

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW013023\
 Data File : VW025244.D
 Acq On : 30 Jan 2023 10:32
 Operator : SY/MD
 Sample : VSTD00506
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 31 00:49:42 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	8.842	114	377748	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	338503	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	163807	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	21896	5.191	ug/L	0.00
7) Chloroethane-d5	2.879	69	13022	4.803	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	49934	5.043	ug/L	0.00
21) 2-Butanone-d5	7.086	46	11988	10.411	ug/L	0.01
24) Chloroform-d	7.647	84	51109	5.100	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	27297	5.085	ug/L	0.00
32) Benzene-d6	8.275	84	99703	4.967	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.275	67	29149	5.017	ug/L	0.00
41) Toluene-d8	10.323	98	93062	5.024	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	12625	4.935	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	9067	9.778	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.689	84	23019	5.143	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	26078	4.455	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.001	85	9428	4.016	ug/L	96
3) Chloromethane	2.209	50	21242	4.837	ug/L	96
5) Vinyl chloride	2.355	62	27120	4.902	ug/L	95
6) Bromomethane	2.770	94	14727	5.097	ug/L	89
8) Chloroethane	2.916	64	11698	4.703	ug/L	93
9) Trichlorofluoromethane	3.257	101	20587	4.885	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	27536	4.895	ug/L	98
12) 1,1-Dichloroethene	4.032	96	25570	4.849	ug/L	91
13) Acetone	4.123	43	11175	8.964	ug/L	78
14) Carbon disulfide	4.379	76	84518	4.860	ug/L	99
15) Methyl Acetate	4.672	43	10450	5.074	ug/L	100
16) Methylene chloride	4.903	84	14849	2.479	ug/L	90
17) trans-1,2-Dichloroethene	5.428	96	27268	4.960	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	38881	4.904	ug/L #	92
19) 1,1-Dichloroethane	6.214	63	47137	4.815	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	26856	4.673	ug/L	100
22) 2-Butanone	7.177	43	14166	9.330	ug/L	96
23) Bromochloromethane	7.513	128	12769	5.164	ug/L	93
25) Chloroform	7.677	83	48833	4.885	ug/L	97
27) 1,2-Dichloroethane	8.397	62	33916	5.106	ug/L	99
29) Cyclohexane	7.952	56	43718	4.711	ug/L	97
30) 1,1,1-Trichloroethane	7.872	97	43140	4.908	ug/L	99
31) Carbon tetrachloride	8.074	117	39709	4.803	ug/L	99
33) Benzene	8.323	78	109597	4.934	ug/L	100
34) Trichloroethene	9.092	95	29346	4.849	ug/L	95
35) Methylcyclohexane	9.335	83	51100	4.858	ug/L	99
37) 1,2-Dichloropropane	9.366	63	26417	4.931	ug/L #	94
38) Bromodichloromethane	9.646	83	34067	4.749	ug/L	95
39) cis-1,3-Dichloropropene	10.067	75	40189	4.562	ug/L	94
40) 4-Methyl-2-pentanone	10.213	43	27361	9.770	ug/L	97
42) Toluene	10.384	91	116069	4.944	ug/L	100
44) trans-1,3-Dichloropropene	10.610	75	34501	4.666	ug/L	96

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 ALS Vial : 1 Sample Multiplier: 1

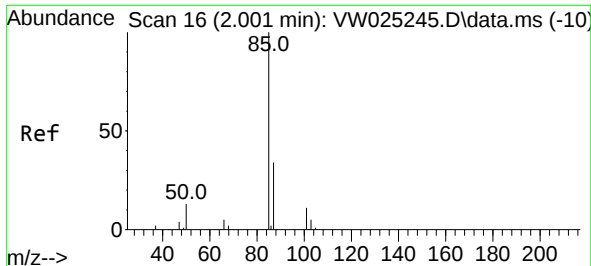
Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 31 00:49:42 2023
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 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)

45) 1,1,2-Trichloroethane	10.786	97	20126	4.995	ug/L	97
46) Tetrachloroethene	10.860	164	21709	4.869	ug/L	95
48) 2-Hexanone	10.969	43	20327	9.573	ug/L	96
49) Dibromochloromethane	11.122	129	21644	4.716	ug/L	97
50) 1,2-Dibromoethane	11.231	107	19113	4.925	ug/L	99
51) Chlorobenzene	11.652	112	72514	4.825	ug/L	96
52) Ethylbenzene	11.725	91	129409	4.748	ug/L	99
53) m,p-Xylene	11.835	106	48993	4.730	ug/L	95
54) o-Xylene	12.164	106	45142	4.643	ug/L	97
55) Styrene	12.176	104	76557	4.676	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	23299	5.007	ug/L	92
59) Bromoform	12.347	173	12213	4.511	ug/L	98
60) Isopropylbenzene	12.463	105	127889	4.457	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	17323	4.805	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	104096	4.591	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	101280	4.565	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	54609	4.733	ug/L	100
65) 1,4-Dichlorobenzene	13.579	146	57373	5.004	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	39430	4.071	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	3472	4.097	ug/L #	87
69) 1,3,5-Trichlorobenzene	14.627	180	31691	4.162	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	23502	3.852	ug/L	96
71) Naphthalene	15.359	128	47670	3.870	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	23788	4.315	ug/L	96

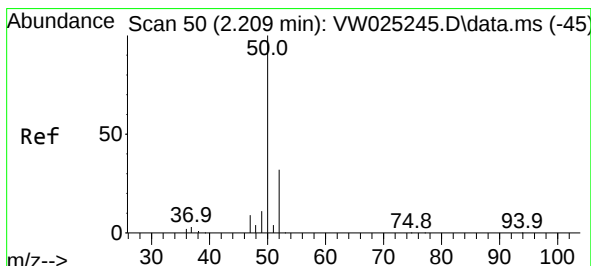
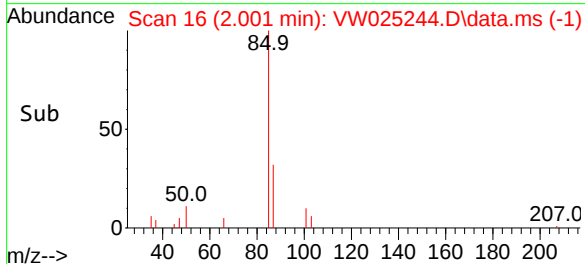
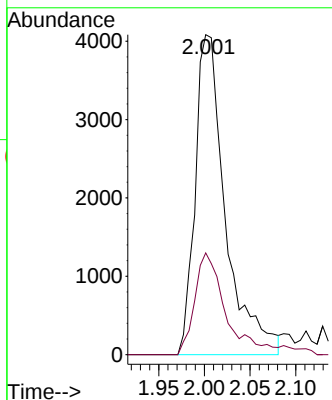
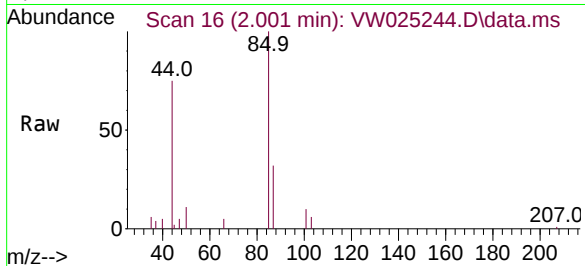
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 4.016 ug/L
 RT: 2.001 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VW025244.D
 Acq: 30 Jan 2023 10:32

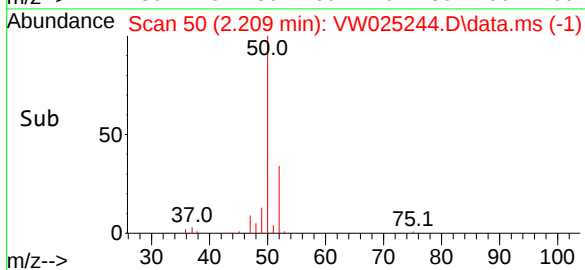
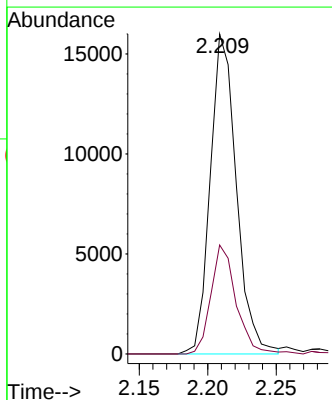
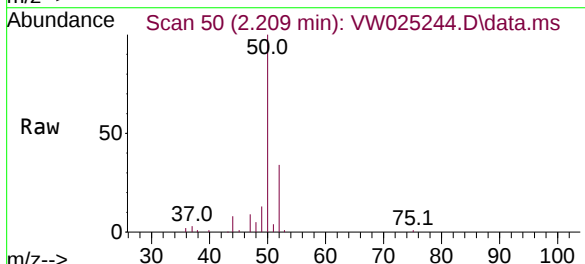
Instrument :
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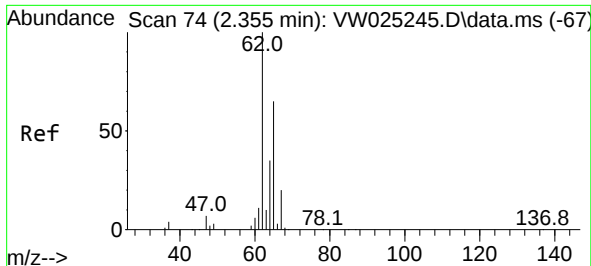
Tgt Ion: 85 Resp: 9428
 Ion Ratio Lower Upper
 85 100
 87 28.4 24.6 37.0



#3
 Chloromethane
 Concen: 4.837 ug/L
 RT: 2.209 min Scan# 50
 Delta R.T. 0.000 min
 Lab File: VW025244.D
 Acq: 30 Jan 2023 10:32

Tgt Ion: 50 Resp: 21242
 Ion Ratio Lower Upper
 50 100
 52 34.1 22.3 41.3

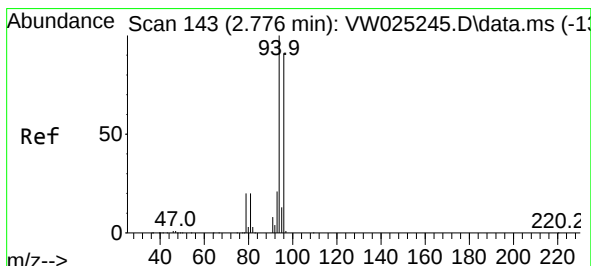
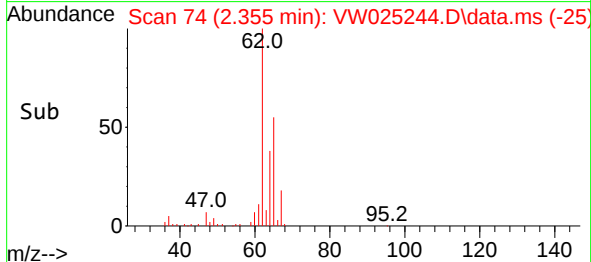
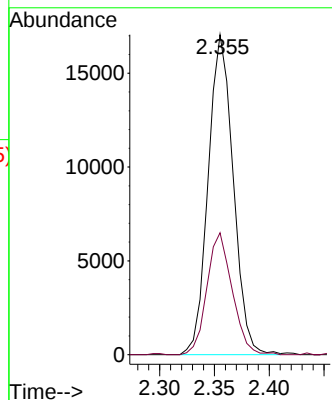
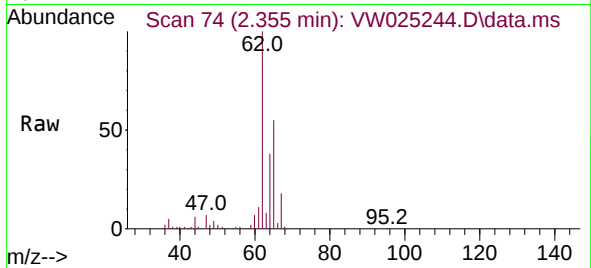




#5
 Vinyl chloride
 Concen: 4.902 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. 0.000 min
 Lab File: VW025244.D
 Acq: 30 Jan 2023 10:32

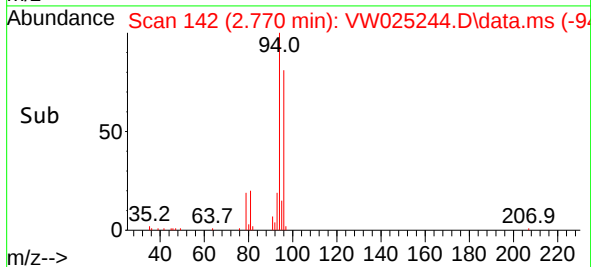
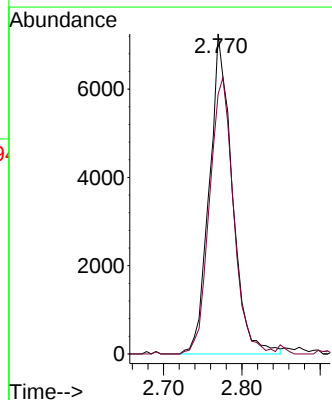
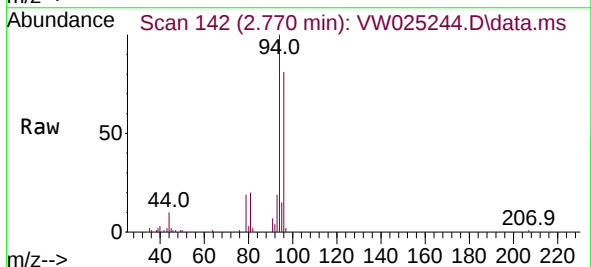
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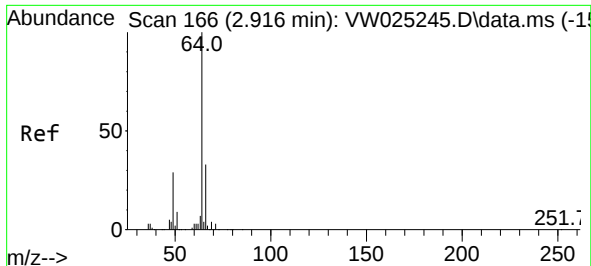
Tgt Ion: 62 Resp: 27120
 Ion Ratio Lower Upper
 62 100
 64 38.1 24.7 45.9



#6
 Bromomethane
 Concen: 5.097 ug/L
 RT: 2.770 min Scan# 142
 Delta R.T. -0.006 min
 Lab File: VW025244.D
 Acq: 30 Jan 2023 10:32

Tgt Ion: 94 Resp: 14727
 Ion Ratio Lower Upper
 94 100
 96 81.2 64.0 118.8

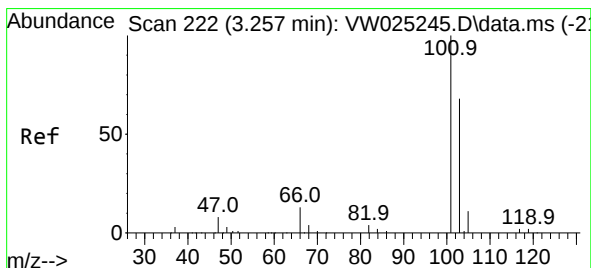
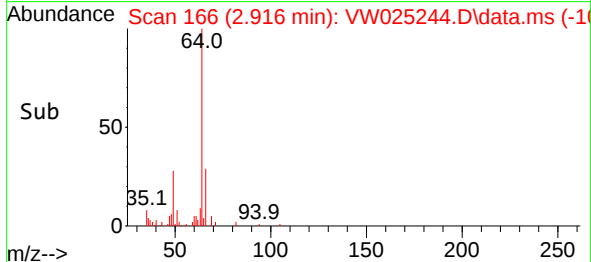
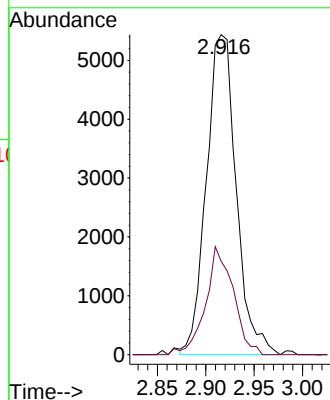
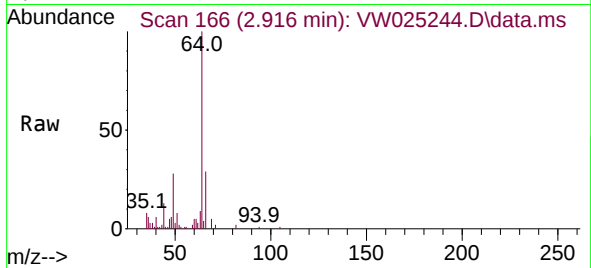




#8
Chloroethane
Concen: 4.703 ug/L
RT: 2.916 min Scan# 166
Delta R.T. 0.000 min
Lab File: VW025244.D
Acq: 30 Jan 2023 10:32

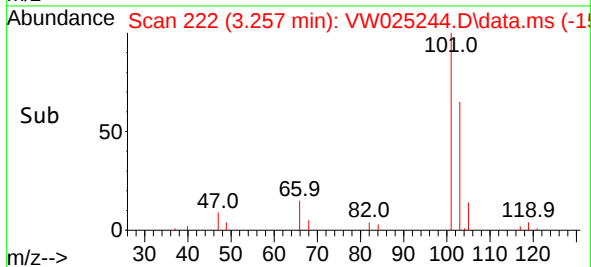
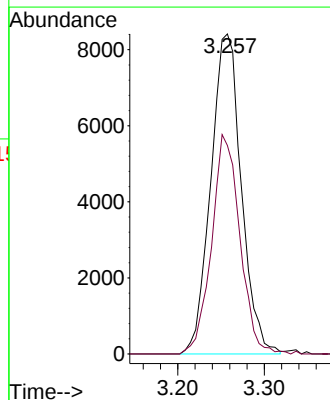
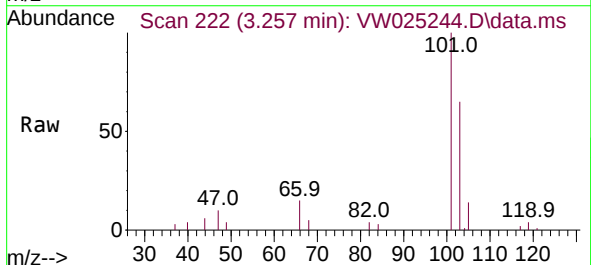
Instrument :
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ClientSampleId :

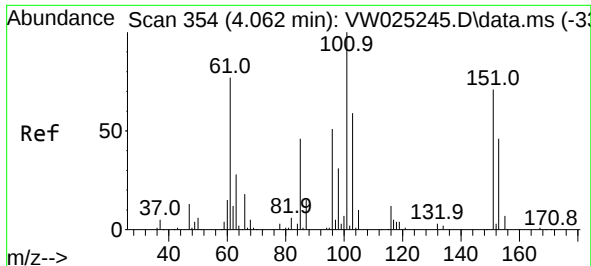
Tgt Ion: 64 Resp: 11698
Ion Ratio Lower Upper
64 100
66 29.2 23.0 42.8



#9
Trichlorofluoromethane
Concen: 4.885 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.000 min
Lab File: VW025244.D
Acq: 30 Jan 2023 10:32

Tgt Ion: 101 Resp: 20587
Ion Ratio Lower Upper
101 100
103 63.3 51.4 77.2

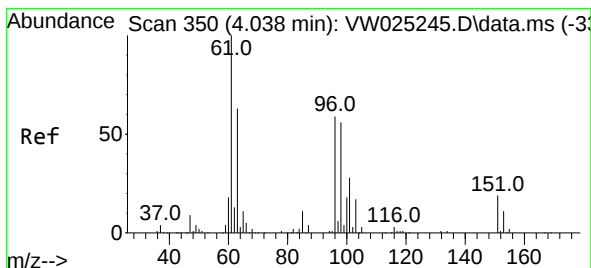
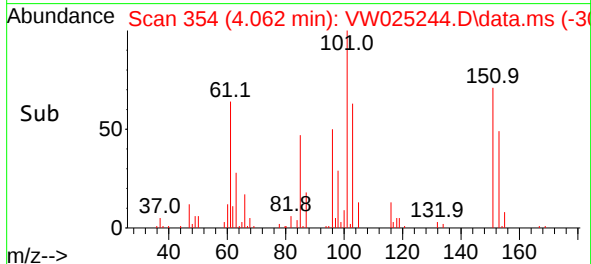
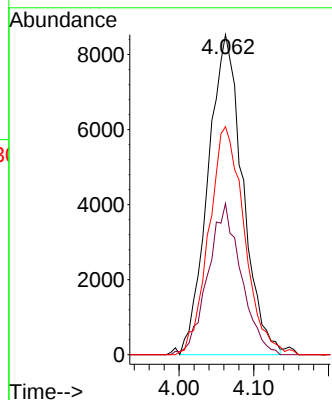
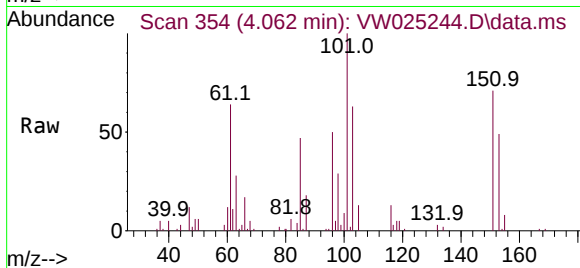




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.895 ug/L
 RT: 4.062 min Scan# 310
 Delta R.T. 0.000 min
 Lab File: VW025244.D
 Acq: 30 Jan 2023 10:32

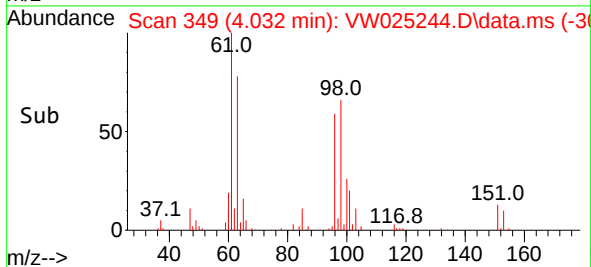
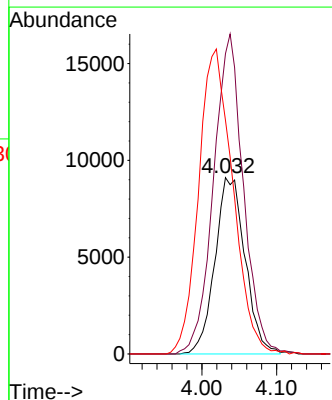
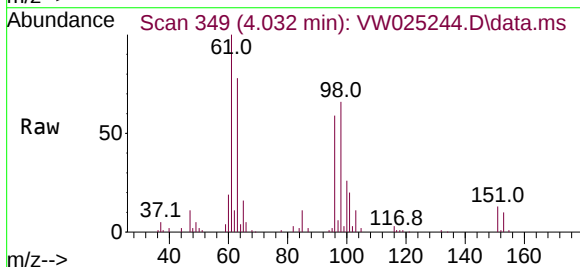
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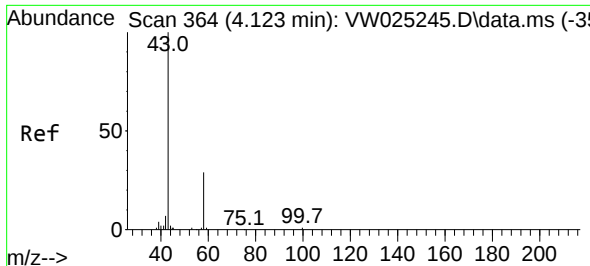
Tgt Ion:101 Resp: 27536
 Ion Ratio Lower Upper
 101 100
 85 45.1 35.7 53.5
 151 72.5 56.4 84.6



#12
 1,1-Dichloroethene
 Concen: 4.849 ug/L
 RT: 4.032 min Scan# 349
 Delta R.T. -0.006 min
 Lab File: VW025244.D
 Acq: 30 Jan 2023 10:32

Tgt Ion: 96 Resp: 25570
 Ion Ratio Lower Upper
 96 100
 61 170.4 119.1 221.3
 63 132.5 76.4 141.8





#13

Acetone

Concen: 8.964 ug/L

RT: 4.123 min Scan# 30

Delta R.T. 0.000 min

Lab File: VW025244.D

Acq: 30 Jan 2023 10:32

Instrument :

MSVOA_W

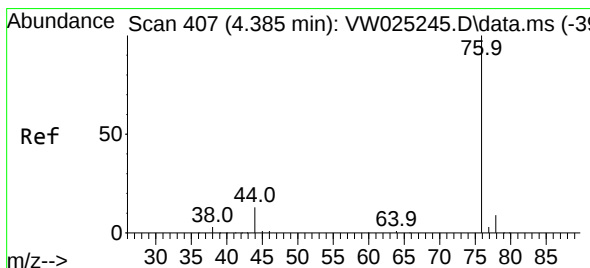
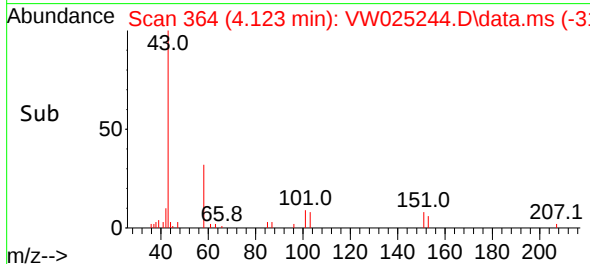
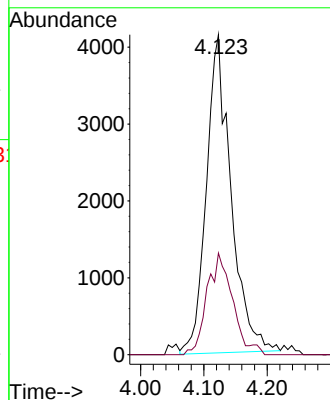
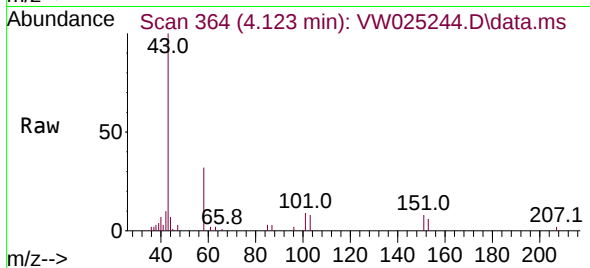
ClientSampleId :

Tgt Ion: 43 Resp: 11175

Ion Ratio Lower Upper

43 100

58 19.5 0.0 63.6



#14

Carbon disulfide

Concen: 4.860 ug/L

RT: 4.379 min Scan# 406

Delta R.T. -0.006 min

Lab File: VW025244.D

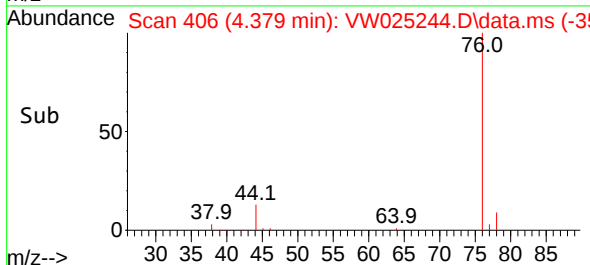
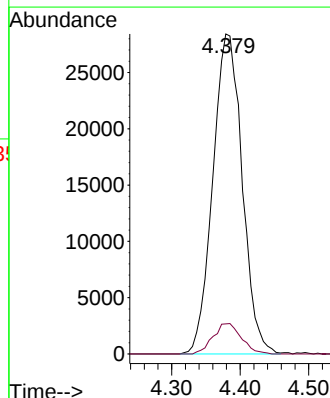
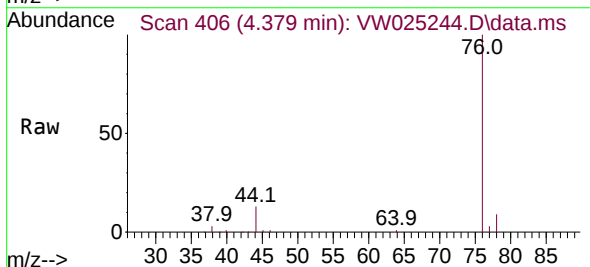
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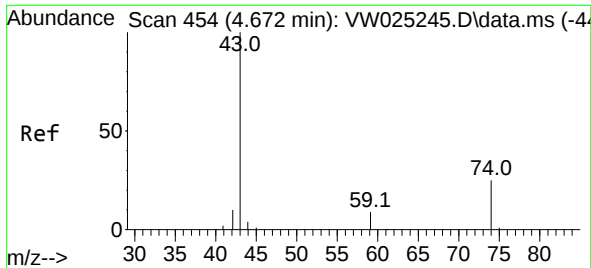
Tgt Ion: 76 Resp: 84518

Ion Ratio Lower Upper

76 100

78 9.4 7.1 10.7

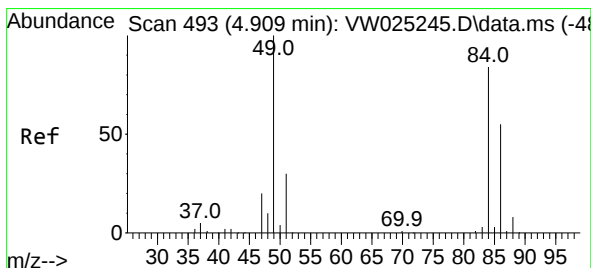
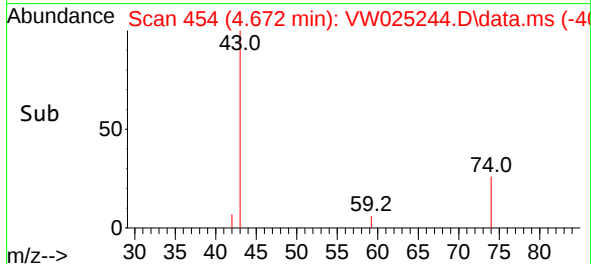
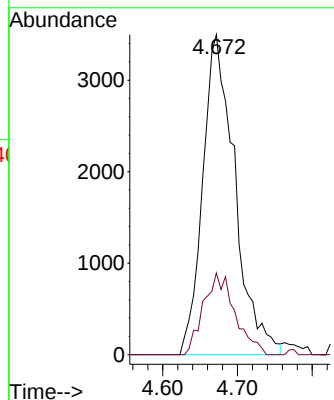
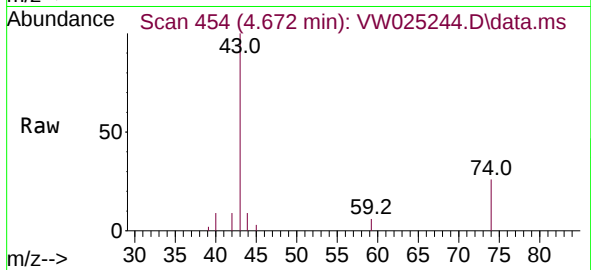




#15
Methyl Acetate
Concen: 5.074 ug/L
RT: 4.672 min Scan# 415
Delta R.T. 0.000 min
Lab File: VW025244.D
Acq: 30 Jan 2023 10:32

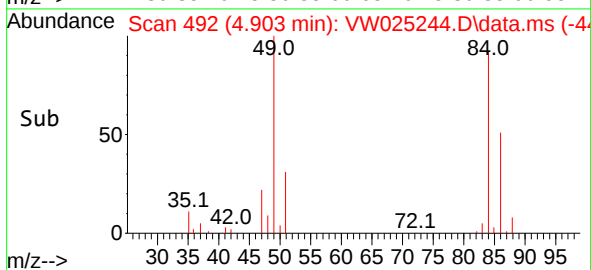
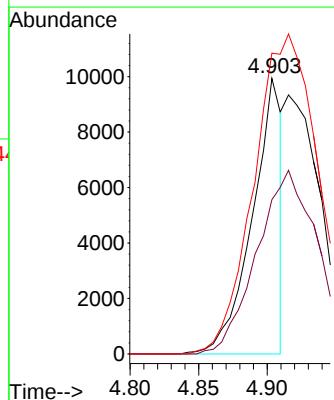
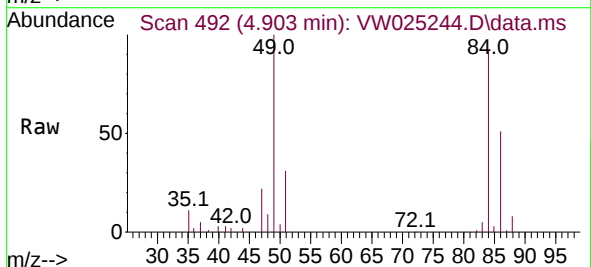
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MSVOA_W
ClientSampleId :

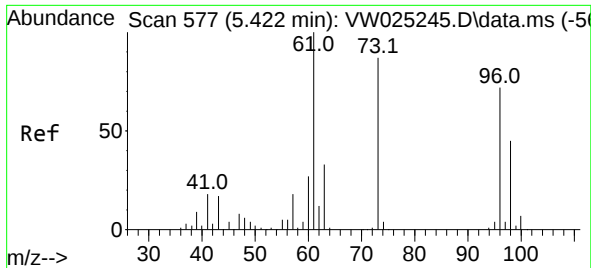
Tgt Ion: 43 Resp: 10450
Ion Ratio Lower Upper
43 100
74 24.9 20.0 30.0



#16
Methylene chloride
Concen: 2.479 ug/L
RT: 4.903 min Scan# 492
Delta R.T. -0.006 min
Lab File: VW025244.D
Acq: 30 Jan 2023 10:32

Tgt Ion: 84 Resp: 14849
Ion Ratio Lower Upper
84 100
86 56.0 45.5 84.5
49 109.2 83.1 154.3

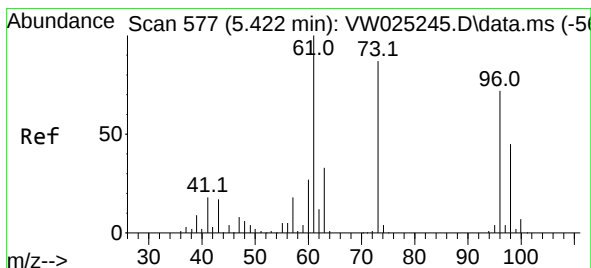
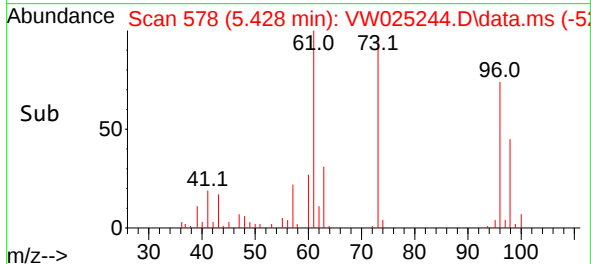
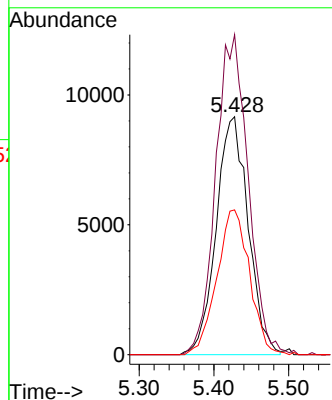
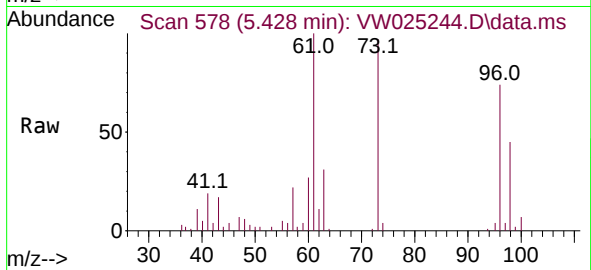




#17
trans-1,2-Dichloroethene
Concen: 4.960 ug/L
RT: 5.428 min Scan# 577
Delta R.T. 0.006 min
Lab File: VW025244.D
Acq: 30 Jan 2023 10:32

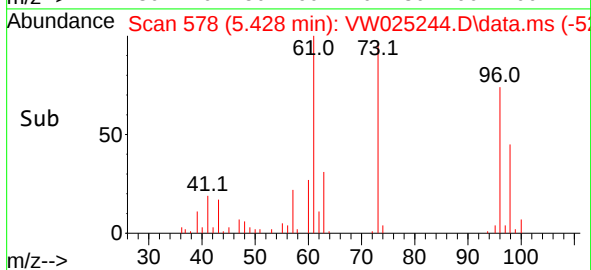
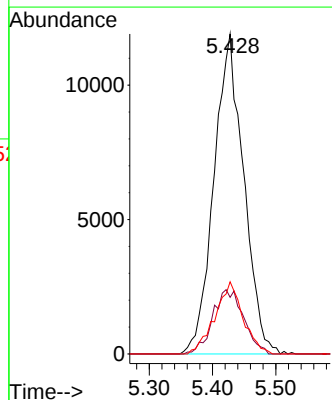
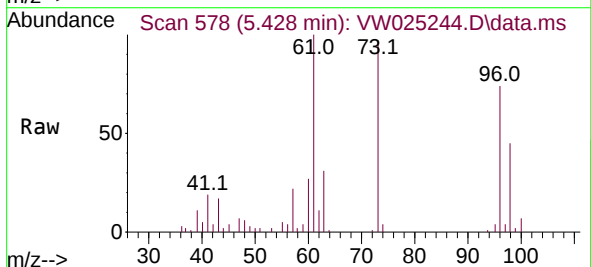
Instrument :
MSVOA_W
ClientSampleId :

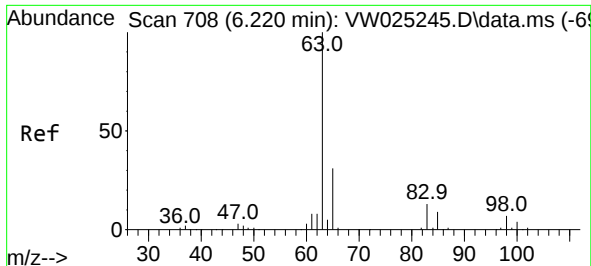
Tgt Ion: 96 Resp: 27268
Ion Ratio Lower Upper
96 100
61 134.5 96.6 179.4
98 60.9 43.1 80.1



#18
Methyl tert-butyl Ether
Concen: 4.904 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW025244.D
Acq: 30 Jan 2023 10:32

Tgt Ion: 73 Resp: 38881
Ion Ratio Lower Upper
73 100
43 12.4 16.0 24.0#
57 21.2 17.1 25.7





#19

1,1-Dichloroethane

Concen: 4.815 ug/L

RT: 6.214 min Scan# 708

Delta R.T. -0.006 min

Lab File: VW025244.D

Acq: 30 Jan 2023 10:32

Instrument :

MSVOA_W

ClientSampleId :

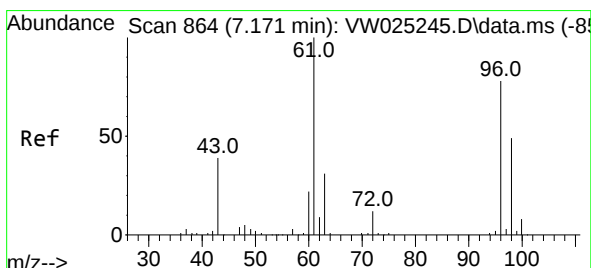
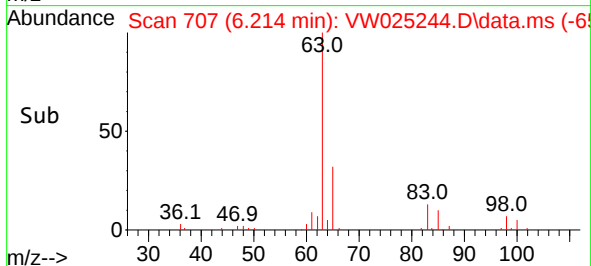
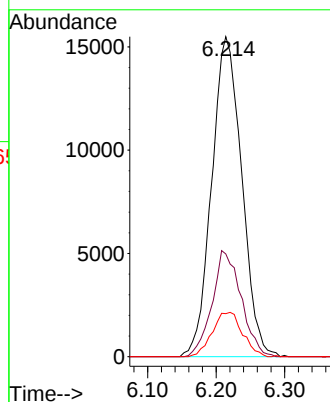
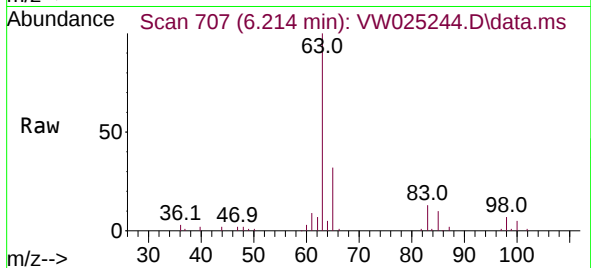
Tgt Ion: 63 Resp: 47137

Ion Ratio Lower Upper

63 100

65 32.1 21.8 40.4

83 13.4 9.0 16.6



#20

cis-1,2-Dichloroethene

Concen: 4.673 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW025244.D

Acq: 30 Jan 2023 10:32

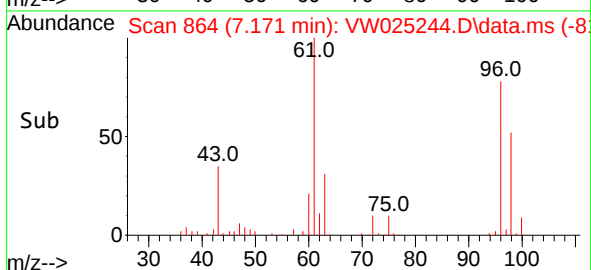
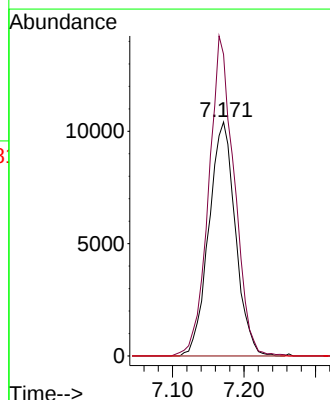
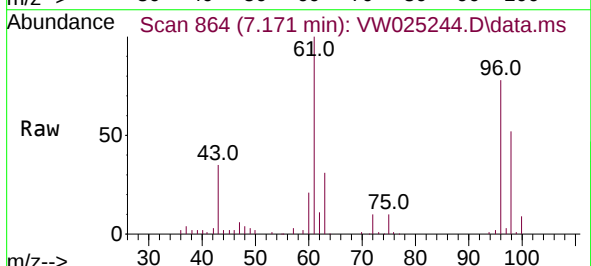
Tgt Ion: 96 Resp: 26856

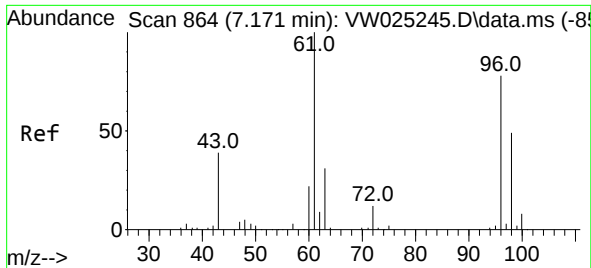
Ion Ratio Lower Upper

96 100

61 128.9 90.2 167.4

68 0.0 0.0 0.0

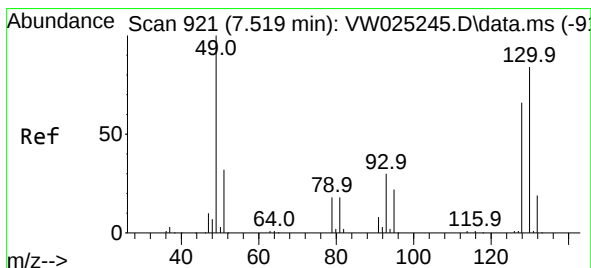
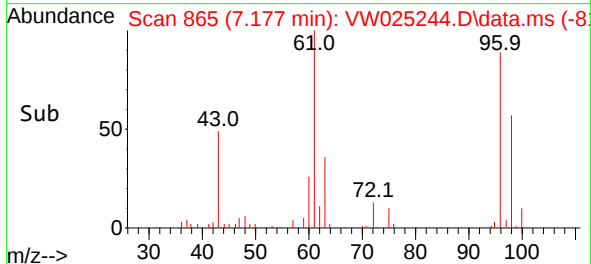
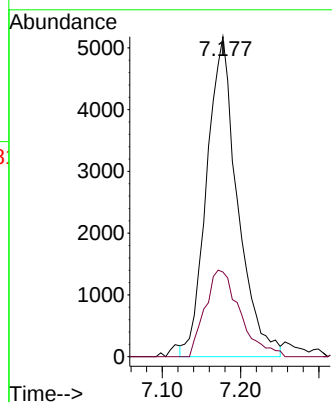
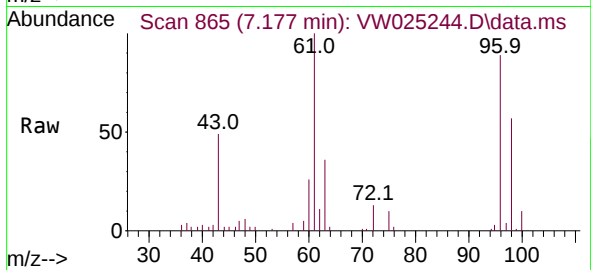




#22
2-Butanone
Concen: 9.330 ug/L
RT: 7.177 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW025244.D
Acq: 30 Jan 2023 10:32

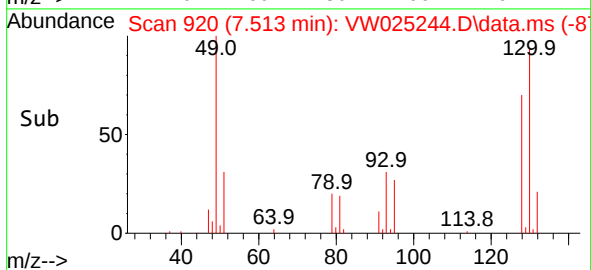
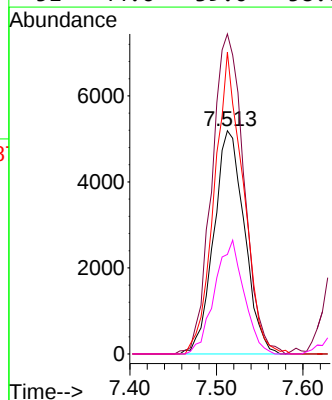
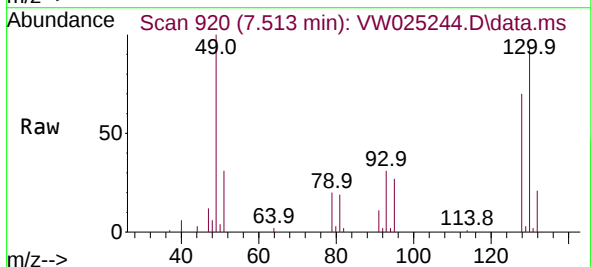
Instrument :
MSVOA_W
ClientSampleId :

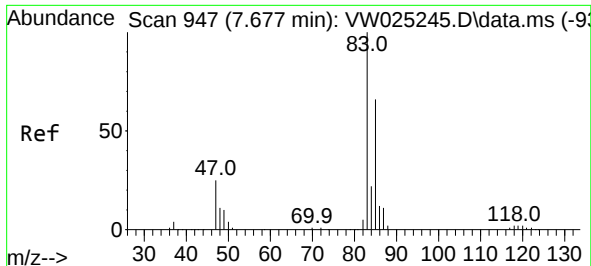
Tgt Ion: 43 Resp: 14166
Ion Ratio Lower Upper
43 100
72 30.7 14.4 43.2



#23
Bromochloromethane
Concen: 5.164 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW025244.D
Acq: 30 Jan 2023 10:32

Tgt Ion: 128 Resp: 12769
Ion Ratio Lower Upper
128 100
49 143.4 107.0 198.6
130 135.2 89.7 166.5
51 44.6 39.0 58.6

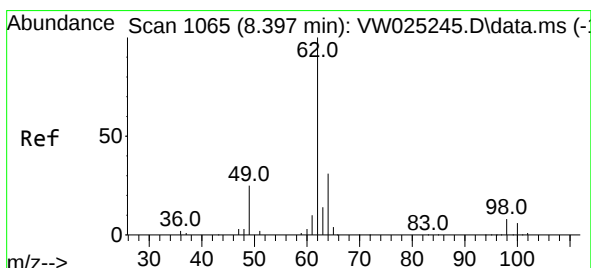
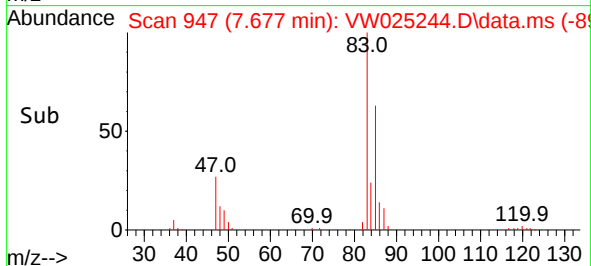
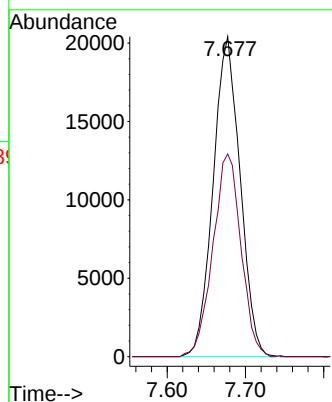
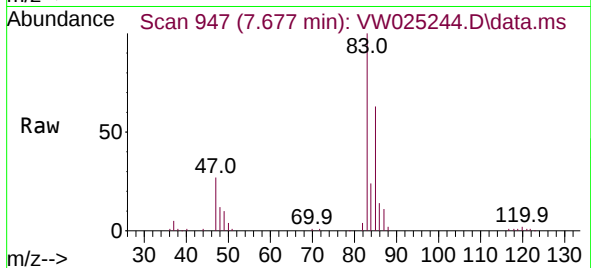




#25
Chloroform
Concen: 4.885 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW025244.D
Acq: 30 Jan 2023 10:32

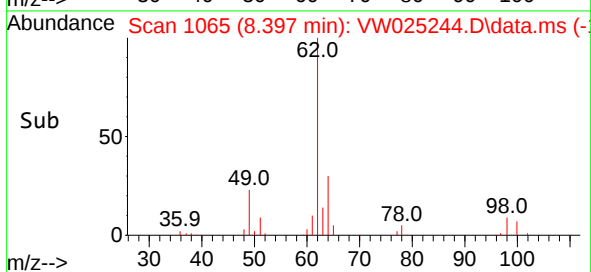
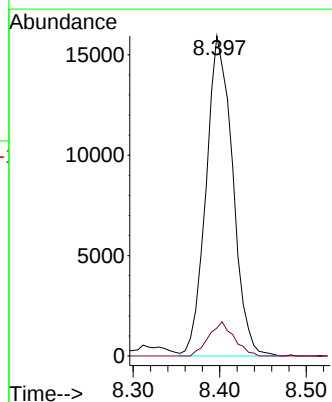
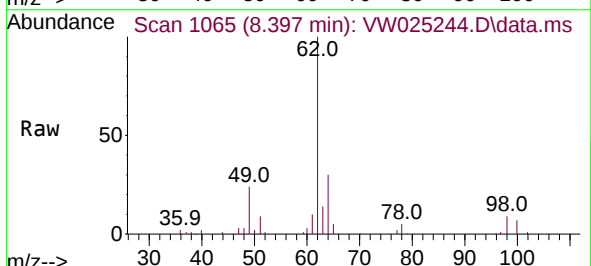
Instrument :
MSVOA_W
ClientSampleId :

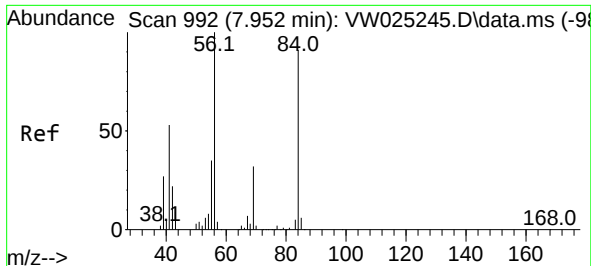
Tgt Ion: 83 Resp: 48833
Ion Ratio Lower Upper
83 100
85 63.4 46.1 85.7



#27
1,2-Dichloroethane
Concen: 5.106 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW025244.D
Acq: 30 Jan 2023 10:32

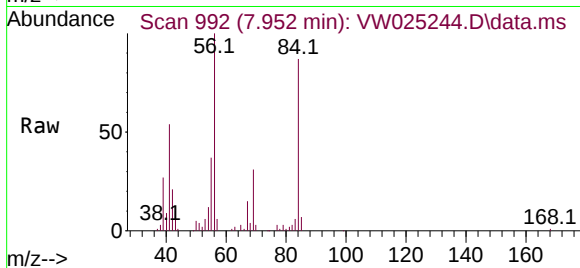
Tgt Ion: 62 Resp: 33916
Ion Ratio Lower Upper
62 100
98 8.7 6.8 10.2





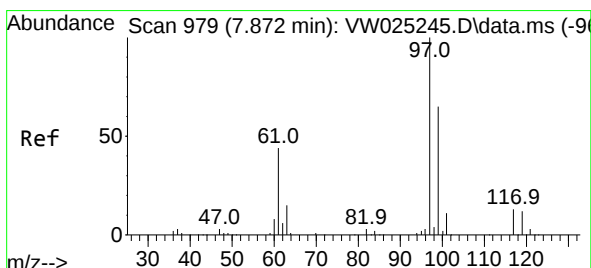
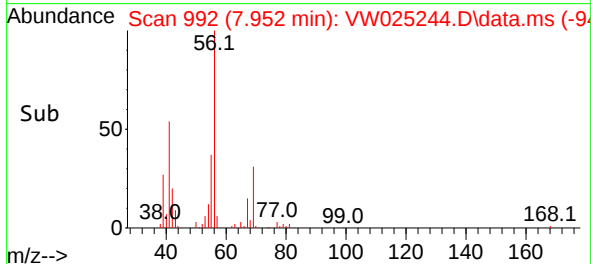
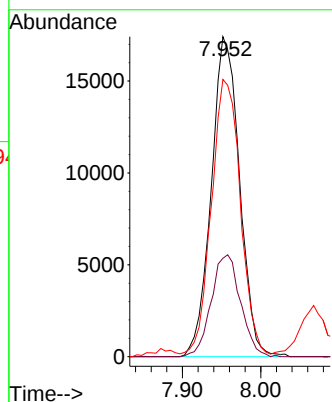
#29
Cyclohexane
Concen: 4.711 ug/L
RT: 7.952 min Scan# 992
Delta R.T. 0.000 min
Lab File: VW025244.D
Acq: 30 Jan 2023 10:32

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 56 Resp: 43718

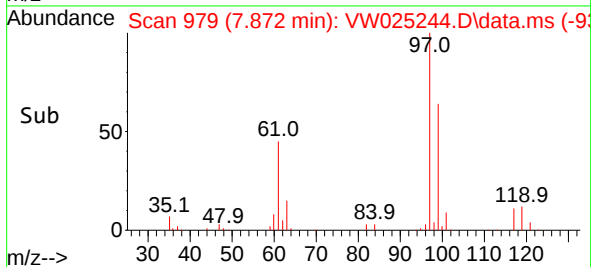
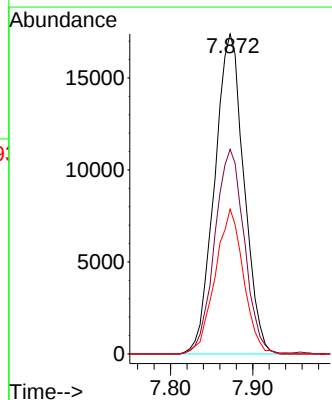
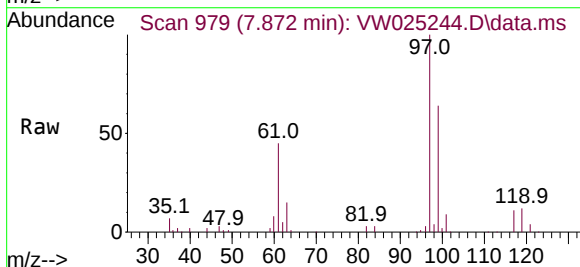
Ion	Ratio	Lower	Upper
56	100		
69	32.9	25.6	38.4
84	89.2	73.5	110.3

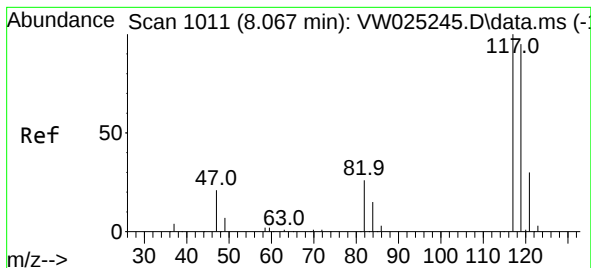


#30
1,1,1-Trichloroethane
Concen: 4.908 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW025244.D
Acq: 30 Jan 2023 10:32

Tgt Ion: 97 Resp: 43140

Ion	Ratio	Lower	Upper
97	100		
99	64.5	52.3	78.5
61	43.7	35.6	53.4

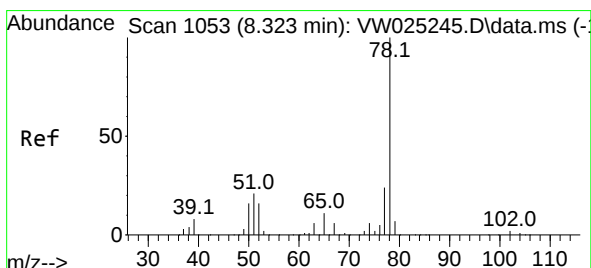
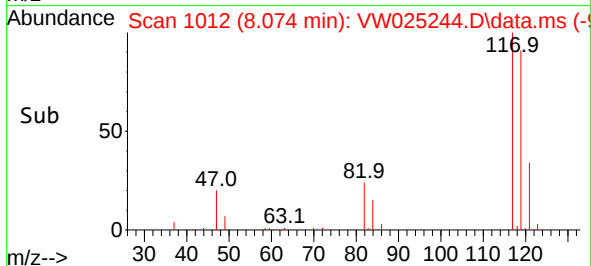
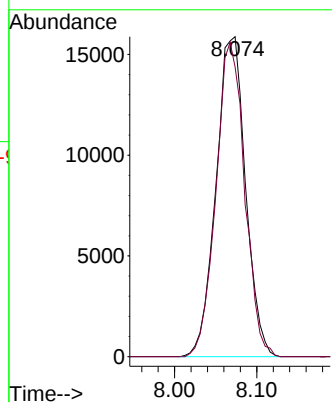
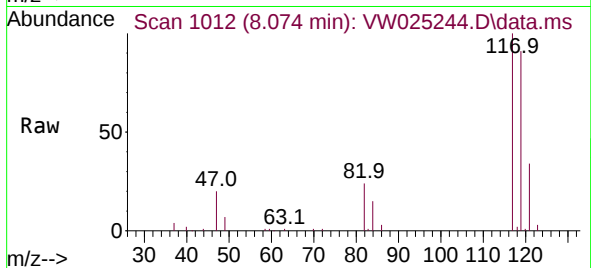




#31
Carbon tetrachloride
Concen: 4.803 ug/L
RT: 8.074 min Scan# 1011
Delta R.T. 0.006 min
Lab File: VW025244.D
Acq: 30 Jan 2023 10:32

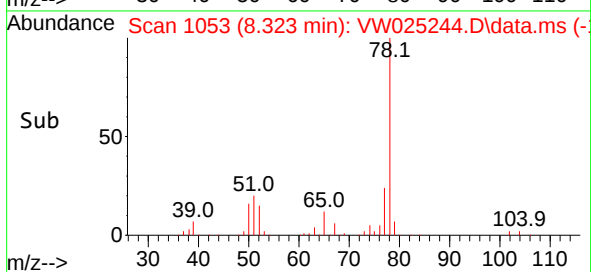
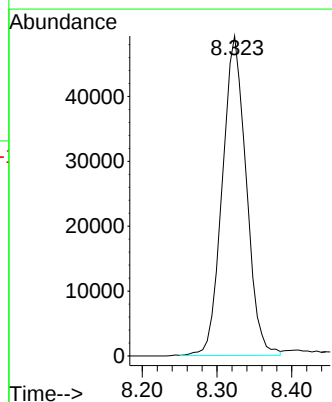
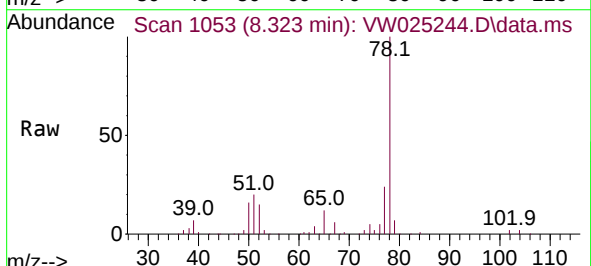
Instrument :
MSVOA_W
ClientSampleId :

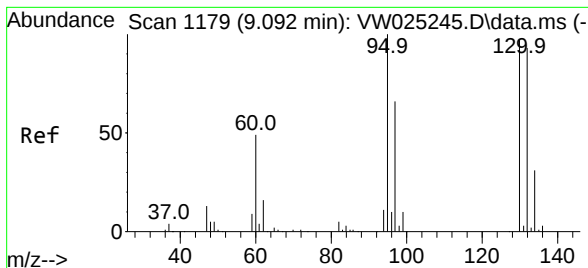
Tgt Ion:117 Resp: 39709
Ion Ratio Lower Upper
117 100
119 95.0 75.6 113.4



#33
Benzene
Concen: 4.934 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW025244.D
Acq: 30 Jan 2023 10:32

Tgt Ion: 78 Resp: 109597





#34

Trichloroethene

Concen: 4.849 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

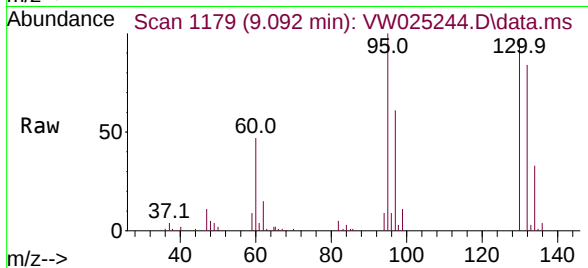
Lab File: VW025244.D

Acq: 30 Jan 2023 10:32

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 29346

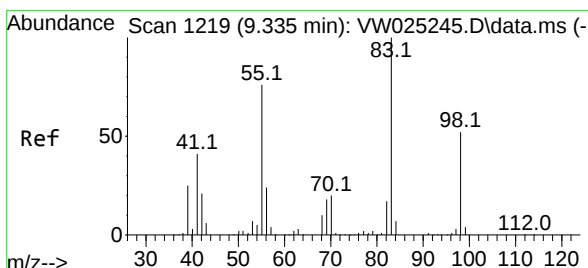
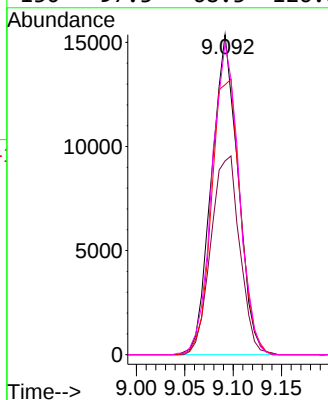
Ion Ratio Lower Upper

95 100

97 60.6 46.5 86.3

132 84.3 65.4 121.4

130 97.3 68.3 126.8



#35

Methylcyclohexane

Concen: 4.858 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW025244.D

Acq: 30 Jan 2023 10:32

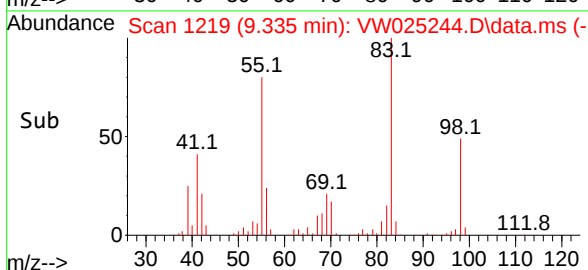
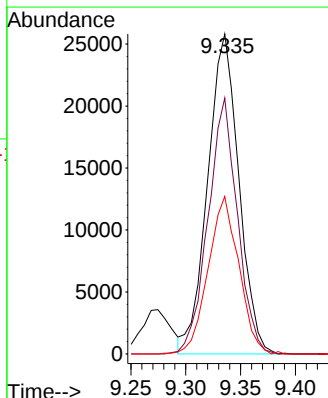
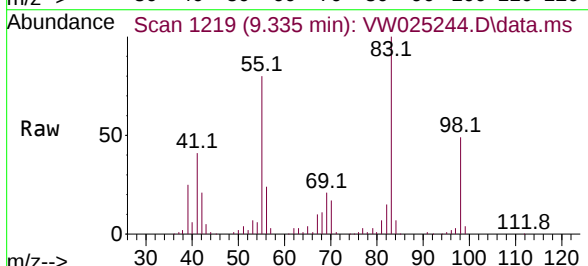
Tgt Ion: 83 Resp: 51100

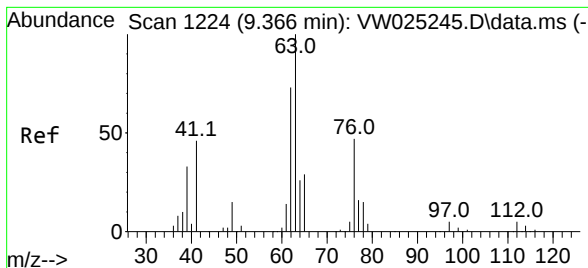
Ion Ratio Lower Upper

83 100

55 75.4 60.3 90.5

98 48.4 40.0 60.0





#37

1,2-Dichloropropane

Concen: 4.931 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW025244.D

Acq: 30 Jan 2023 10:32

Instrument :

MSVOA_W

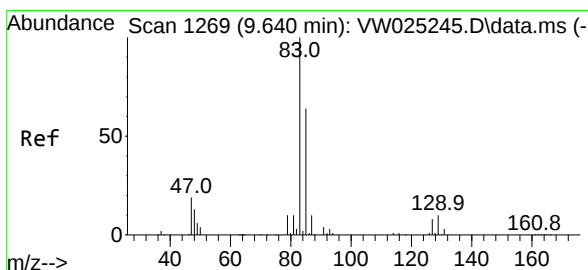
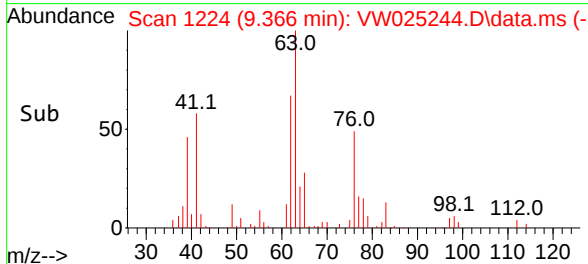
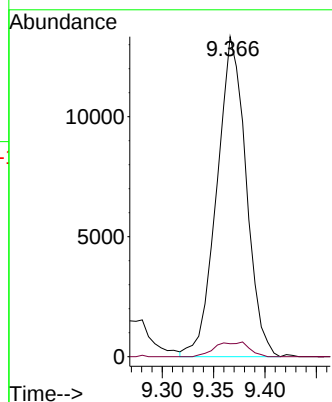
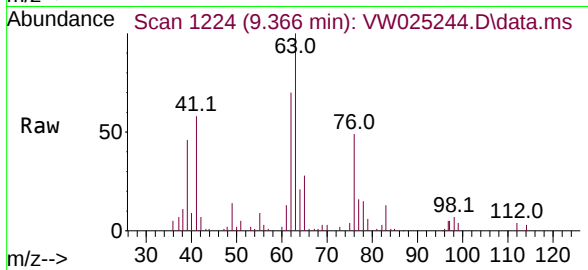
ClientSampleId :

Tgt Ion: 63 Resp: 26417

Ion Ratio Lower Upper

63 100

112 2.8 3.8 5.8#



#38

Bromodichloromethane

Concen: 4.749 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.006 min

Lab File: VW025244.D

Acq: 30 Jan 2023 10:32

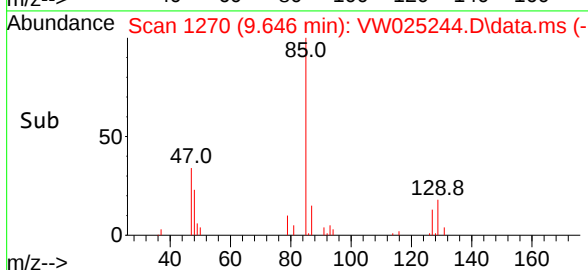
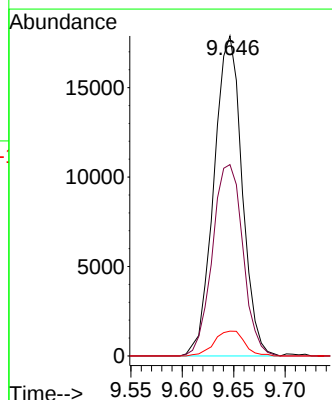
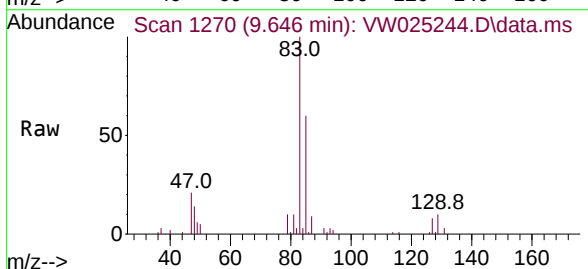
Tgt Ion: 83 Resp: 34067

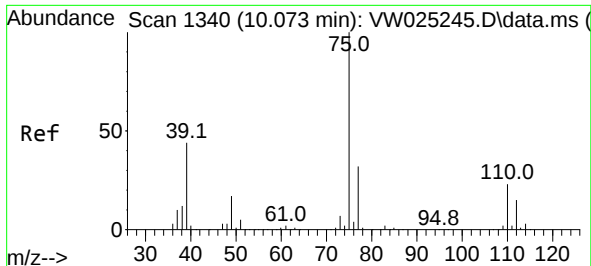
Ion Ratio Lower Upper

83 100

85 59.8 45.1 83.9

127 7.7 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 4.562 ug/L

RT: 10.067 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW025244.D

Acq: 30 Jan 2023 10:32

Instrument :

MSVOA_W

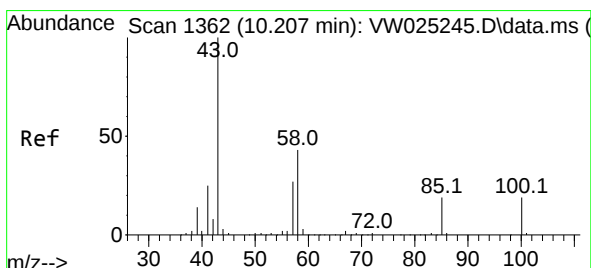
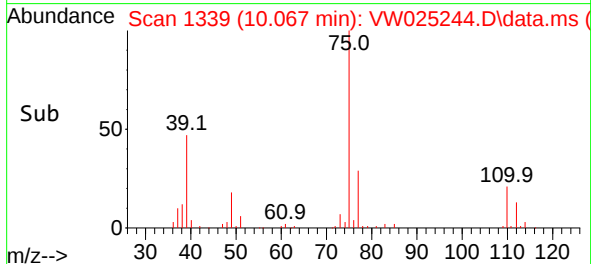
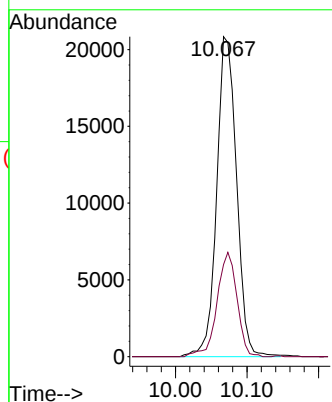
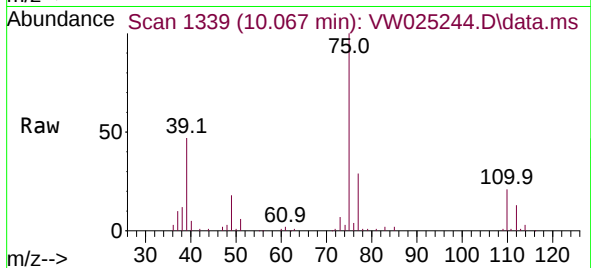
ClientSampleId :

Tgt Ion: 75 Resp: 40189

Ion Ratio Lower Upper

75 100

77 28.8 22.7 42.1



#40

4-Methyl-2-pentanone

Concen: 9.770 ug/L

RT: 10.213 min Scan# 1363

Delta R.T. 0.006 min

Lab File: VW025244.D

Acq: 30 Jan 2023 10:32

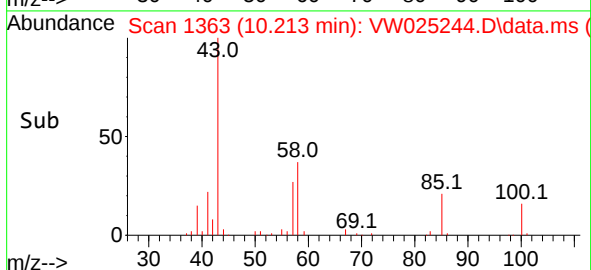
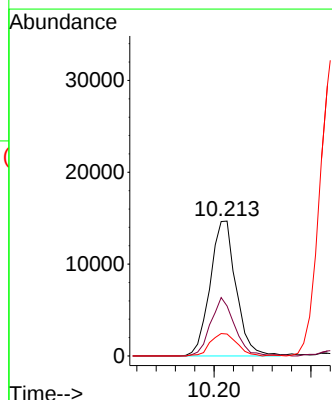
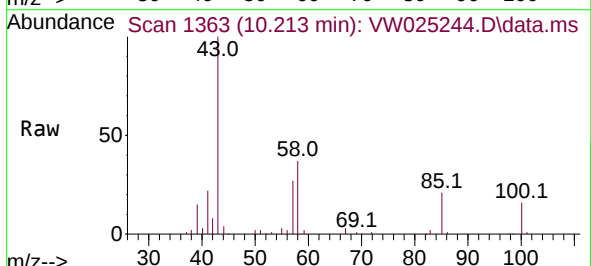
Tgt Ion: 43 Resp: 27361

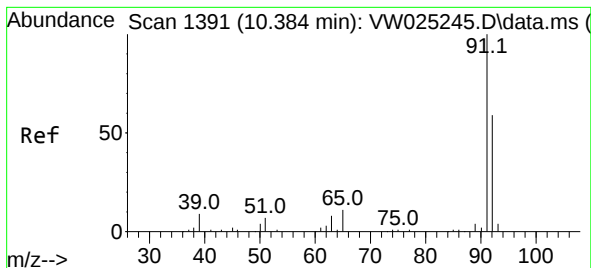
Ion Ratio Lower Upper

43 100

58 39.7 33.1 49.7

100 17.1 14.4 21.6





#42

Toluene

Concen: 4.944 ug/L

RT: 10.384 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW025244.D

Acq: 30 Jan 2023 10:32

Instrument :

MSVOA_W

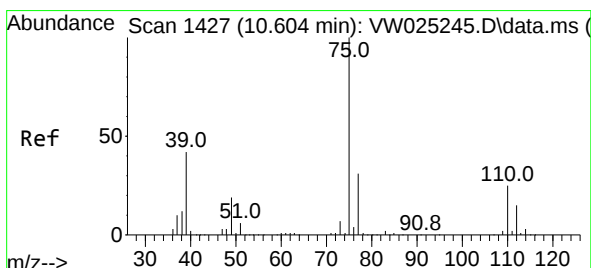
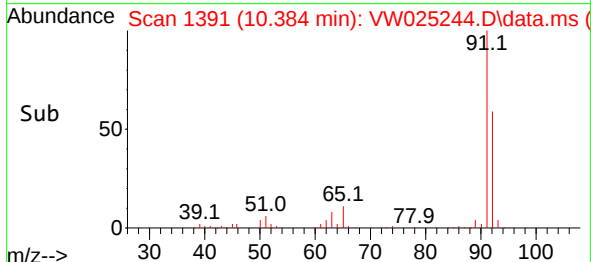
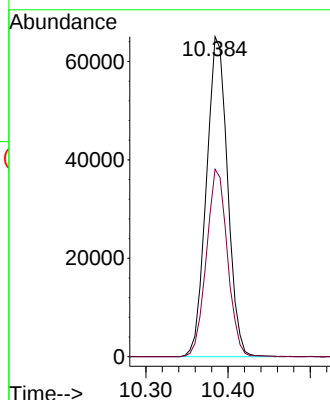
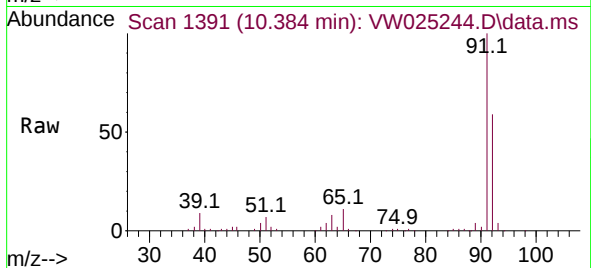
ClientSampleId :

Tgt Ion: 91 Resp: 116069

Ion Ratio Lower Upper

91 100

92 58.5 41.2 76.4



#44

trans-1,3-Dichloropropene

Concen: 4.666 ug/L

RT: 10.610 min Scan# 1428

Delta R.T. 0.006 min

Lab File: VW025244.D

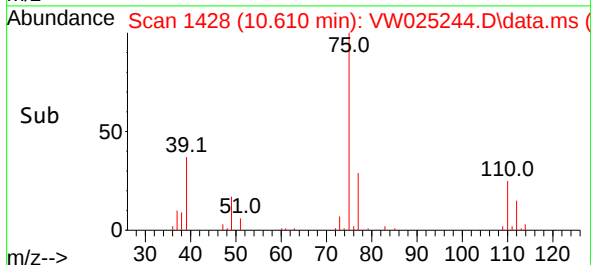
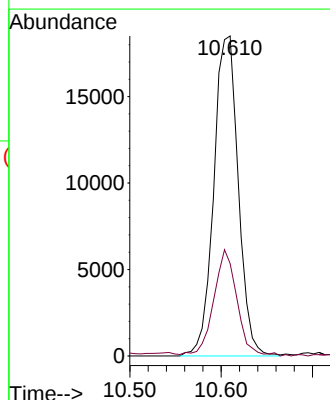
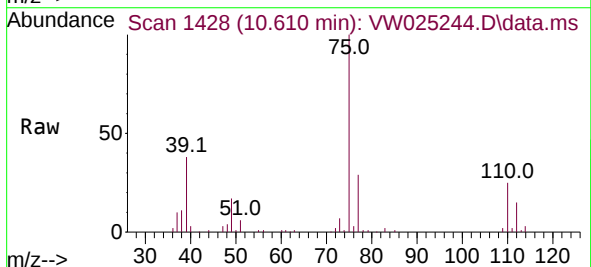
Acq: 30 Jan 2023 10:32

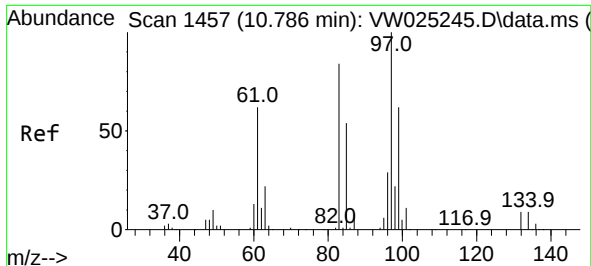
Tgt Ion: 75 Resp: 34501

Ion Ratio Lower Upper

75 100

77 28.9 21.9 40.7





#45

1,1,2-Trichloroethane

Concen: 4.995 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VW025244.D

Acq: 30 Jan 2023 10:32

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 20126

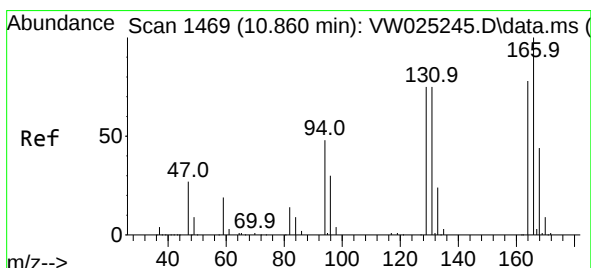
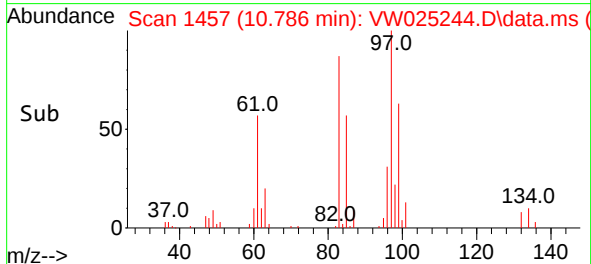
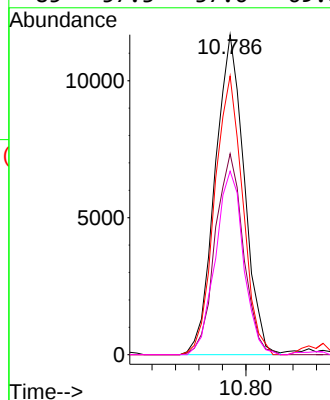
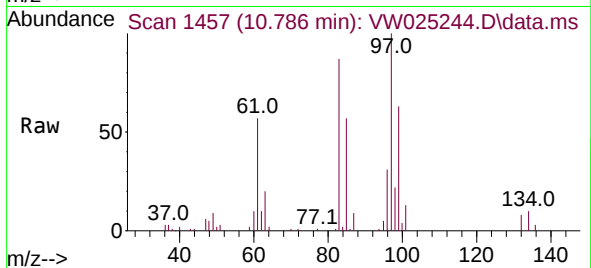
Ion Ratio Lower Upper

97 100

99 62.8 43.7 81.1

83 87.1 58.6 108.8

85 57.3 37.6 69.8



#46

Tetrachloroethene

Concen: 4.869 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. 0.000 min

Lab File: VW025244.D

Acq: 30 Jan 2023 10:32

Tgt Ion:164 Resp: 21709

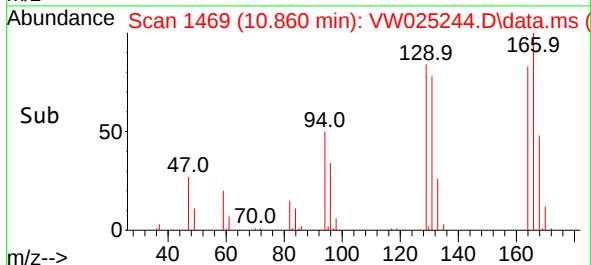
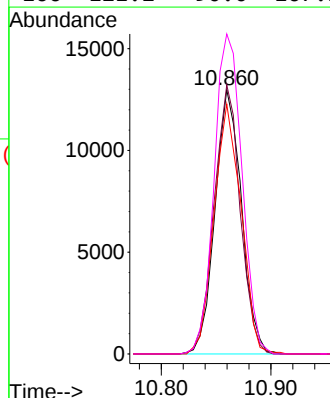
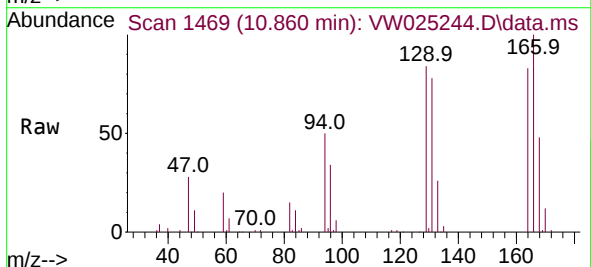
Ion Ratio Lower Upper

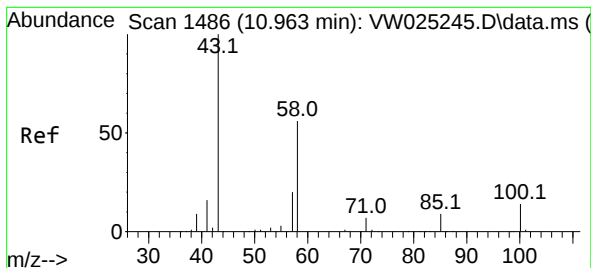
164 100

129 101.9 67.4 125.2

131 94.6 67.9 126.1

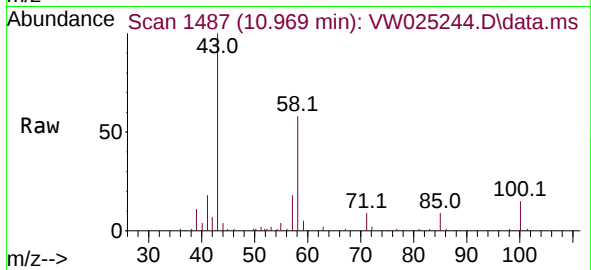
166 121.2 90.0 167.2



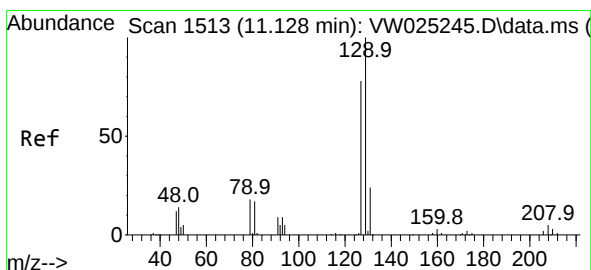
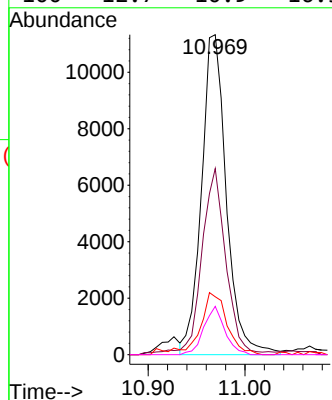
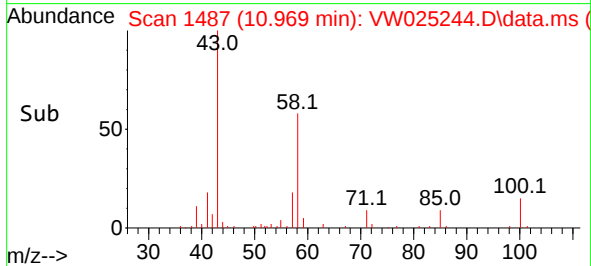


#48
2-Hexanone
Concen: 9.573 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VW025244.D
Acq: 30 Jan 2023 10:32

Instrument :
MSVOA_W
ClientSampleId :

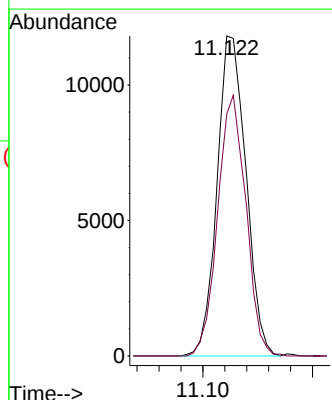
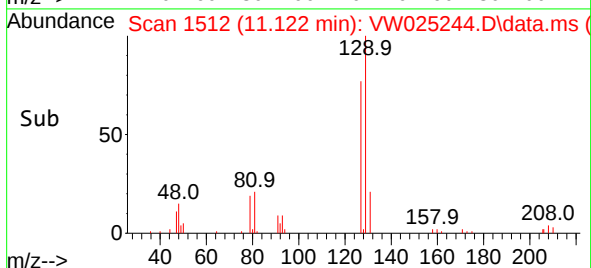
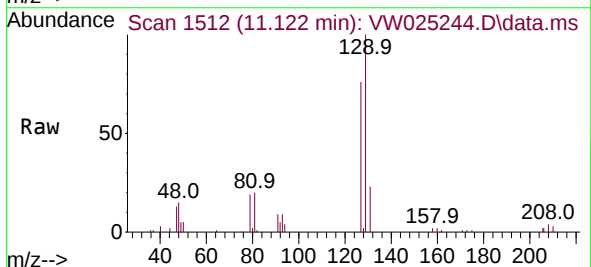


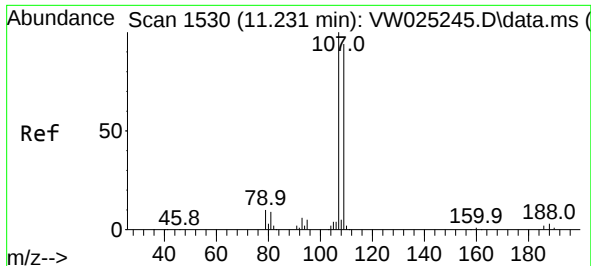
Tgt Ion: 43 Resp: 20327
Ion Ratio Lower Upper
43 100
58 53.9 45.6 68.4
57 19.5 16.6 24.8
100 12.7 10.9 16.3



#49
Dibromochloromethane
Concen: 4.716 ug/L
RT: 11.122 min Scan# 1512
Delta R.T. -0.006 min
Lab File: VW025244.D
Acq: 30 Jan 2023 10:32

Tgt Ion: 129 Resp: 21644
Ion Ratio Lower Upper
129 100
127 75.6 54.9 101.9





#50

1,2-Dibromoethane

Concen: 4.925 ug/L

RT: 11.231 min Scan# 1530

Delta R.T. 0.000 min

Lab File: VW025244.D

Acq: 30 Jan 2023 10:32

Instrument :

MSVOA_W

ClientSampleId :

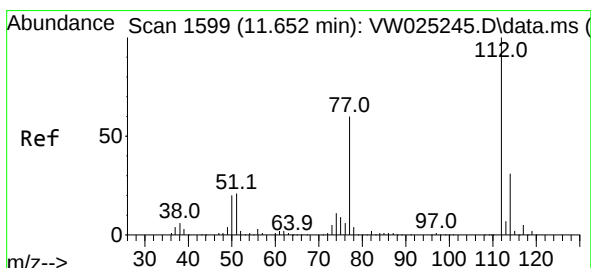
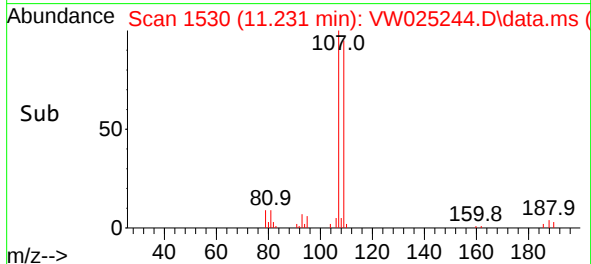
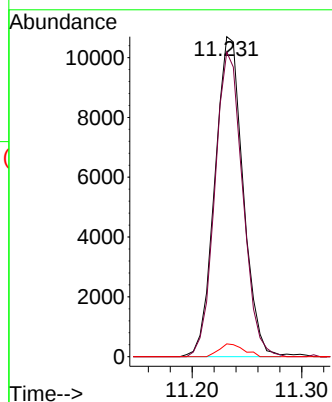
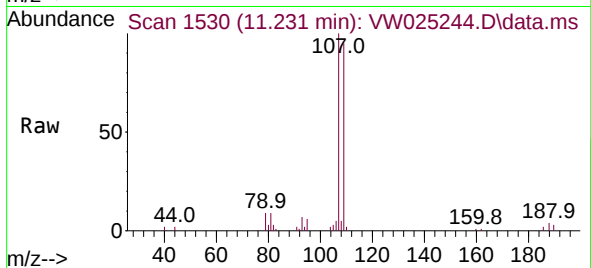
Tgt Ion:107 Resp: 19113

Ion Ratio Lower Upper

107 100

109 95.2 65.7 121.9

188 4.0 2.7 4.1



#51

Chlorobenzene

Concen: 4.825 ug/L

RT: 11.652 min Scan# 1599

Delta R.T. 0.000 min

Lab File: VW025244.D

Acq: 30 Jan 2023 10:32

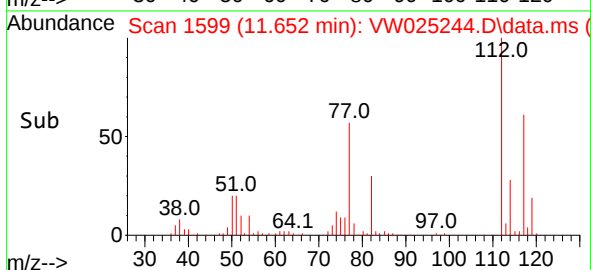
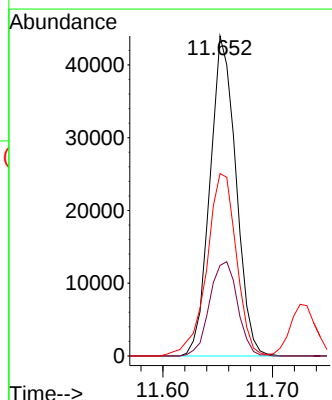
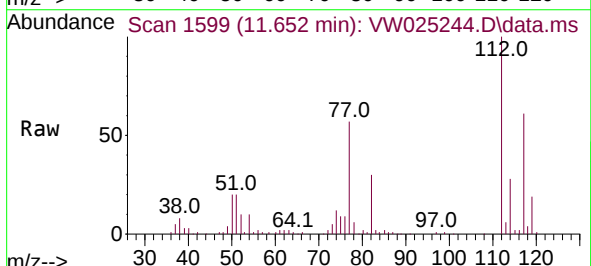
Tgt Ion:112 Resp: 72514

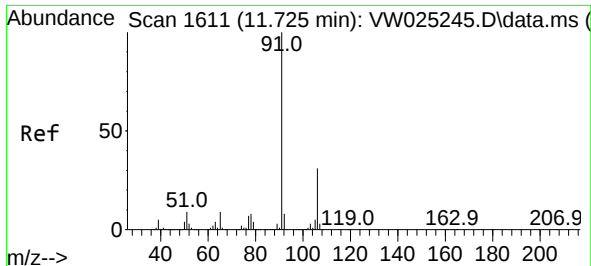
Ion Ratio Lower Upper

112 100

114 28.3 21.8 40.4

77 57.0 47.7 71.5

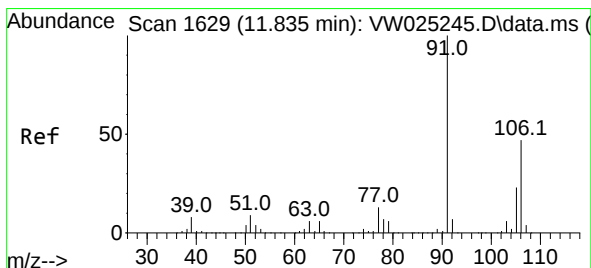
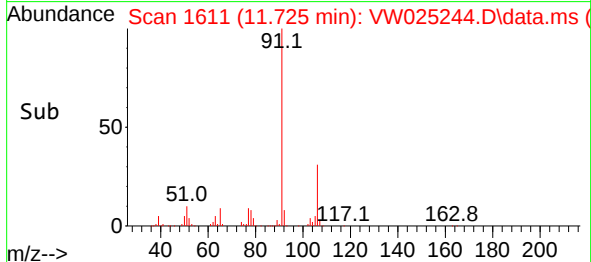
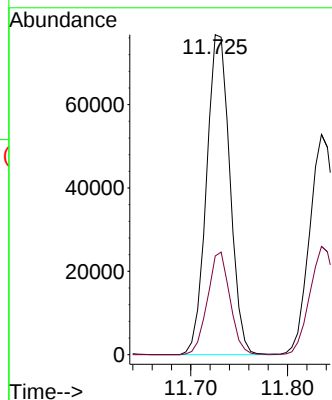
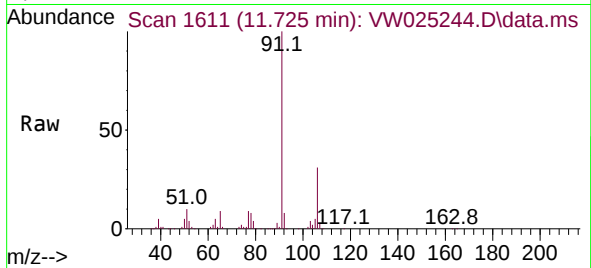




#52
Ethylbenzene
Concen: 4.748 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. 0.000 min
Lab File: VW025244.D
Acq: 30 Jan 2023 10:32

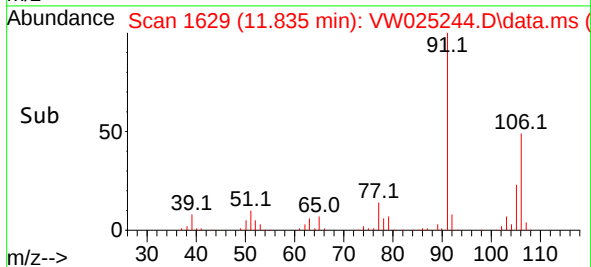
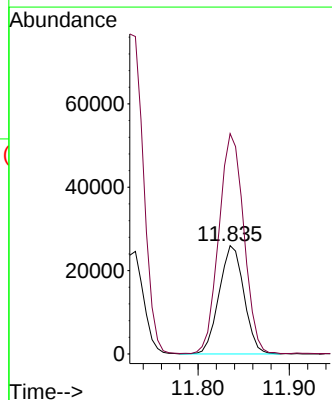
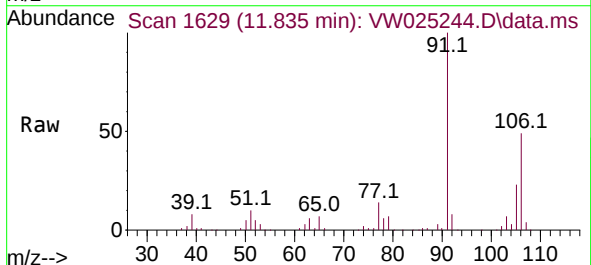
Instrument :
MSVOA_W
ClientSampleId :

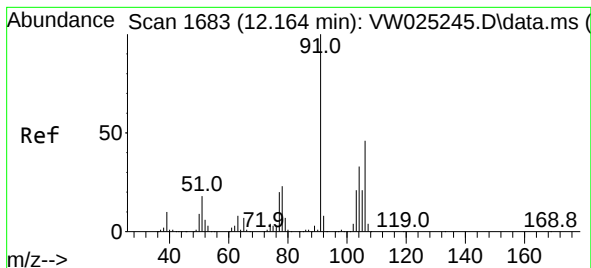
Tgt Ion: 91 Resp: 129409
Ion Ratio Lower Upper
91 100
106 30.8 21.9 40.7



#53
m,p-Xylene
Concen: 4.730 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW025244.D
Acq: 30 Jan 2023 10:32

Tgt Ion:106 Resp: 48993
Ion Ratio Lower Upper
106 100
91 203.3 148.1 275.0





#54

o-Xylene

Concen: 4.643 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW025244.D

Acq: 30 Jan 2023 10:32

Instrument :

MSVOA_W

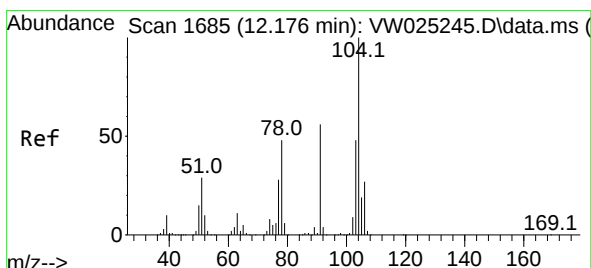
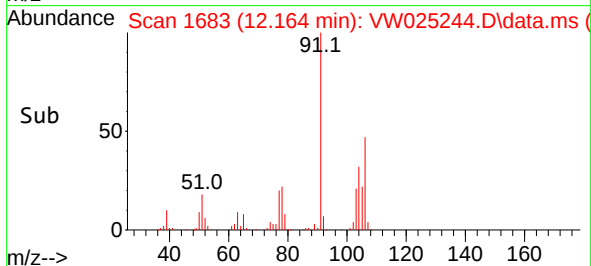
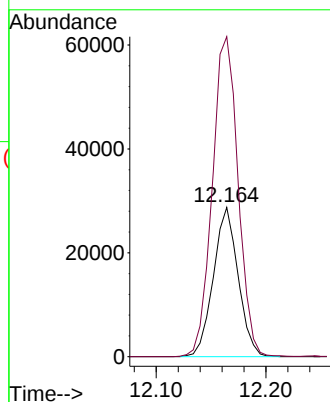
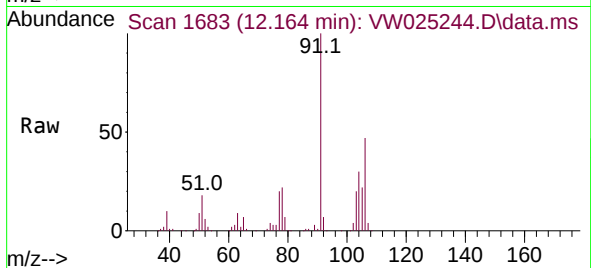
ClientSampleId :

Tgt Ion:106 Resp: 45142

Ion Ratio Lower Upper

106 100

91 214.2 153.6 285.2



#55

Styrene

Concen: 4.676 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VW025244.D

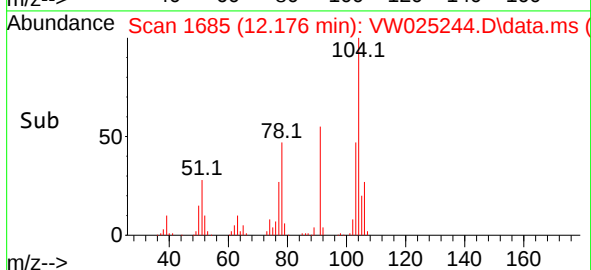
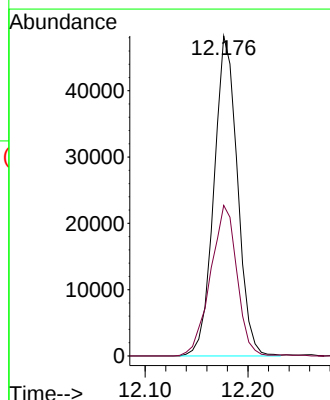
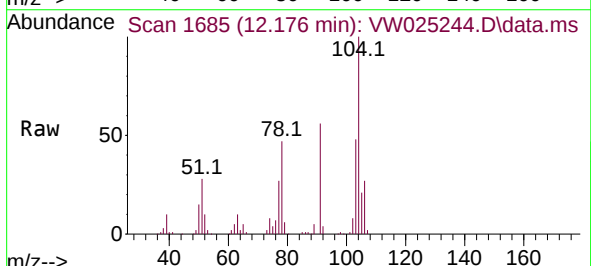
Acq: 30 Jan 2023 10:32

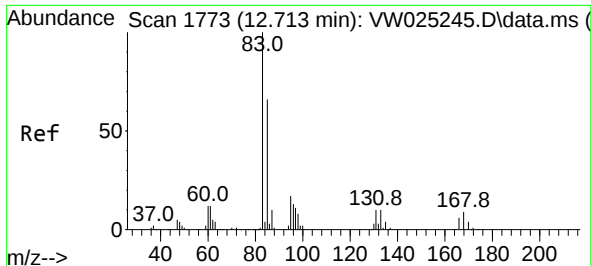
Tgt Ion:104 Resp: 76557

Ion Ratio Lower Upper

104 100

78 47.0 33.7 62.5





#57

1,1,2,2-Tetrachloroethane

Concen: 5.007 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW025244.D

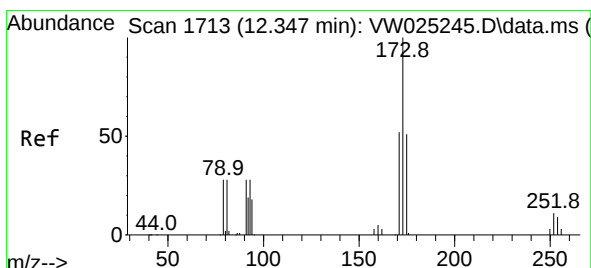
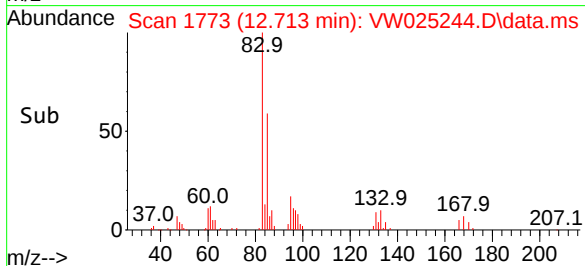
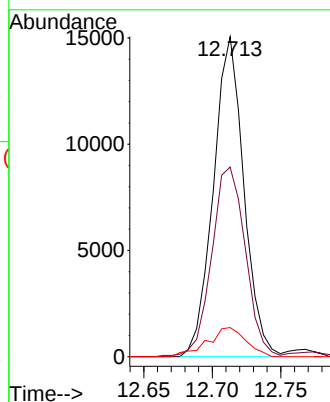
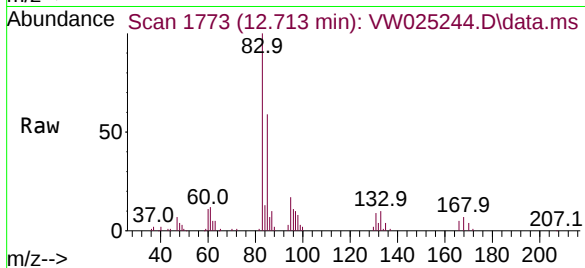
Acq: 30 Jan 2023 10:32

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 83	Resp: 23299
Ion Ratio	Lower Upper
83 100	
85 59.3	46.3 86.1
131 9.1	8.0 12.0



#59

Bromoform

Concen: 4.511 ug/L

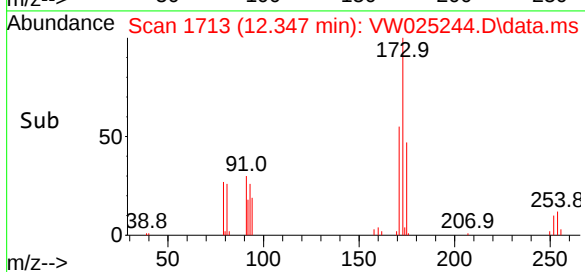
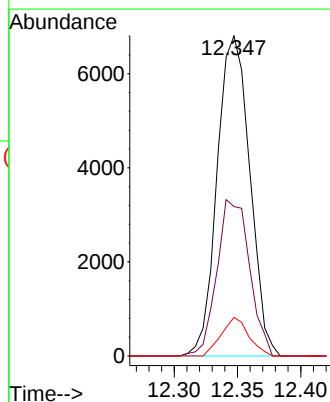
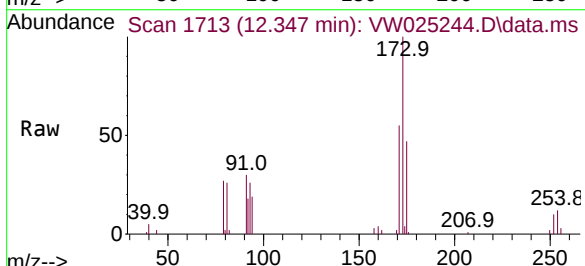
RT: 12.347 min Scan# 1713

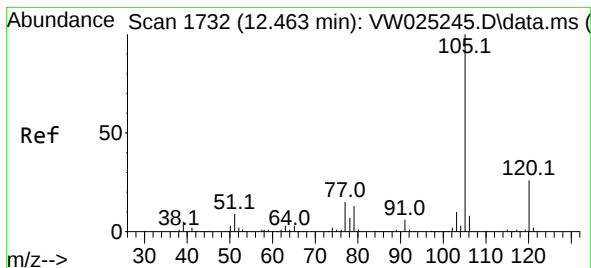
Delta R.T. 0.000 min

Lab File: VW025244.D

Acq: 30 Jan 2023 10:32

Tgt Ion: 173	Resp: 12213
Ion Ratio	Lower Upper
173 100	
175 48.8	38.0 57.0
254 10.1	7.2 10.8





#60

Isopropylbenzene

Concen: 4.457 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. 0.000 min

Lab File: VW025244.D

Acq: 30 Jan 2023 10:32

Instrument :

MSVOA_W

ClientSampleId :

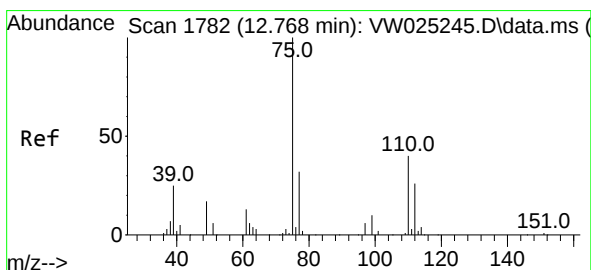
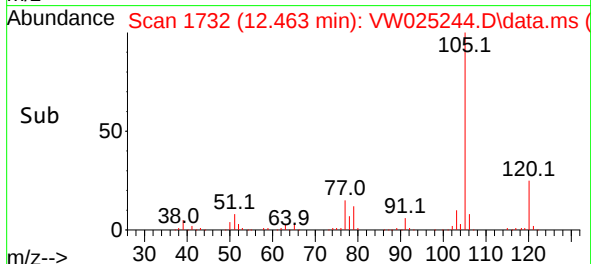
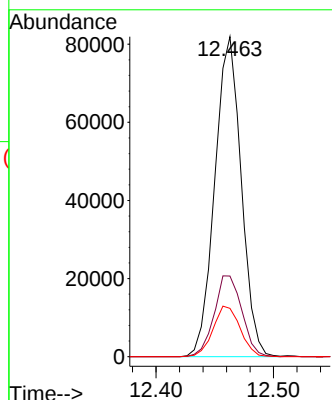
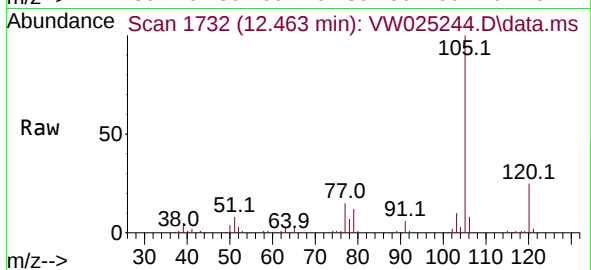
Tgt Ion:105 Resp: 127889

Ion Ratio Lower Upper

105 100

120 26.5 20.5 30.7

77 16.2 12.3 18.5



#61

1,2,3-Trichloropropane

Concen: 4.805 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VW025244.D

Acq: 30 Jan 2023 10:32

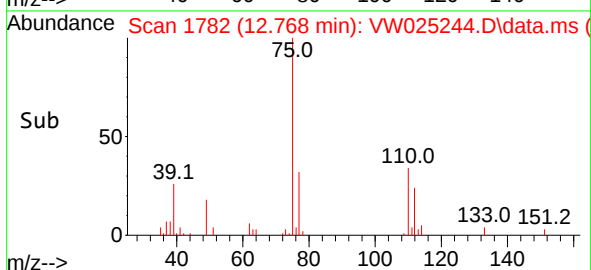
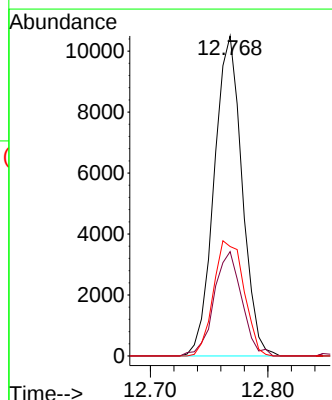
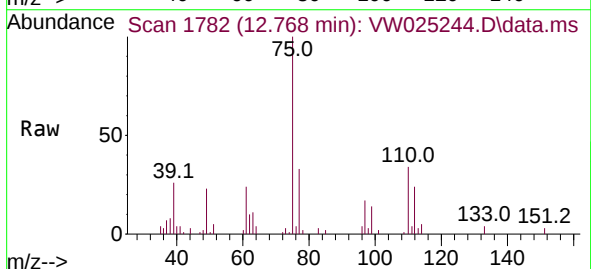
Tgt Ion: 75 Resp: 17323

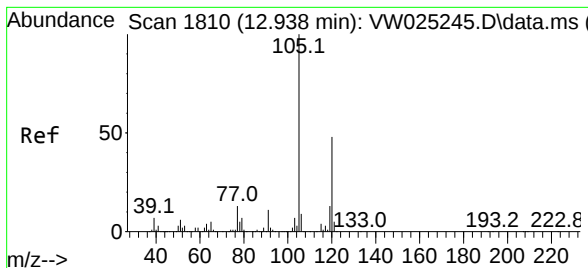
Ion Ratio Lower Upper

75 100

77 32.5 26.5 39.7

110 39.1 32.3 48.5

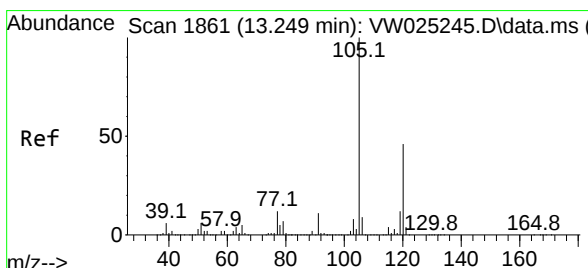
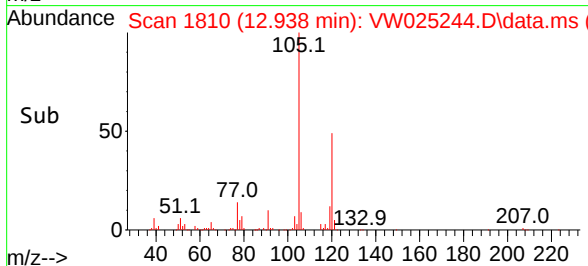
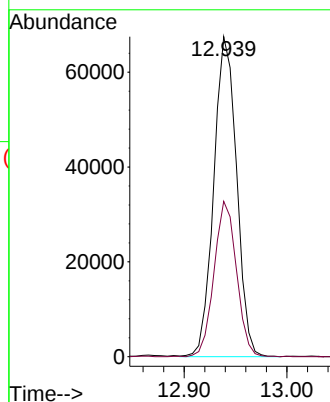
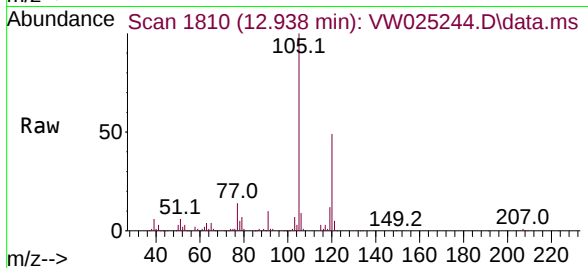




#62
 1,3,5-Trimethylbenzene
 Concen: 4.591 ug/L
 RT: 12.938 min Scan# 1810
 Delta R.T. 0.000 min
 Lab File: VW025244.D
 Acq: 30 Jan 2023 10:32

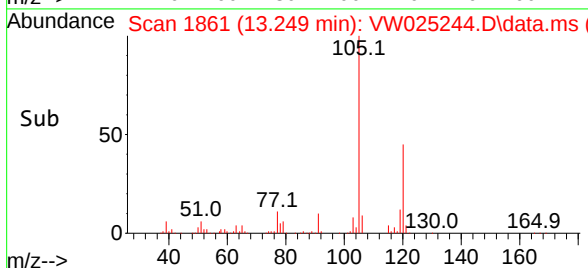
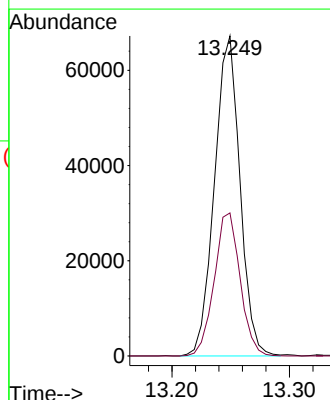
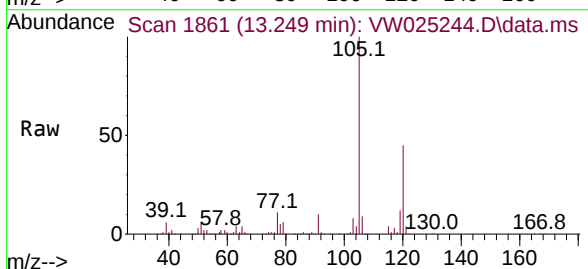
Instrument :
 MSVOA_W
 ClientSampleId :

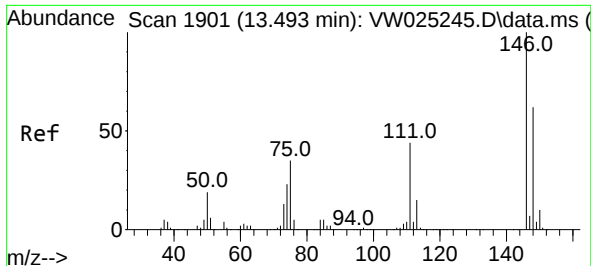
Tgt Ion:105 Resp: 104096
 Ion Ratio Lower Upper
 105 100
 120 47.6 38.3 57.5



#63
 1,2,4-Trimethylbenzene
 Concen: 4.565 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. 0.000 min
 Lab File: VW025244.D
 Acq: 30 Jan 2023 10:32

Tgt Ion:105 Resp: 101280
 Ion Ratio Lower Upper
 105 100
 120 45.4 35.1 52.7

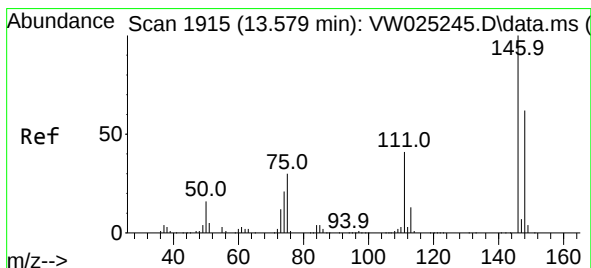
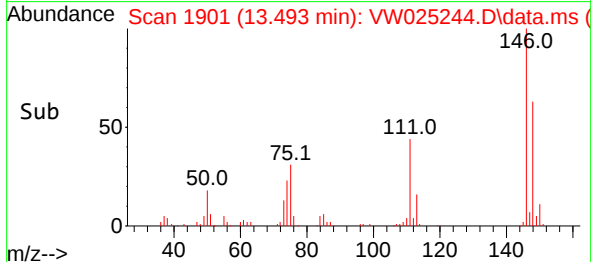
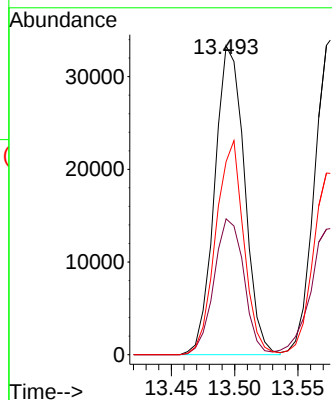
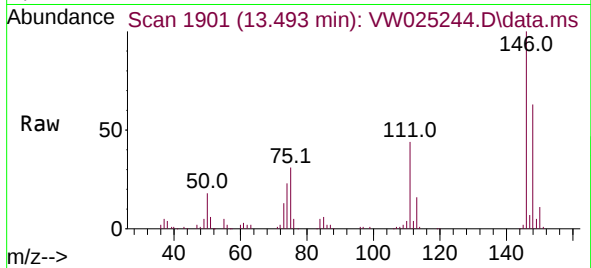




#64
1,3-Dichlorobenzene
Concen: 4.733 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VW025244.D
Acq: 30 Jan 2023 10:32

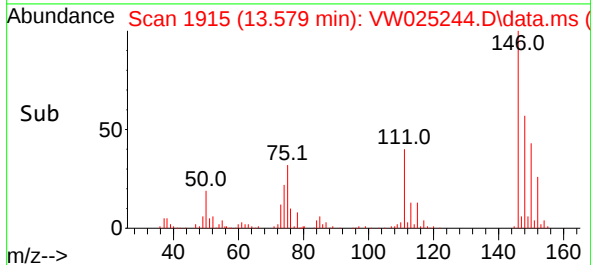
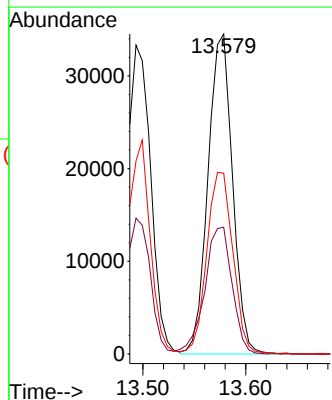
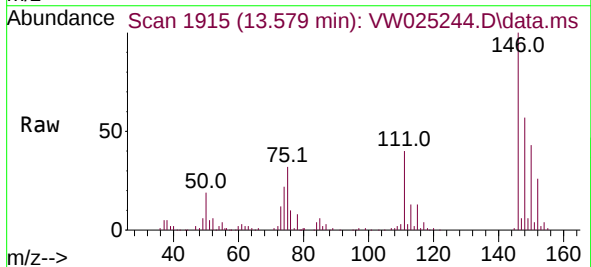
Instrument :
MSVOA_W
ClientSampleId :

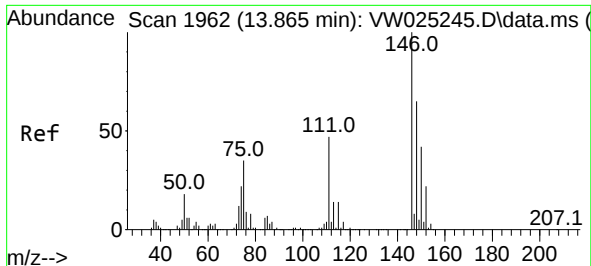
Tgt Ion:146 Resp: 54609
Ion Ratio Lower Upper
146 100
111 44.0 30.4 56.5
148 62.5 43.7 81.1



#65
1,4-Dichlorobenzene
Concen: 5.004 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW025244.D
Acq: 30 Jan 2023 10:32

Tgt Ion:146 Resp: 57373
Ion Ratio Lower Upper
146 100
111 39.6 28.6 53.2
148 56.5 43.2 80.2





#67

1,2-Dichlorobenzene

Concen: 4.071 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW025244.D

Acq: 30 Jan 2023 10:32

Instrument :

MSVOA_W

ClientSampleId :

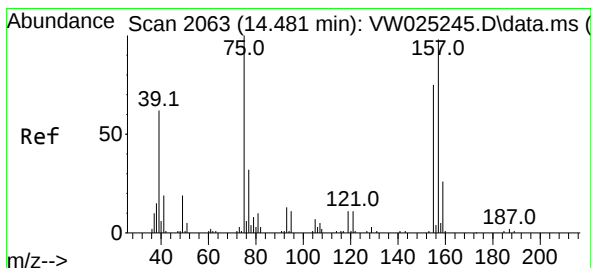
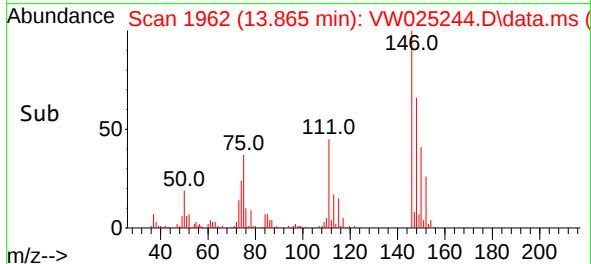
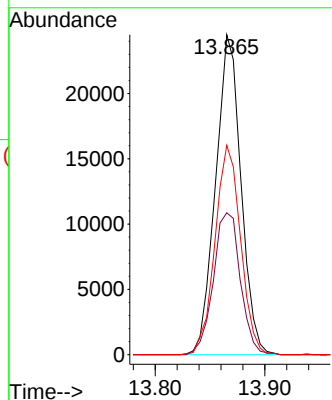
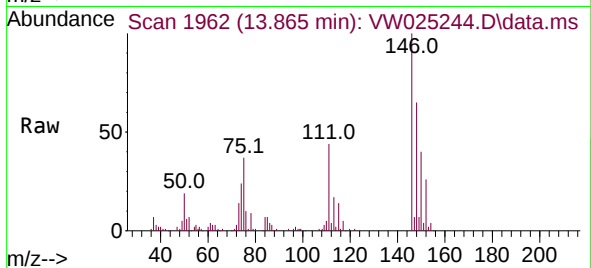
Tgt Ion:146 Resp: 39430

Ion Ratio Lower Upper

146 100

111 44.4 37.8 56.6

148 65.4 52.4 78.6



#68

1,2-Dibromo-3-chloropropane

Concen: 4.097 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW025244.D

Acq: 30 Jan 2023 10:32

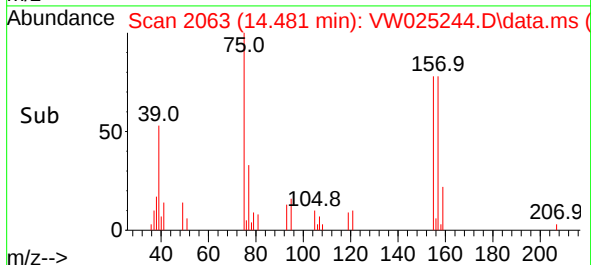
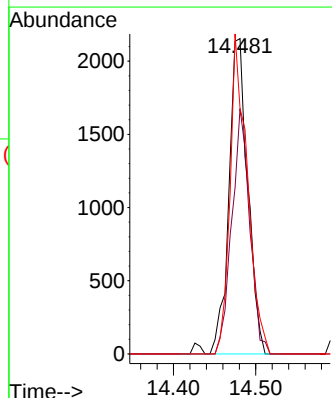
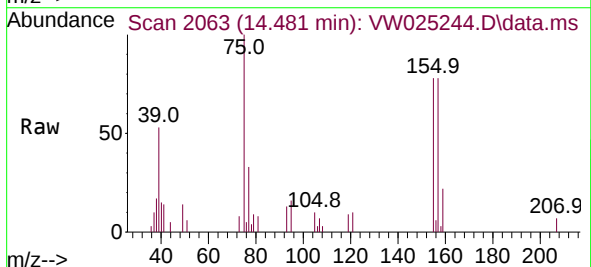
Tgt Ion: 75 Resp: 3472

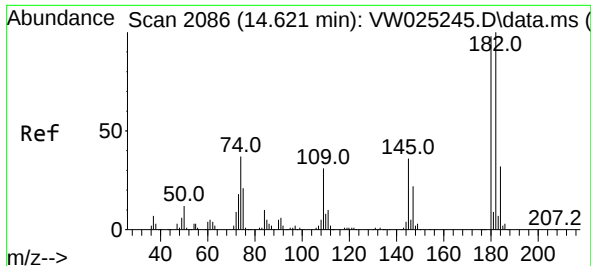
Ion Ratio Lower Upper

75 100

155 77.8 59.8 89.6

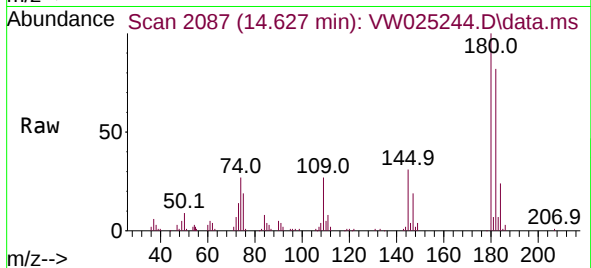
157 77.9 78.5 117.7#



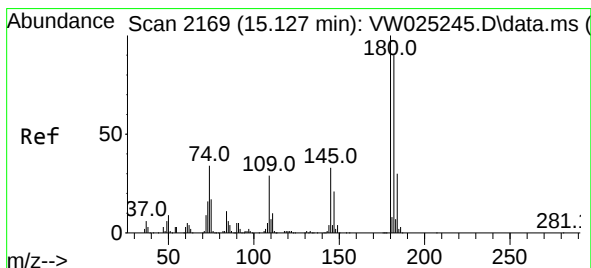
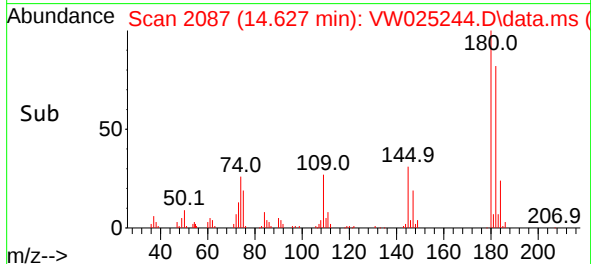
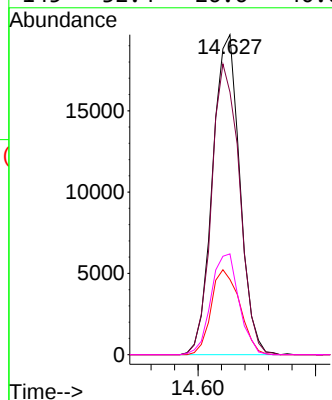


#69
 1,3,5-Trichlorobenzene
 Concen: 4.162 ug/L
 RT: 14.627 min Scan# 2086
 Delta R.T. 0.006 min
 Lab File: VW025244.D
 Acq: 30 Jan 2023 10:32

Instrument :
 MSVOA_W
 ClientSampleId :

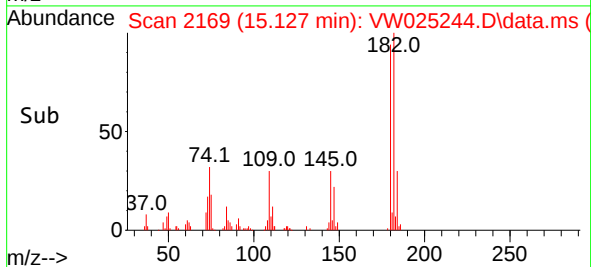
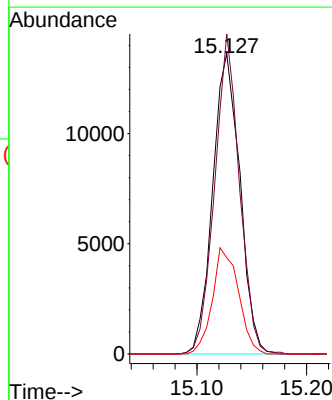
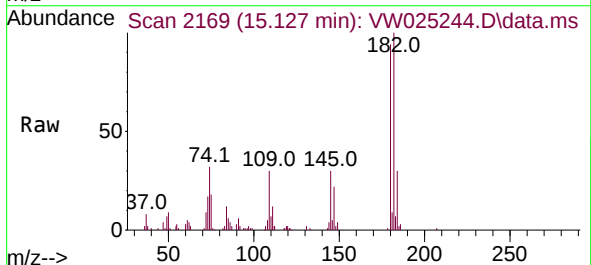


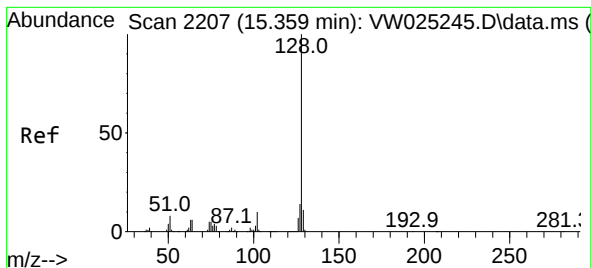
Tgt Ion:180 Resp: 31691
 Ion Ratio Lower Upper
 180 100
 182 93.1 74.9 112.3
 184 27.9 24.7 37.1
 145 32.4 26.6 40.0



#70
 1,2,4-trichlorobenzene
 Concen: 3.852 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. 0.000 min
 Lab File: VW025244.D
 Acq: 30 Jan 2023 10:32

Tgt Ion:180 Resp: 23502
 Ion Ratio Lower Upper
 180 100
 182 96.8 73.5 110.3
 145 33.9 27.0 40.6





#71

Naphthalene

Concen: 3.870 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. 0.000 min

Lab File: VW025244.D

Acq: 30 Jan 2023 10:32

Instrument :

MSVOA_W

ClientSampleId :

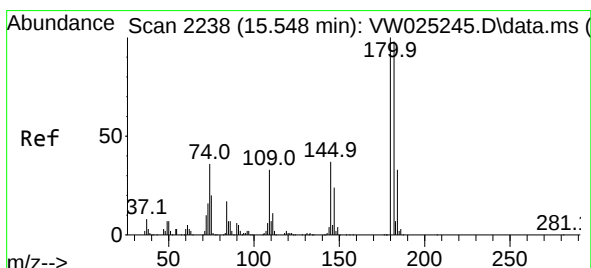
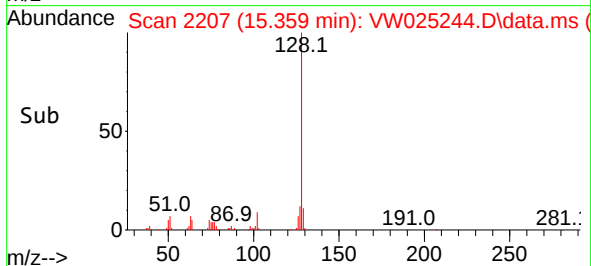
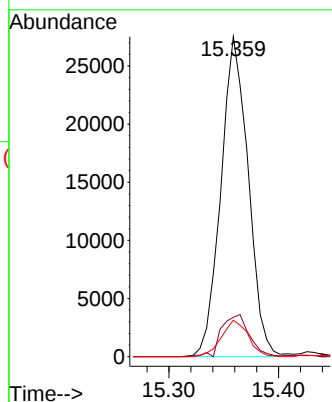
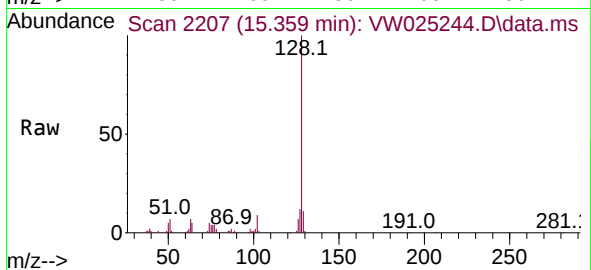
Tgt Ion:128 Resp: 47670

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

129 11.1 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 4.315 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. 0.000 min

Lab File: VW025244.D

Acq: 30 Jan 2023 10:32

Tgt Ion:180 Resp: 23788

Ion Ratio Lower Upper

180 100

182 94.6 78.1 117.1

145 34.1 29.5 44.3

