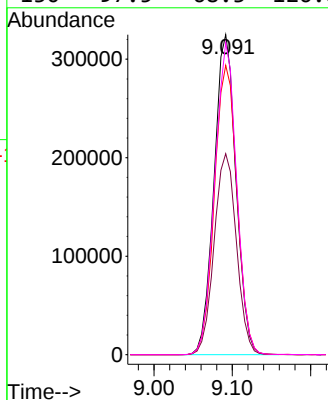
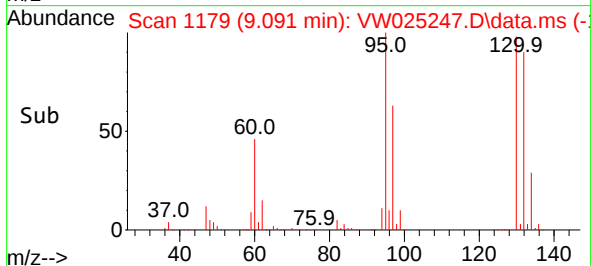


#34
Trichloroethene
Concen: 99.621 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW025247.D
Acq: 30 Jan 2023 11:44

Instrument :
MSVOA_W
ClientSampleId :

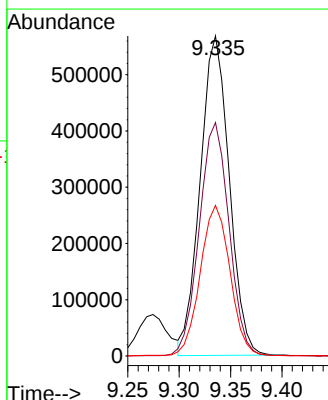
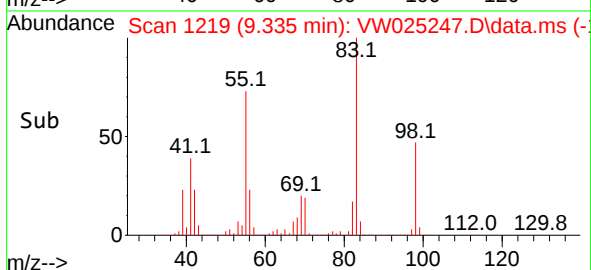
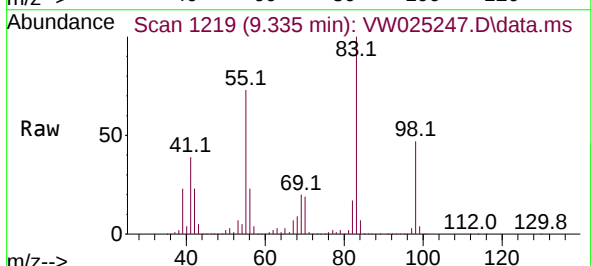


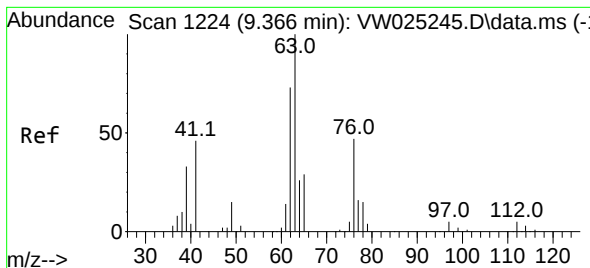
Tgt Ion: 95 Resp: 632135
Ion Ratio Lower Upper
95 100
97 62.8 46.5 86.3
132 90.4 65.4 121.4
130 97.5 68.3 126.8



#35
Methylcyclohexane
Concen: 101.190 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW025247.D
Acq: 30 Jan 2023 11:44

Tgt Ion: 83 Resp: 1115992
Ion Ratio Lower Upper
83 100
55 75.1 60.3 90.5
98 48.6 40.0 60.0

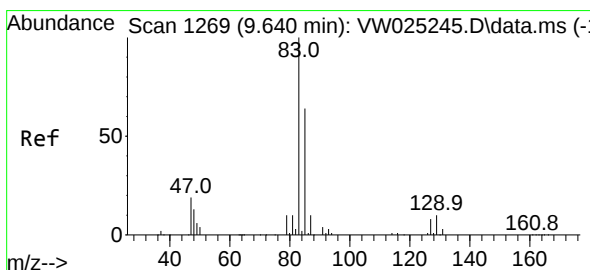
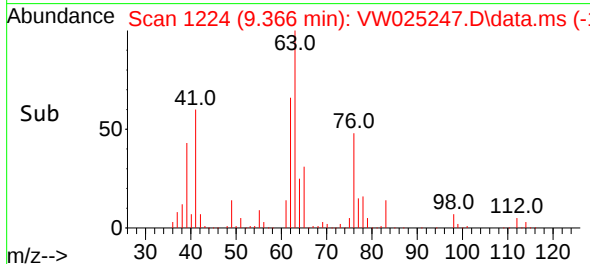
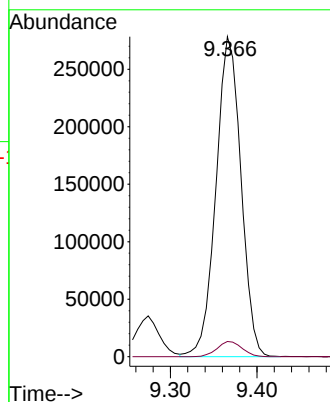
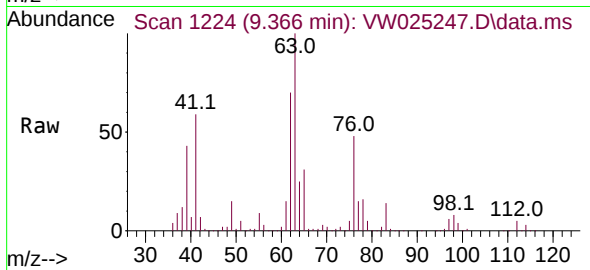




#37
1,2-Dichloropropane
Concen: 99.378 ug/L
RT: 9.366 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW025247.D
Acq: 30 Jan 2023 11:44

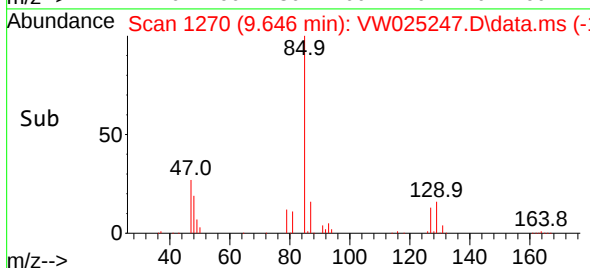
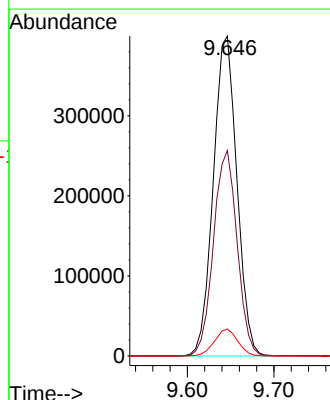
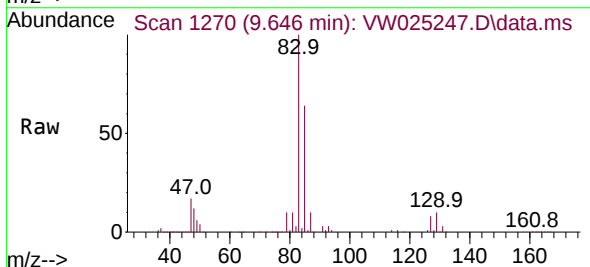
Instrument :
MSVOA_W
ClientSampleId :

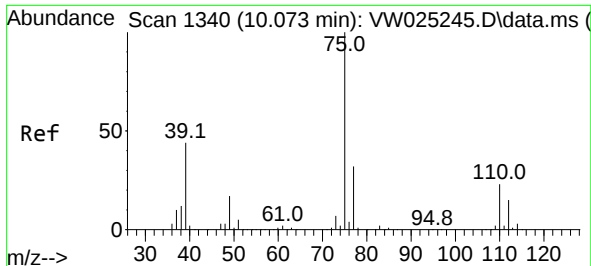
Tgt Ion: 63 Resp: 558298
Ion Ratio Lower Upper
63 100
112 4.8 3.8 5.8



#38
Bromodichloromethane
Concen: 100.555 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.006 min
Lab File: VW025247.D
Acq: 30 Jan 2023 11:44

Tgt Ion: 83 Resp: 756369
Ion Ratio Lower Upper
83 100
85 64.3 45.1 83.9
127 8.4 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 106.747 ug/L

RT: 10.073 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW025247.D

Acq: 30 Jan 2023 11:44

Instrument :

MSVOA_W

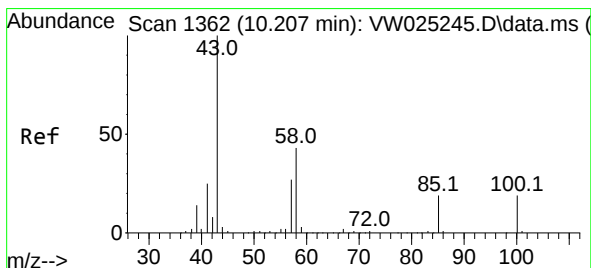
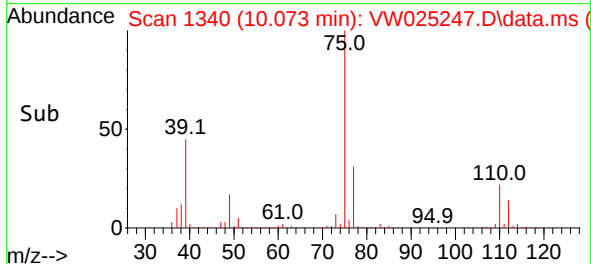
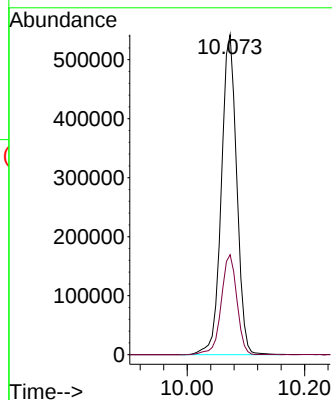
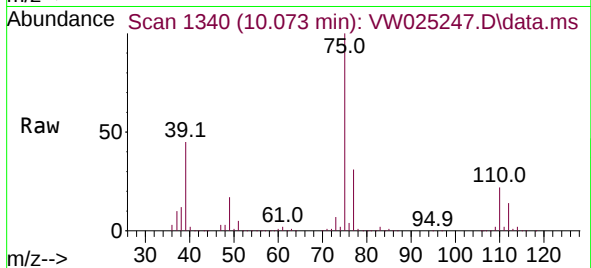
ClientSampleId :

Tgt Ion: 75 Resp: 986126

Ion Ratio Lower Upper

75 100

77 31.3 22.7 42.1



#40

4-Methyl-2-pentanone

Concen: 217.625 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW025247.D

Acq: 30 Jan 2023 11:44

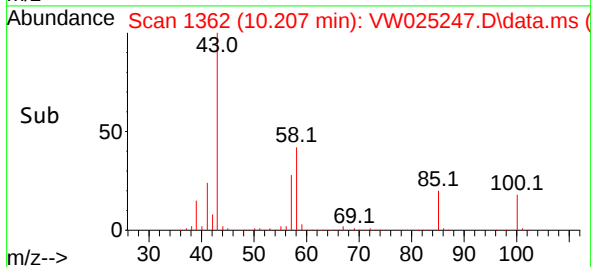
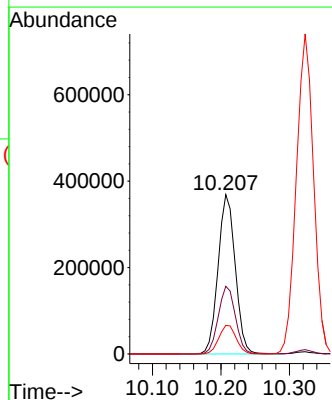
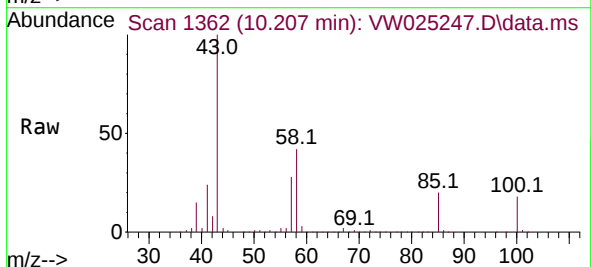
Tgt Ion: 43 Resp: 639070

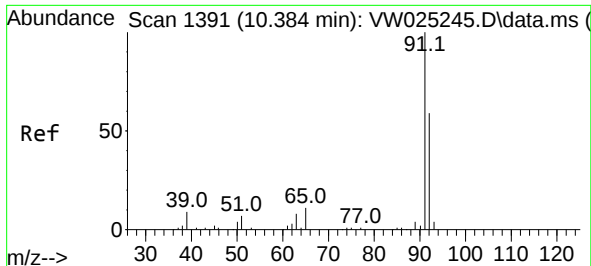
Ion Ratio Lower Upper

43 100

58 42.5 33.1 49.7

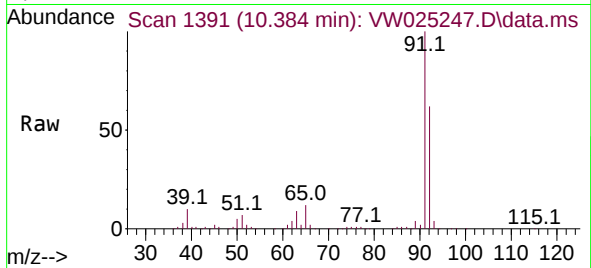
100 18.2 14.4 21.6



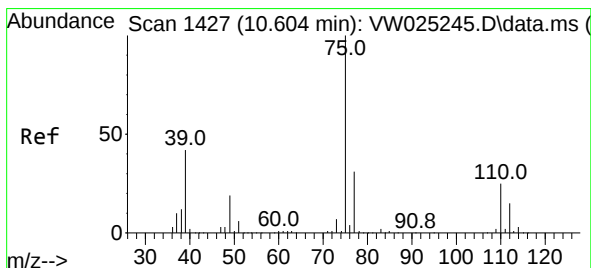
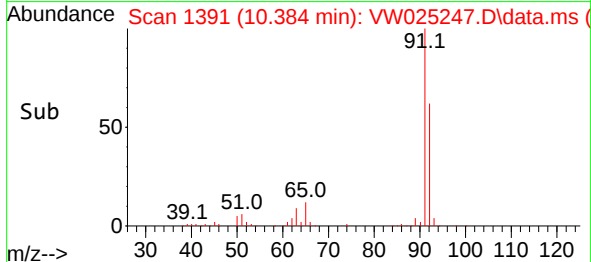
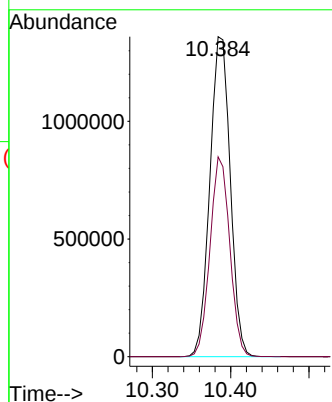


#42
Toluene
Concen: 99.725 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW025247.D
Acq: 30 Jan 2023 11:44

Instrument :
MSVOA_W
ClientSampleId :

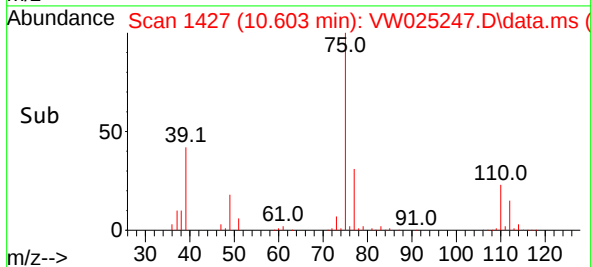
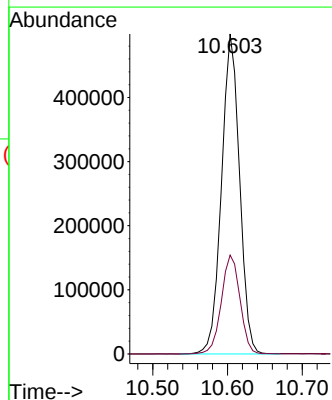
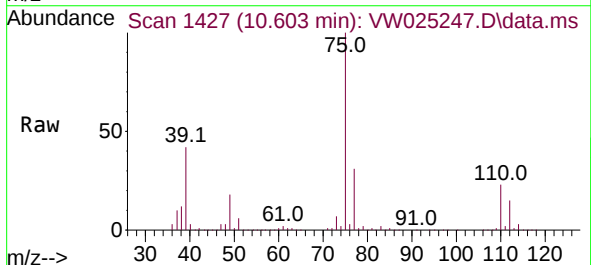


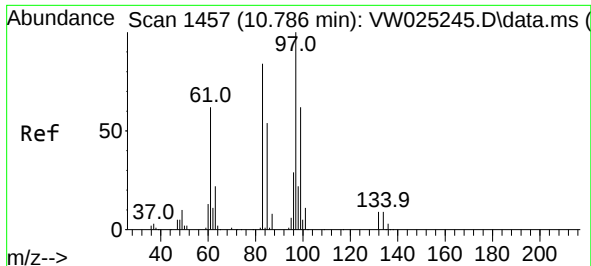
Tgt Ion: 91 Resp: 2454924
Ion Ratio Lower Upper
91 100
92 62.5 41.2 76.4



#44
trans-1,3-Dichloropropene
Concen: 108.010 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW025247.D
Acq: 30 Jan 2023 11:44

Tgt Ion: 75 Resp: 837438
Ion Ratio Lower Upper
75 100
77 30.9 21.9 40.7





#45

1,1,2-Trichloroethane

Concen: 100.459 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VW025247.D

Acq: 30 Jan 2023 11:44

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 424432

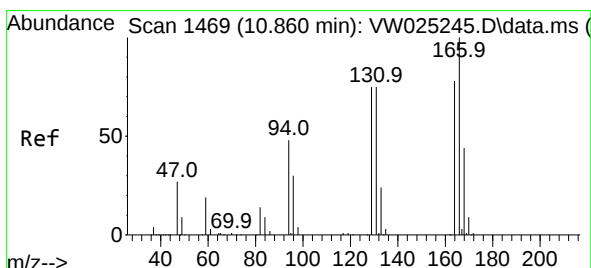
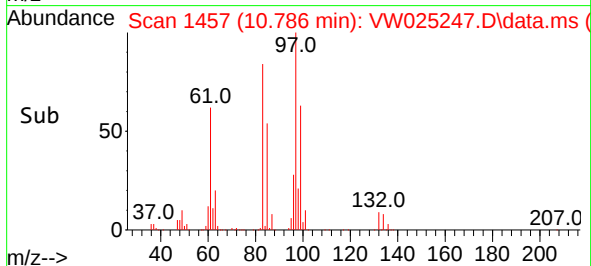
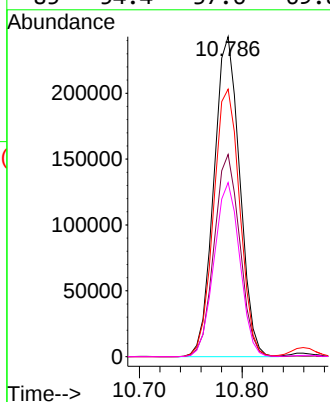
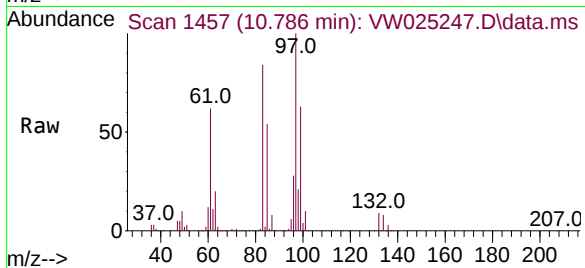
Ion Ratio Lower Upper

97 100

99 63.2 43.7 81.1

83 83.6 58.6 108.8

85 54.4 37.6 69.8



#46

Tetrachloroethene

Concen: 99.506 ug/L

RT: 10.859 min Scan# 1469

Delta R.T. -0.000 min

Lab File: VW025247.D

Acq: 30 Jan 2023 11:44

Tgt Ion:164 Resp: 465196

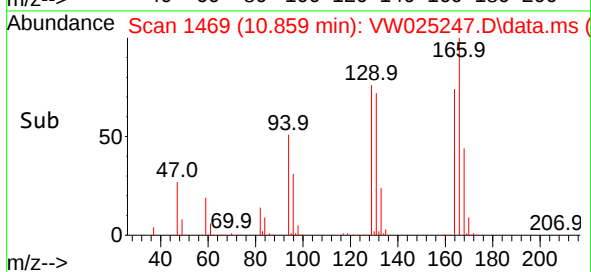
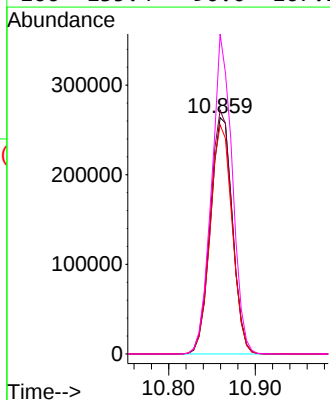
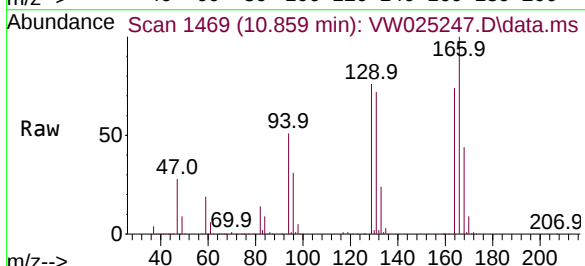
Ion Ratio Lower Upper

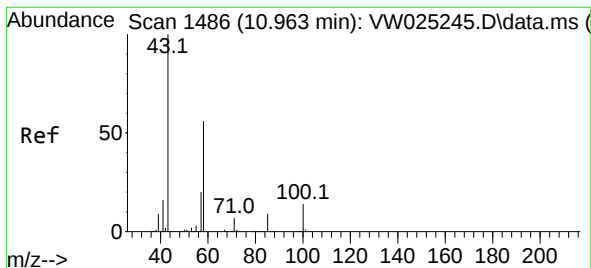
164 100

129 103.1 67.4 125.2

131 96.9 67.9 126.1

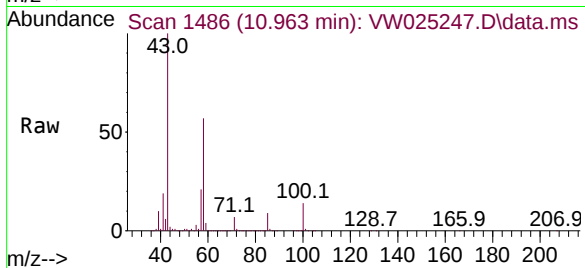
166 135.4 90.0 167.2



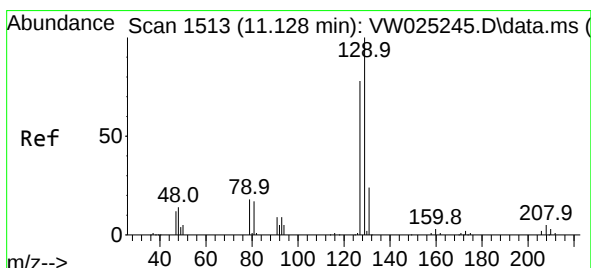
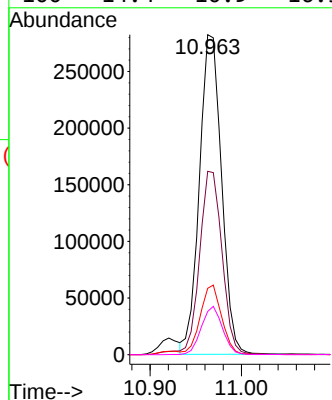
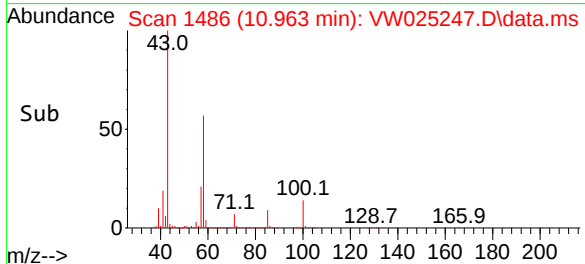


#48
2-Hexanone
Concen: 213.059 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VW025247.D
Acq: 30 Jan 2023 11:44

Instrument :
MSVOA_W
ClientSampleId :

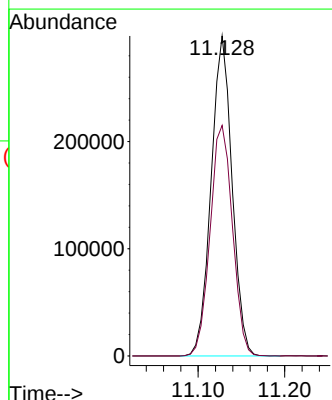
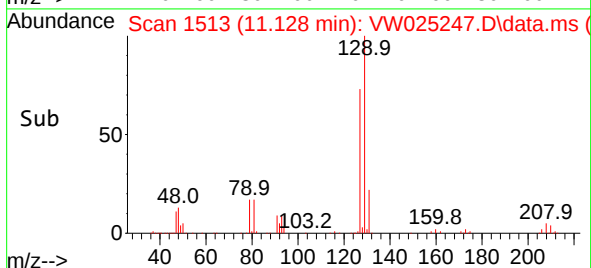
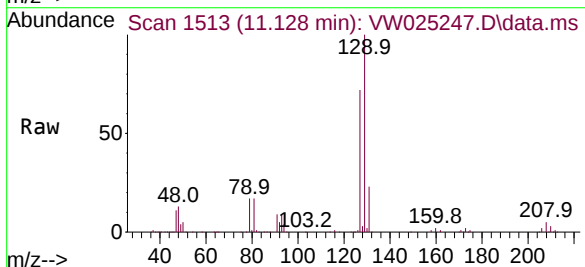


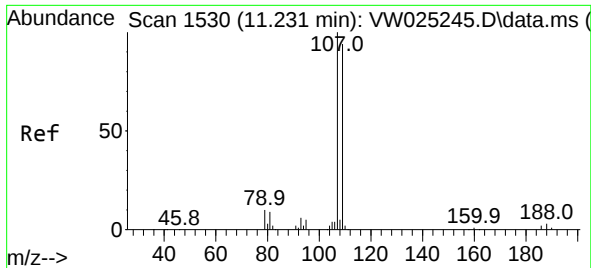
Tgt Ion: 43 Resp: 474365
Ion Ratio Lower Upper
43 100
58 59.0 45.6 68.4
57 21.2 16.6 24.8
100 14.4 10.9 16.3



#49
Dibromochloromethane
Concen: 104.287 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW025247.D
Acq: 30 Jan 2023 11:44

Tgt Ion:129 Resp: 501884
Ion Ratio Lower Upper
129 100
127 72.0 54.9 101.9





#50

1,2-Dibromoethane

Concen: 103.143 ug/L

RT: 11.231 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW025247.D

Acq: 30 Jan 2023 11:44

Instrument :

MSVOA_W

ClientSampleId :

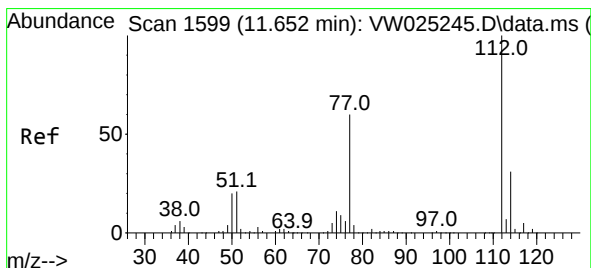
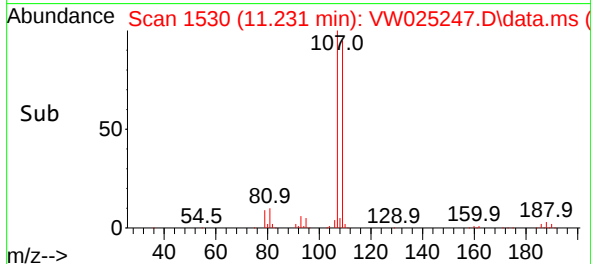
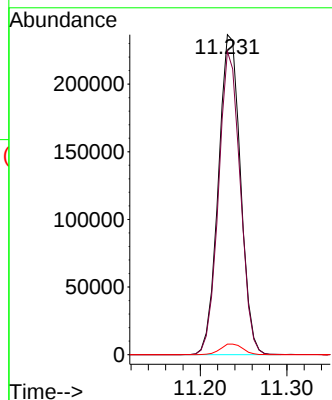
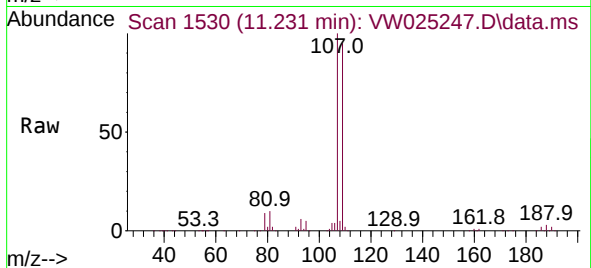
Tgt Ion:107 Resp: 419748

Ion Ratio Lower Upper

107 100

109 94.8 65.7 121.9

188 3.3 2.7 4.1



#51

Chlorobenzene

Concen: 100.980 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.006 min

Lab File: VW025247.D

Acq: 30 Jan 2023 11:44

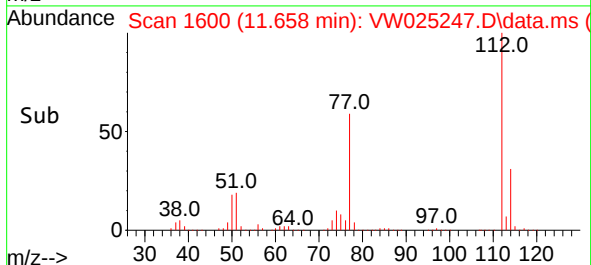
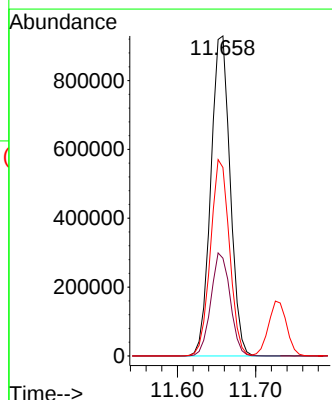
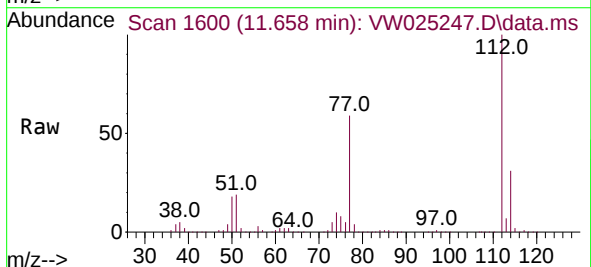
Tgt Ion:112 Resp: 1591423

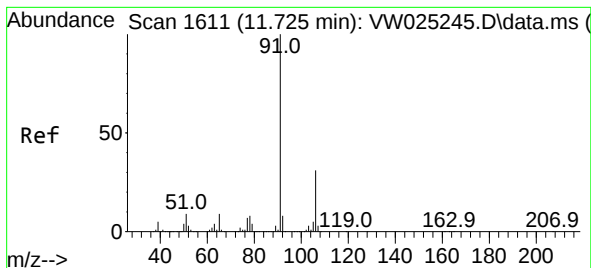
Ion Ratio Lower Upper

112 100

114 30.5 21.8 40.4

77 58.9 47.7 71.5





#52

Ethylbenzene

Concen: 101.801 ug/L

RT: 11.731 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW025247.D

Acq: 30 Jan 2023 11:44

Instrument :

MSVOA_W

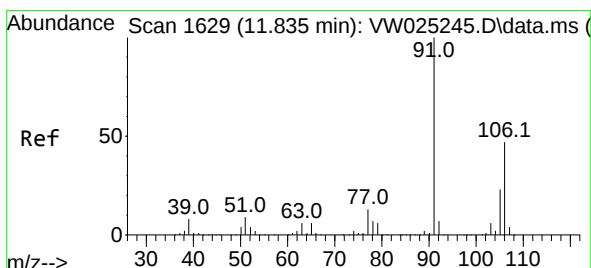
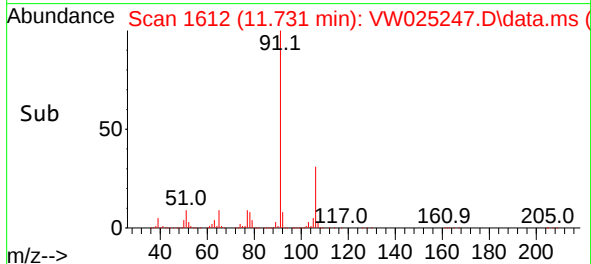
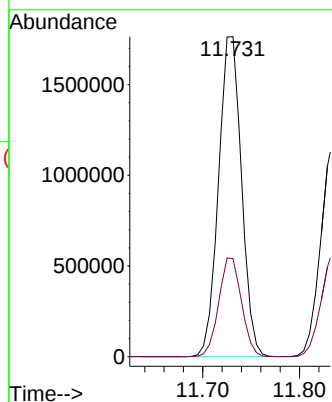
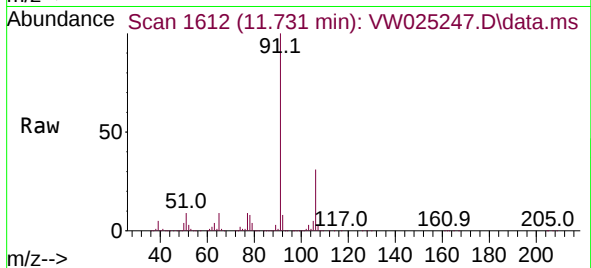
ClientSampleId :

Tgt Ion: 91 Resp: 2909069

Ion Ratio Lower Upper

91 100

106 30.7 21.9 40.7



#53

m,p-Xylene

Concen: 102.986 ug/L

RT: 11.835 min Scan# 1629

Delta R.T. -0.000 min

Lab File: VW025247.D

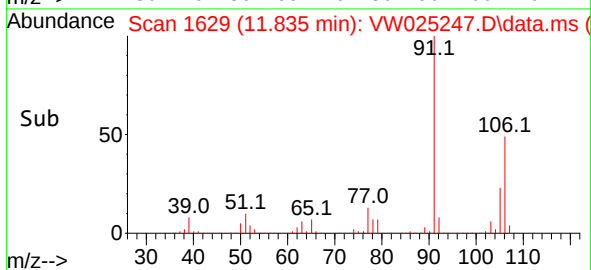
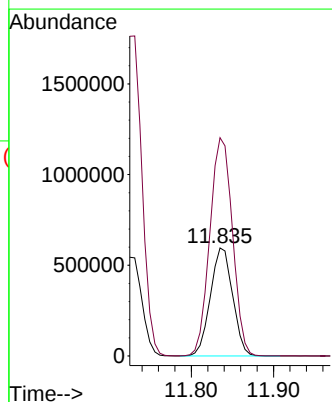
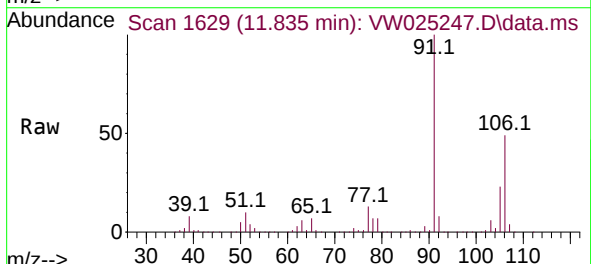
Acq: 30 Jan 2023 11:44

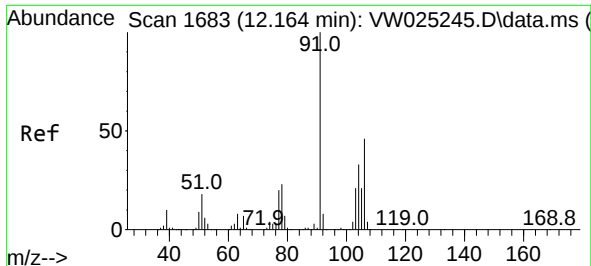
Tgt Ion:106 Resp: 1118414

Ion Ratio Lower Upper

106 100

91 202.1 148.1 275.0

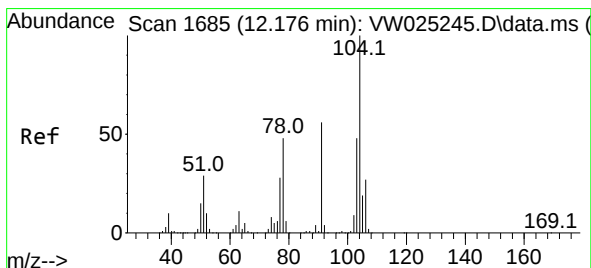
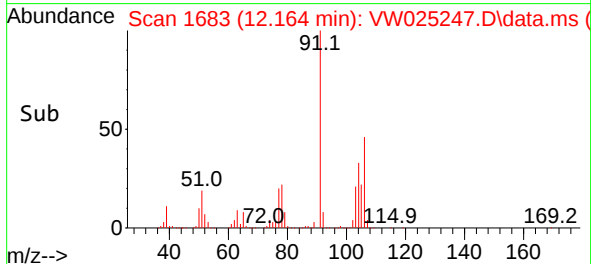
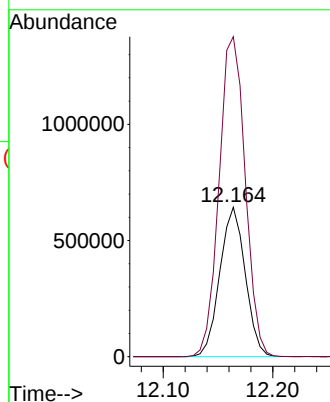
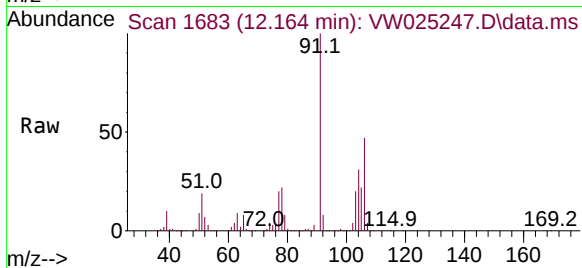




#54
o-Xylene
Concen: 101.665 ug/L
RT: 12.164 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW025247.D
Acq: 30 Jan 2023 11:44

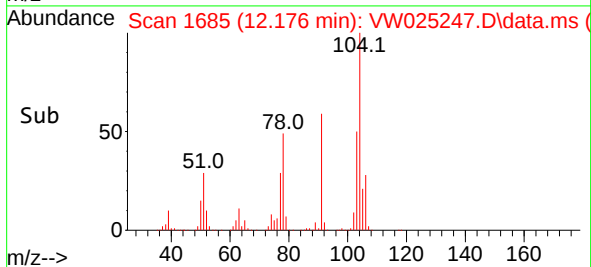
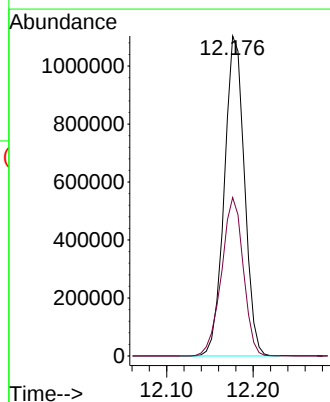
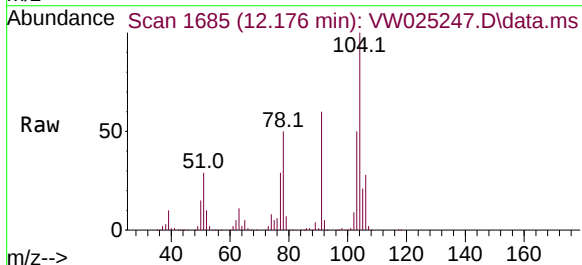
Instrument :
MSVOA_W
ClientSampleId :

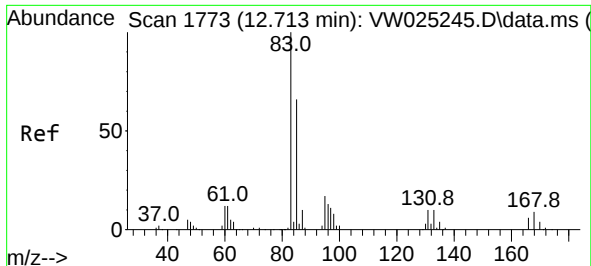
Tgt Ion:106 Resp: 1036492
Ion Ratio Lower Upper
106 100
91 214.2 153.6 285.2



#55
Styrene
Concen: 103.730 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW025247.D
Acq: 30 Jan 2023 11:44

Tgt Ion:104 Resp: 1780729
Ion Ratio Lower Upper
104 100
78 49.5 33.7 62.5





#57

1,1,2,2-Tetrachloroethane

Concen: 101.857 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

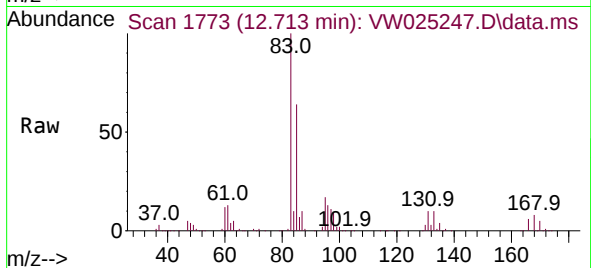
Lab File: VW025247.D

Acq: 30 Jan 2023 11:44

Instrument :

MSVOA_W

ClientSampleId :



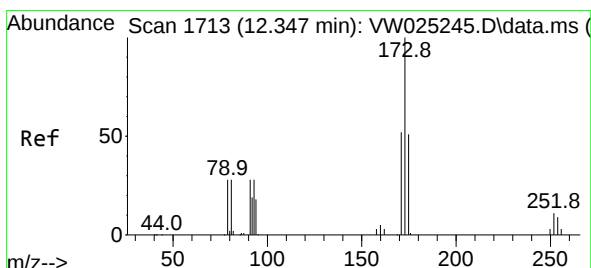
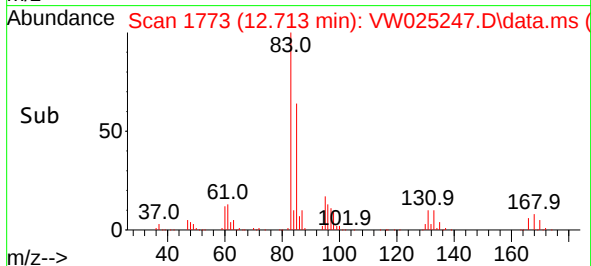
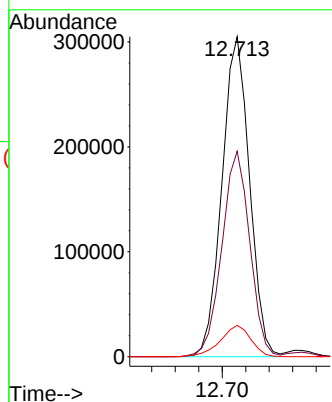
Tgt Ion: 83 Resp: 496975

Ion Ratio Lower Upper

83 100

85 64.2 46.3 86.1

131 9.8 8.0 12.0



#59

Bromoform

Concen: 104.412 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW025247.D

Acq: 30 Jan 2023 11:44

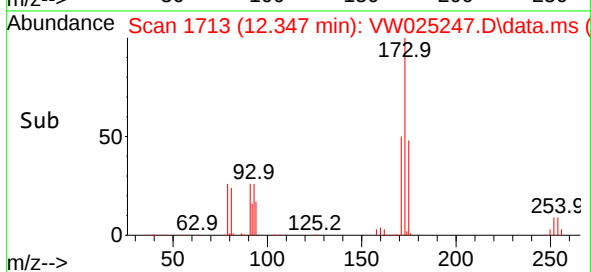
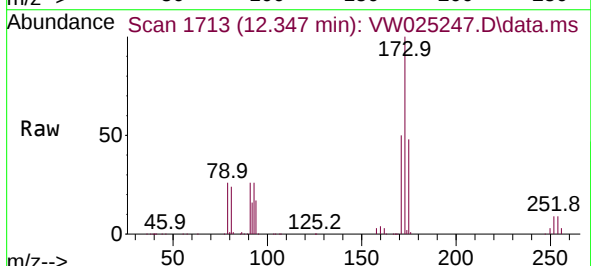
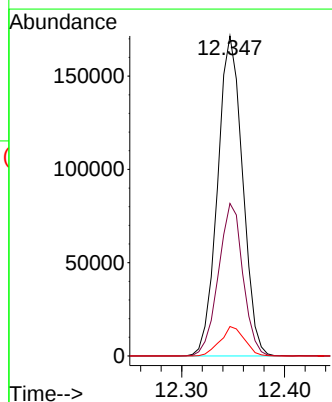
Tgt Ion:173 Resp: 289429

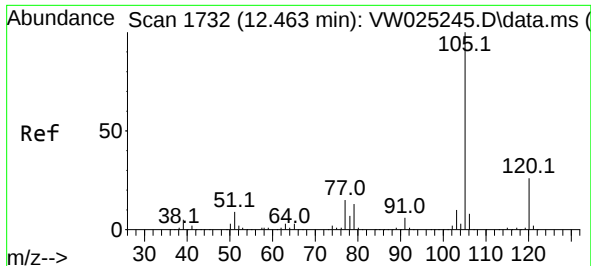
Ion Ratio Lower Upper

173 100

175 46.7 38.0 57.0

254 8.9 7.2 10.8

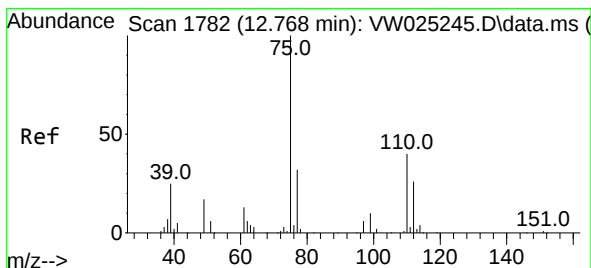
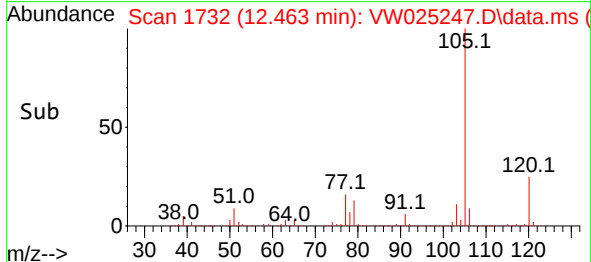
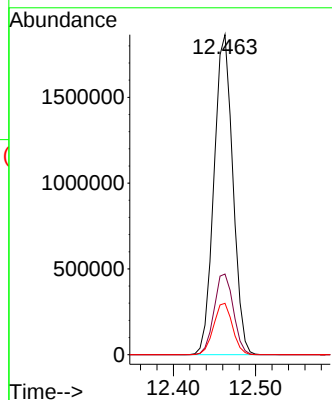
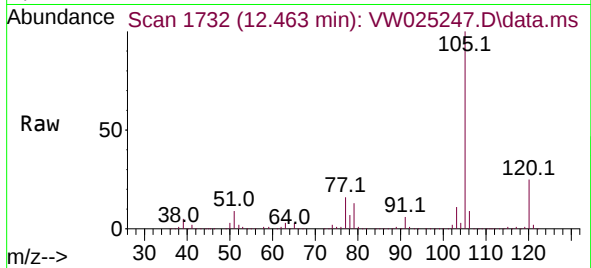




#60
Isopropylbenzene
Concen: 101.013 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW025247.D
Acq: 30 Jan 2023 11:44

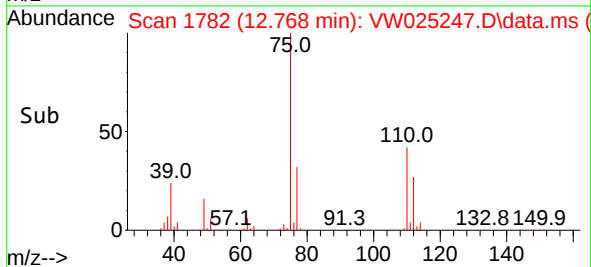
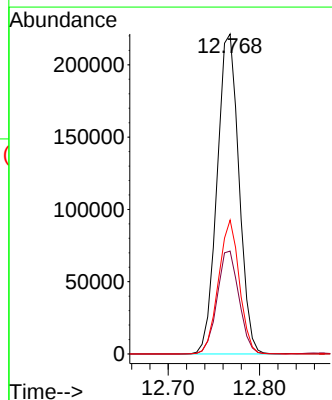
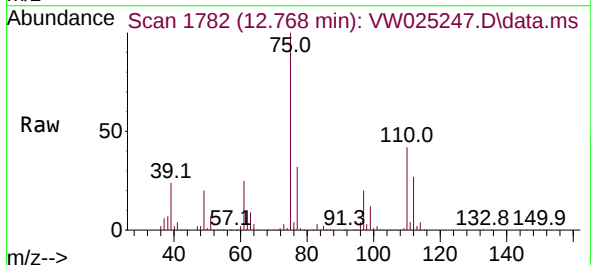
Instrument :
MSVOA_W
ClientSampleId :

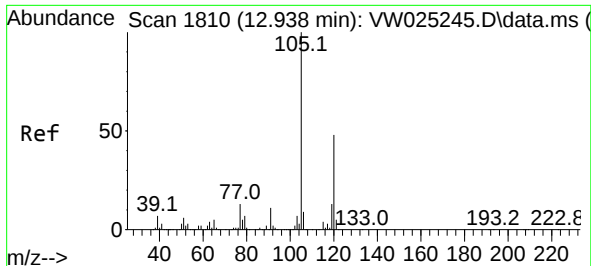
Tgt Ion:105 Resp: 2967442
Ion Ratio Lower Upper
105 100
120 25.8 20.5 30.7
77 16.1 12.3 18.5



#61
1,2,3-Trichloropropane
Concen: 99.653 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW025247.D
Acq: 30 Jan 2023 11:44

Tgt Ion: 75 Resp: 367851
Ion Ratio Lower Upper
75 100
77 32.2 26.5 39.7
110 39.9 32.3 48.5

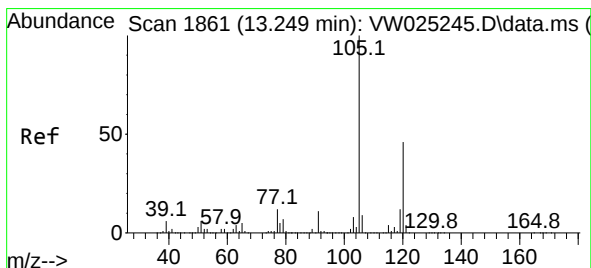
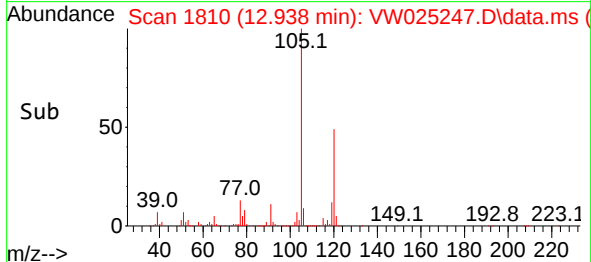
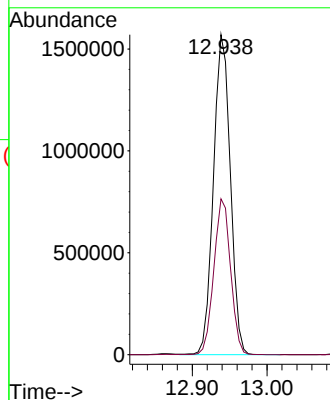
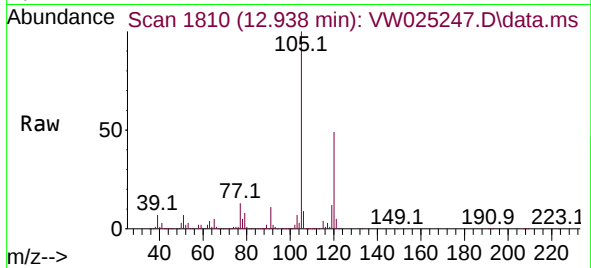




#62
 1,3,5-Trimethylbenzene
 Concen: 106.524 ug/L
 RT: 12.938 min Scan# 1810
 Delta R.T. -0.000 min
 Lab File: VW025247.D
 Acq: 30 Jan 2023 11:44

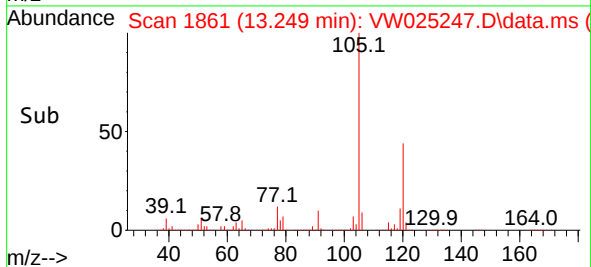
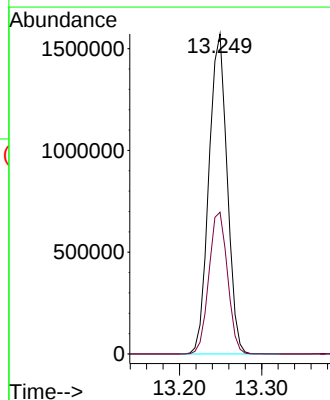
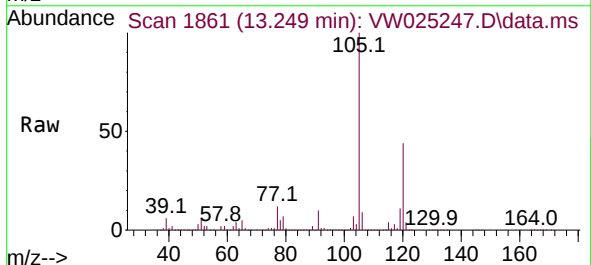
Instrument :
 MSVOA_W
 ClientSampleId :

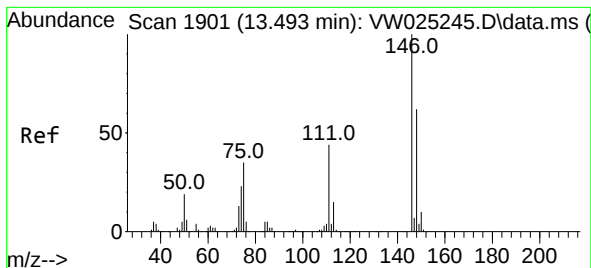
Tgt Ion:105 Resp: 2472833
 Ion Ratio Lower Upper
 105 100
 120 48.2 38.3 57.5



#63
 1,2,4-Trimethylbenzene
 Concen: 106.678 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. -0.000 min
 Lab File: VW025247.D
 Acq: 30 Jan 2023 11:44

Tgt Ion:105 Resp: 2423218
 Ion Ratio Lower Upper
 105 100
 120 45.1 35.1 52.7





#64

1,3-Dichlorobenzene

Concen: 101.671 ug/L

RT: 13.493 min Scan# 1901

Delta R.T. -0.000 min

Lab File: VW025247.D

Acq: 30 Jan 2023 11:44

Instrument :

MSVOA_W

ClientSampleId :

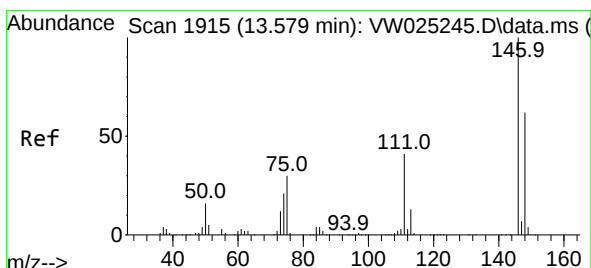
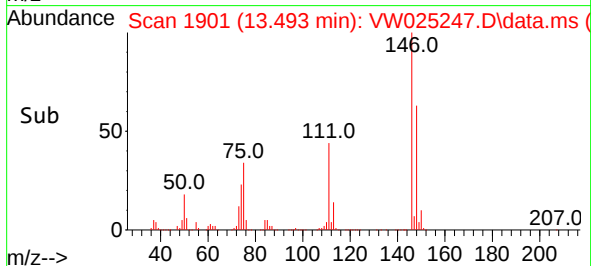
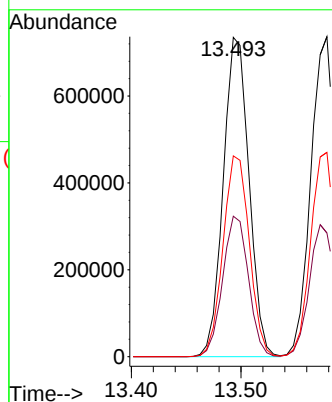
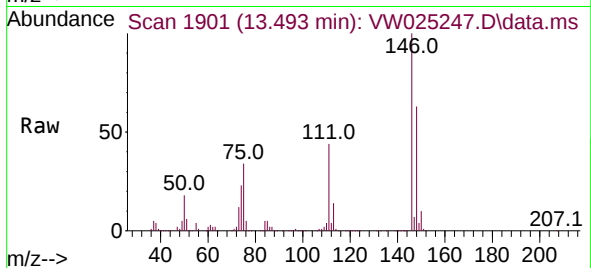
Tgt Ion:146 Resp: 1201084

Ion Ratio Lower Upper

146 100

111 44.0 30.4 56.5

148 62.9 43.7 81.1



#65

1,4-Dichlorobenzene

Concen: 101.264 ug/L

RT: 13.578 min Scan# 1915

Delta R.T. -0.000 min

Lab File: VW025247.D

Acq: 30 Jan 2023 11:44

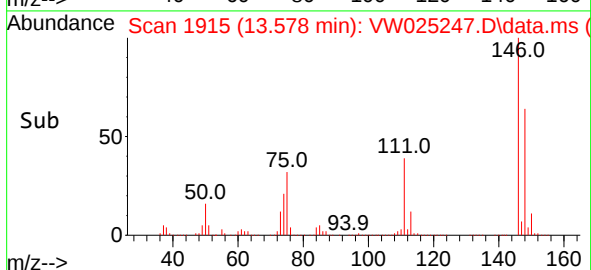
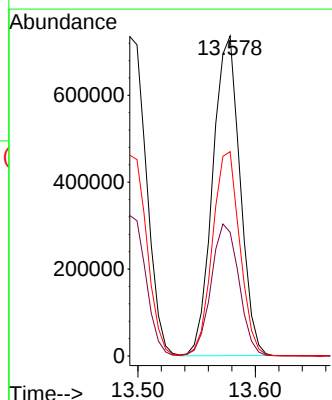
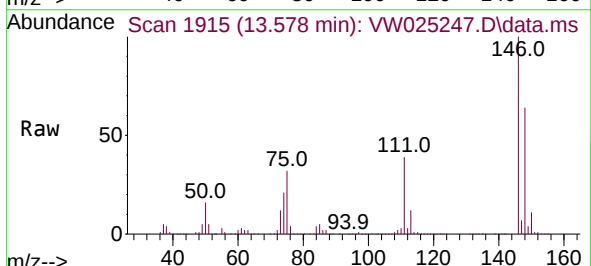
Tgt Ion:146 Resp: 1188621

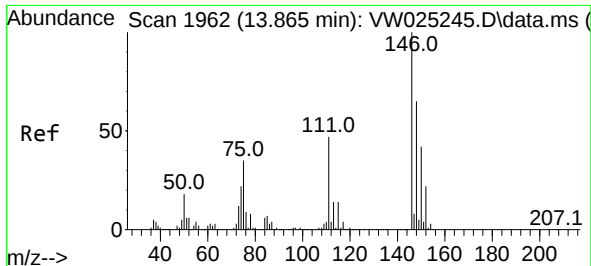
Ion Ratio Lower Upper

146 100

111 38.7 28.6 53.2

148 63.9 43.2 80.2





#67

1,2-Dichlorobenzene

Concen: 101.504 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW025247.D

Acq: 30 Jan 2023 11:44

Instrument :

MSVOA_W

ClientSampleId :

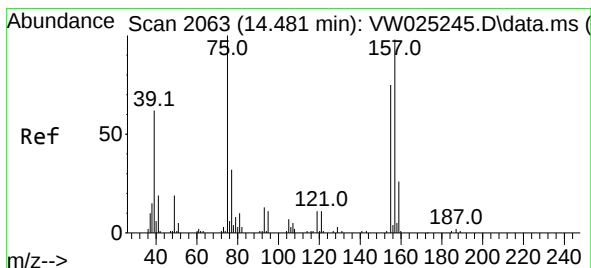
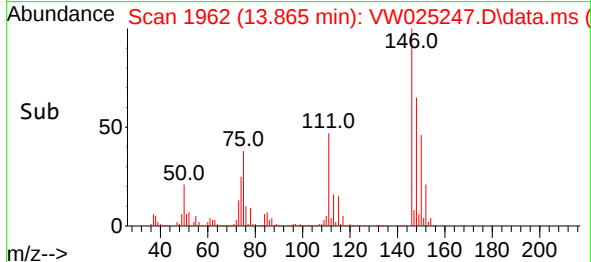
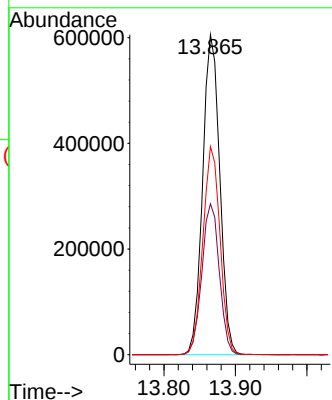
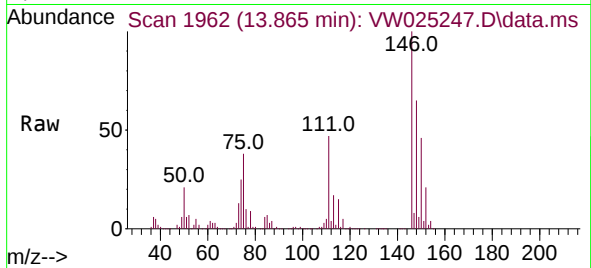
Tgt Ion:146 Resp: 1006438

Ion Ratio Lower Upper

146 100

111 47.2 37.8 56.6

148 65.0 52.4 78.6



#68

1,2-Dibromo-3-chloropropane

Concen: 103.068 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW025247.D

Acq: 30 Jan 2023 11:44

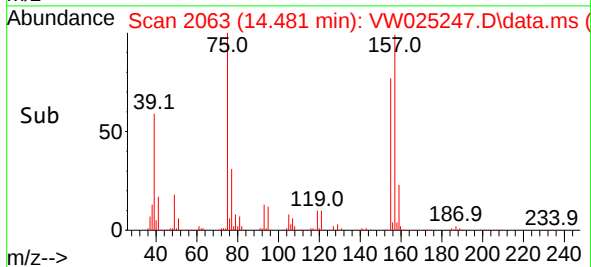
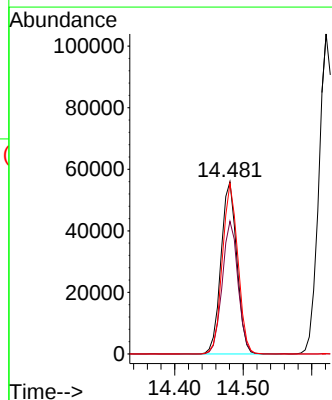
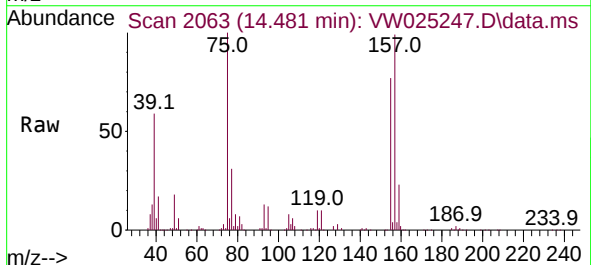
Tgt Ion: 75 Resp: 89428

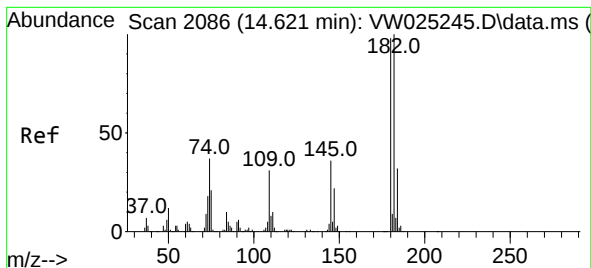
Ion Ratio Lower Upper

75 100

155 77.0 59.8 89.6

157 99.0 78.5 117.7





#69

1,3,5-Trichlorobenzene

Concen: 105.916 ug/L

RT: 14.627 min Scan# 2086

Delta R.T. 0.006 min

Lab File: VW025247.D

Acq: 30 Jan 2023 11:44

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 825603

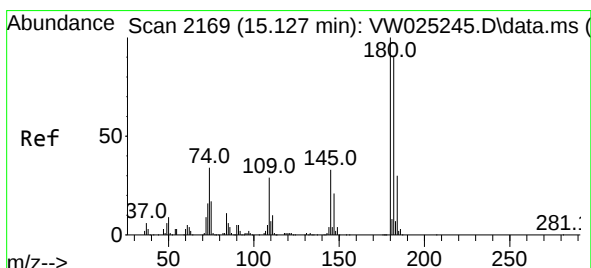
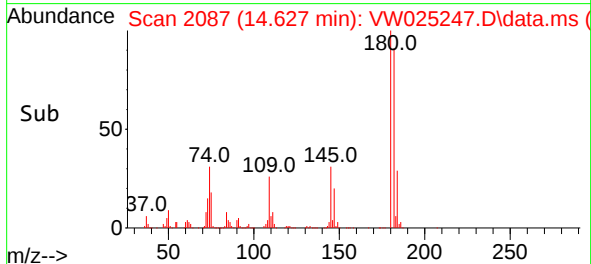
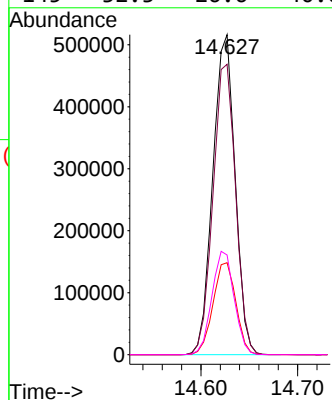
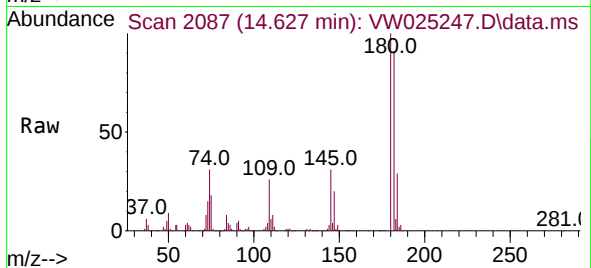
Ion Ratio Lower Upper

180 100

182 92.4 74.9 112.3

184 29.6 24.7 37.1

145 32.3 26.6 40.0



#70

1,2,4-trichlorobenzene

Concen: 110.867 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.000 min

Lab File: VW025247.D

Acq: 30 Jan 2023 11:44

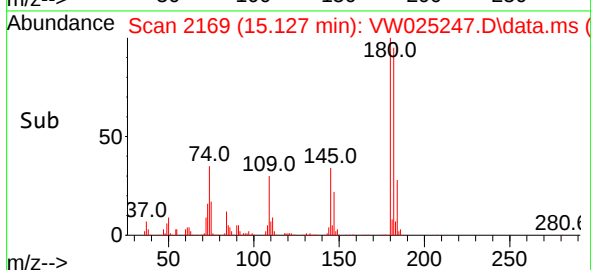
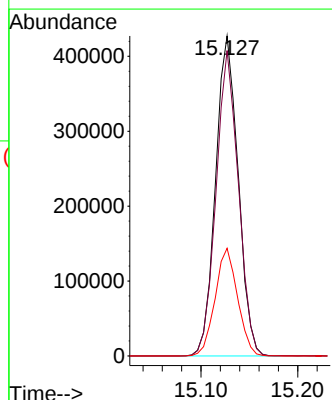
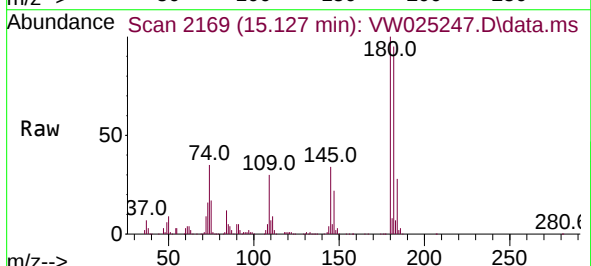
Tgt Ion:180 Resp: 692573

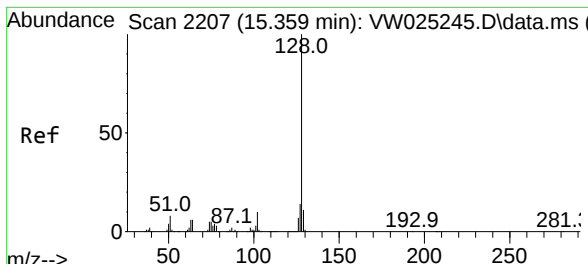
Ion Ratio Lower Upper

180 100

182 94.3 73.5 110.3

145 33.5 27.0 40.6



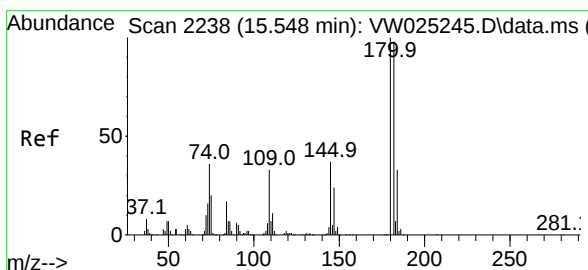
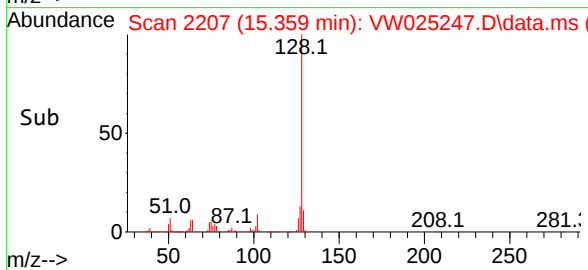
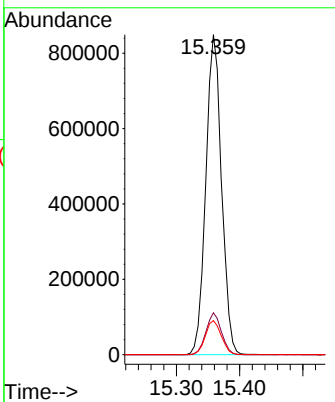
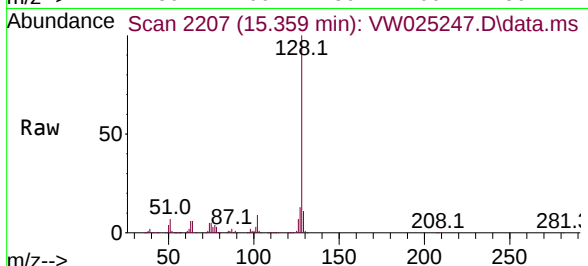


#71
Naphthalene
Concen: 116.082 ug/L
RT: 15.359 min Scan# 2207
Delta R.T. -0.000 min
Lab File: VW025247.D
Acq: 30 Jan 2023 11:44

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 1464124

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.5	15.7
129	10.8	8.6	13.0



#72
1,2,3-Trichlorobenzene
Concen: 102.870 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.000 min
Lab File: VW025247.D
Acq: 30 Jan 2023 11:44

Tgt Ion:180 Resp: 580581

Ion	Ratio	Lower	Upper
180	100		
182	92.5	78.1	117.1
145	36.3	29.5	44.3

