

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW013023\
 Data File : VW025245.D
 Acq On : 30 Jan 2023 10:56
 Operator : SY/MD
 Sample : VSTD02507
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 31 00:50:16 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	392513	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	342453	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	170882	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	108962	24.861	ug/L	0.00
7) Chloroethane-d5	2.879	69	72061	25.578	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	260858	25.352	ug/L	0.00
21) 2-Butanone-d5	7.074	46	56410	47.144	ug/L	0.00
24) Chloroform-d	7.653	84	265371	25.483	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	137342	24.623	ug/L	0.00
32) Benzene-d6	8.275	84	535410	26.365	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.275	67	150482	25.603	ug/L	0.00
41) Toluene-d8	10.323	98	490471	26.171	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.573	79	66086	25.534	ug/L	0.00
47) 2-Hexanone-d5	10.921	63	46598	49.674	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.689	84	112120	24.763	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.847	152	156735	25.668	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.001	85	55841	22.893	ug/L	100
3) Chloromethane	2.209	50	107763	23.617	ug/L	100
5) Vinyl chloride	2.355	62	145444	25.299	ug/L	100
6) Bromomethane	2.776	94	72558	24.169	ug/L	100
8) Chloroethane	2.916	64	63204	24.455	ug/L	100
9) Trichlorofluoromethane	3.257	101	111351	25.429	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	148943	25.482	ug/L	100
12) 1,1-Dichloroethene	4.038	96	139899	25.530	ug/L	100
13) Acetone	4.123	43	67461	52.076	ug/L	100
14) Carbon disulfide	4.385	76	460537	25.483	ug/L	100
15) Methyl Acetate	4.672	43	51737	24.177	ug/L	100
16) Methylene chloride	4.909	84	138312	22.218	ug/L	100
17) trans-1,2-Dichloroethene	5.422	96	143723	25.162	ug/L	100
18) Methyl tert-butyl Ether	5.422	73	203358	24.683	ug/L	100
19) 1,1-Dichloroethane	6.220	63	259237	25.486	ug/L	100
20) cis-1,2-Dichloroethene	7.171	96	153619	25.725	ug/L	100
22) 2-Butanone	7.171	43	80603	51.091	ug/L	100
23) Bromochloromethane	7.519	128	63742	24.807	ug/L	100
25) Chloroform	7.677	83	265807	25.589	ug/L	100
27) 1,2-Dichloroethane	8.397	62	173231	25.098	ug/L	100
29) Cyclohexane	7.952	56	247188	26.327	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	226090	25.428	ug/L	100
31) Carbon tetrachloride	8.067	117	214796	25.682	ug/L	100
33) Benzene	8.323	78	580012	25.808	ug/L	100
34) Trichloroethene	9.092	95	157099	25.661	ug/L	100
35) Methylcyclohexane	9.335	83	276726	26.006	ug/L	100
37) 1,2-Dichloropropane	9.366	63	138898	25.626	ug/L	100
38) Bromodichloromethane	9.640	83	184521	25.425	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	232198	26.052	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	141104	49.803	ug/L	100
42) Toluene	10.384	91	620229	26.114	ug/L	100
44) trans-1,3-Dichloropropene	10.604	75	191860	25.648	ug/L	100

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 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

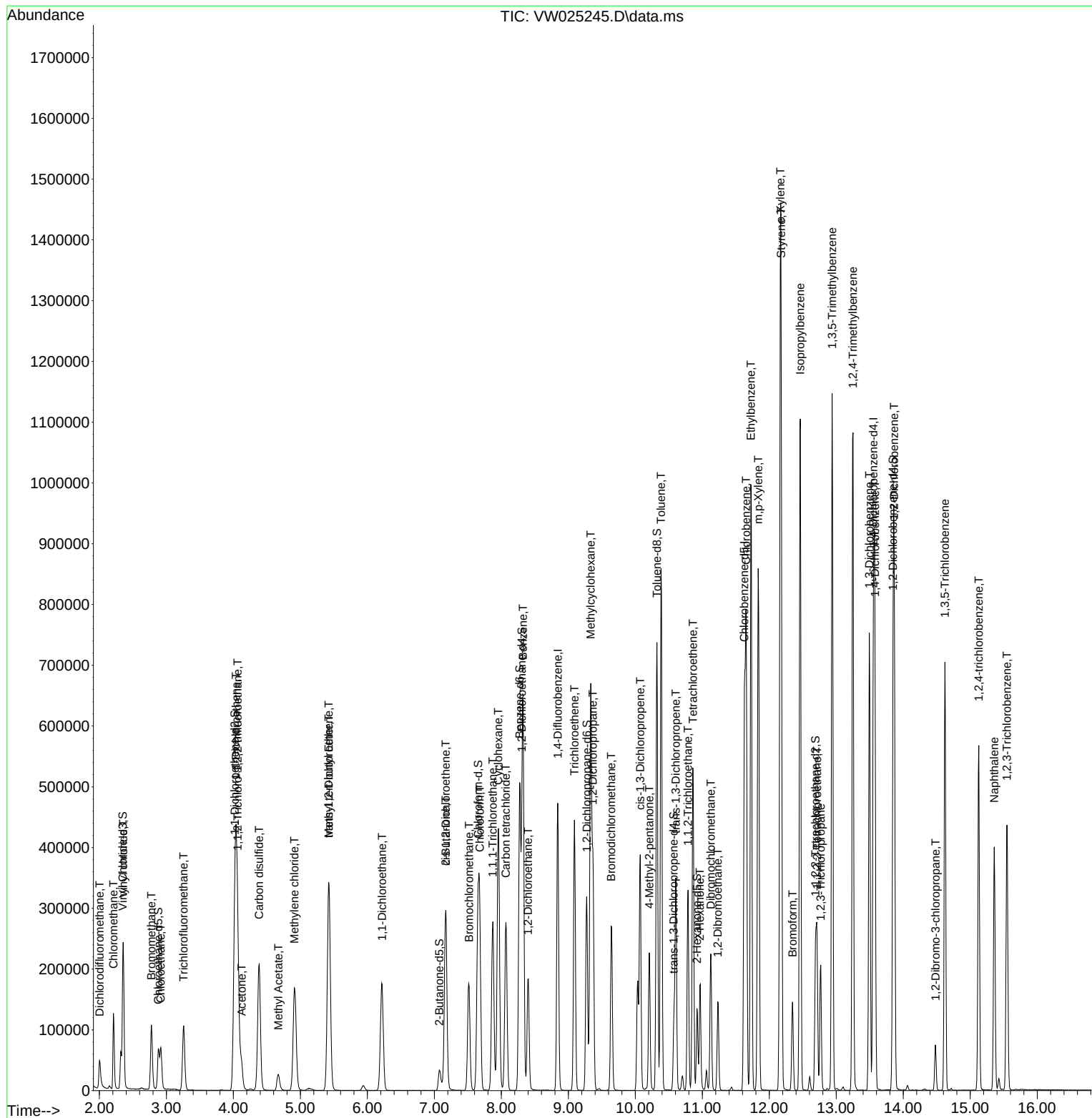
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	101509	24.902	ug/L	100
46) Tetrachloroethene	10.860	164	114163	25.310	ug/L	100
48) 2-Hexanone	10.963	43	109171	50.821	ug/L	100
49) Dibromochloromethane	11.128	129	117870	25.385	ug/L	100
50) 1,2-Dibromoethane	11.231	107	98213	25.013	ug/L	100
51) Chlorobenzene	11.652	112	392351	25.803	ug/L	100
52) Ethylbenzene	11.725	91	721967	26.186	ug/L	100
53) m,p-Xylene	11.835	106	272375	25.995	ug/L	100
54) o-Xylene	12.164	106	259820	26.414	ug/L	100
55) Styrene	12.176	104	435716	26.307	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	115341	24.502	ug/L	100
59) Bromoform	12.347	173	66300	23.474	ug/L	100
60) Isopropylbenzene	12.463	105	737850	24.650	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	85746	22.798	ug/L	100
62) 1,3,5-Trimethylbenzene	12.938	105	612045	25.876	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	607400	26.243	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	294369	24.456	ug/L	100
65) 1,4-Dichlorobenzene	13.579	146	293492	24.540	ug/L	100
67) 1,2-Dichlorobenzene	13.865	146	263938	26.125	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.481	75	19697	22.280	ug/L	100
69) 1,3,5-Trichlorobenzene	14.621	180	205049	25.817	ug/L	100
70) 1,2,4-trichlorobenzene	15.127	180	168081	26.407	ug/L	100
71) Naphthalene	15.359	128	331899	25.826	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	140474	24.428	ug/L	100

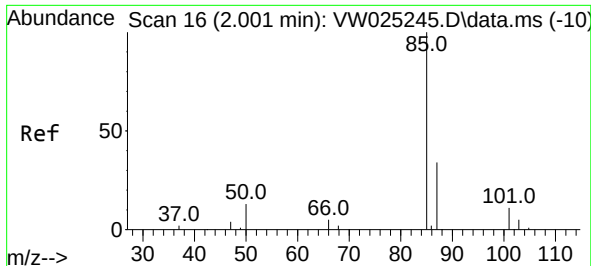
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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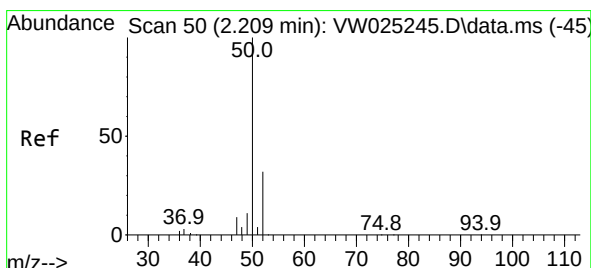
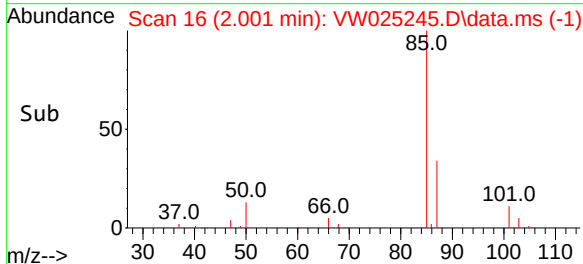
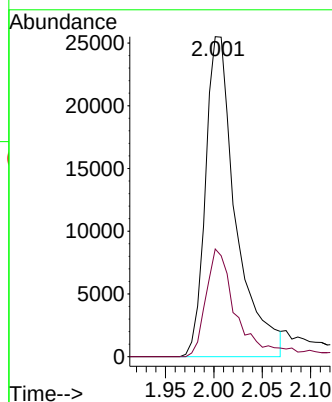
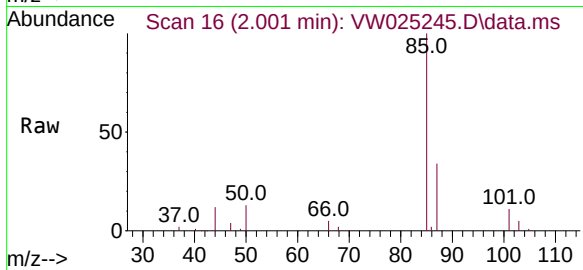




#2
 Dichlorodifluoromethane
 Concen: 22.893 ug/L
 RT: 2.001 min Scan# 16
 Delta R.T. 0.000 min
 Lab File: VW025245.D
 Acq: 30 Jan 2023 10:56

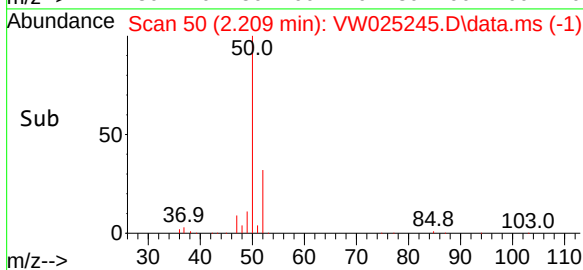
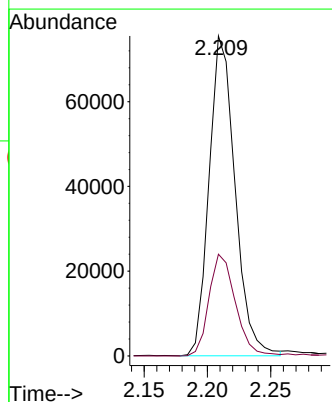
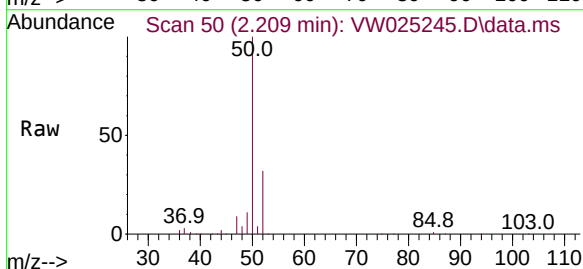
Instrument :
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 ClientSampleId :

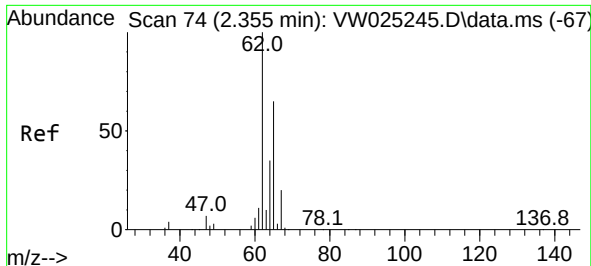
Tgt Ion: 85 Resp: 55841
 Ion Ratio Lower Upper
 85 100
 87 30.8 24.6 37.0



#3
 Chloromethane
 Concen: 23.617 ug/L
 RT: 2.209 min Scan# 50
 Delta R.T. 0.000 min
 Lab File: VW025245.D
 Acq: 30 Jan 2023 10:56

Tgt Ion: 50 Resp: 107763
 Ion Ratio Lower Upper
 50 100
 52 31.8 22.3 41.3

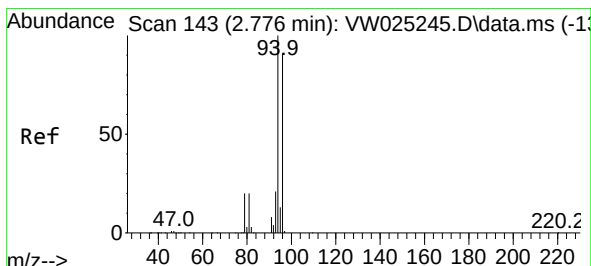
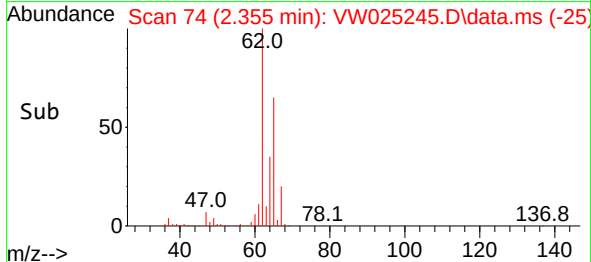
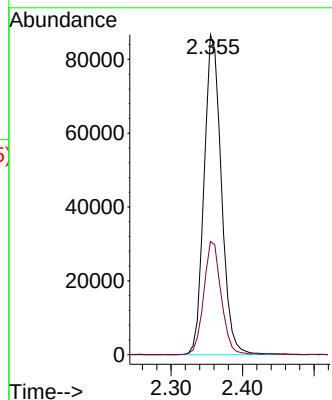
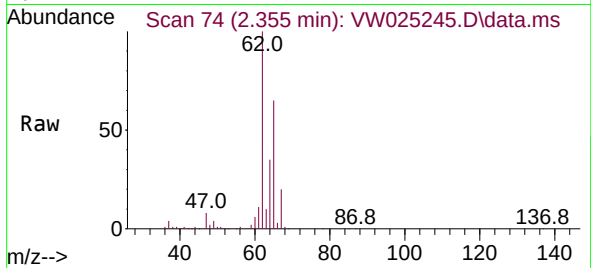




#5
 Vinyl chloride
 Concen: 25.299 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. 0.000 min
 Lab File: VW025245.D
 Acq: 30 Jan 2023 10:56

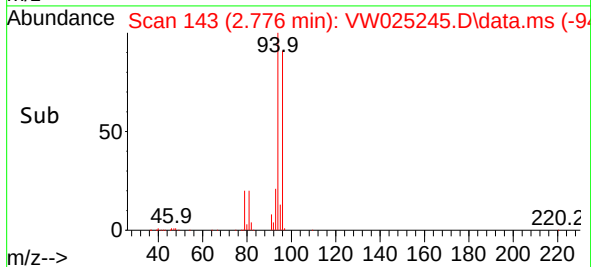
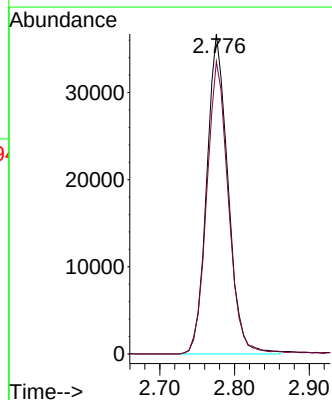
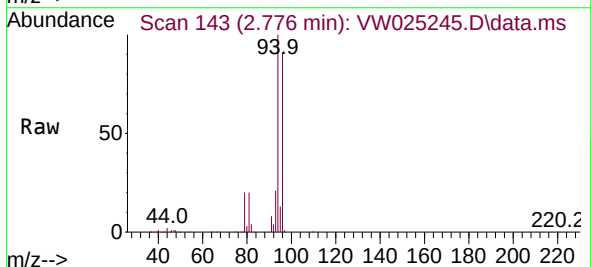
Instrument :
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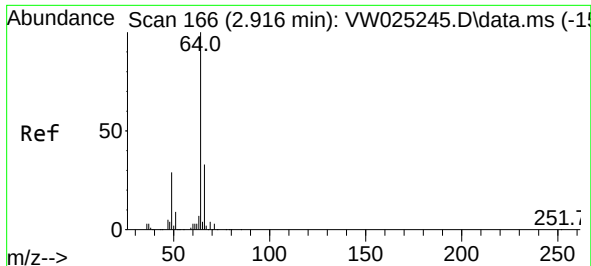
Tgt Ion: 62 Resp: 145444
 Ion Ratio Lower Upper
 62 100
 64 35.3 24.7 45.9



#6
 Bromomethane
 Concen: 24.169 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. 0.000 min
 Lab File: VW025245.D
 Acq: 30 Jan 2023 10:56

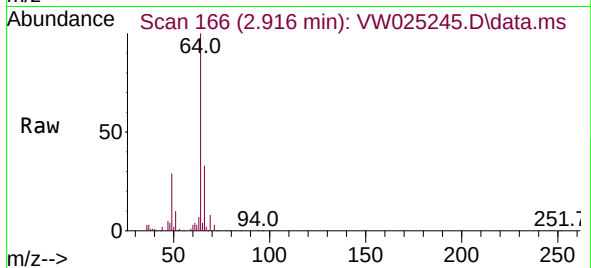
Tgt Ion: 94 Resp: 72558
 Ion Ratio Lower Upper
 94 100
 96 91.4 64.0 118.8



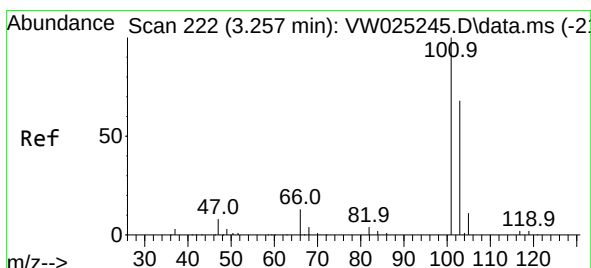
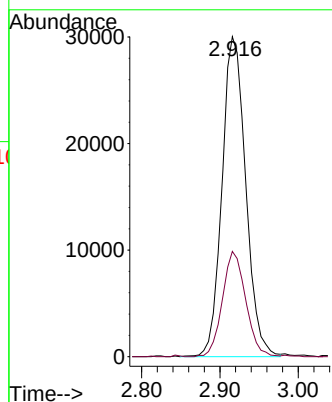
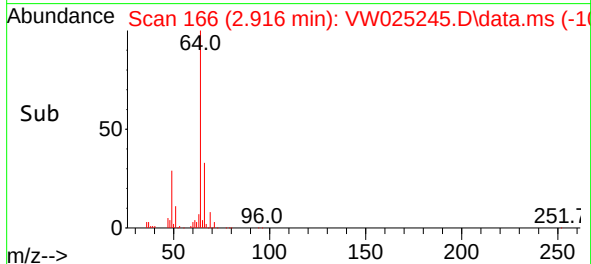


#8
Chloroethane
Concen: 24.455 ug/L
RT: 2.916 min Scan# 166
Delta R.T. 0.000 min
Lab File: VW025245.D
Acq: 30 Jan 2023 10:56

Instrument :
MSVOA_W
ClientSampleId :

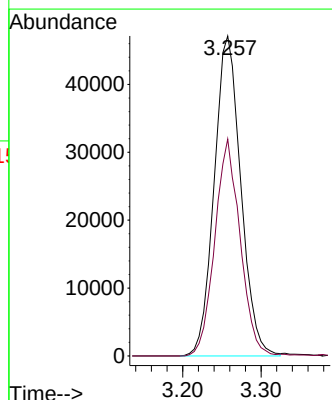
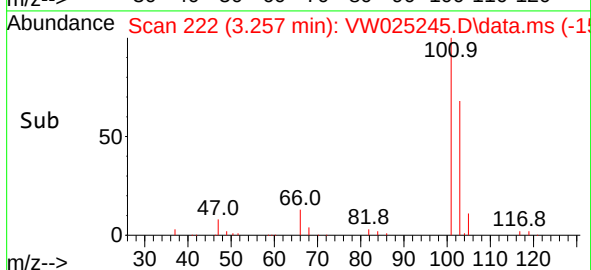
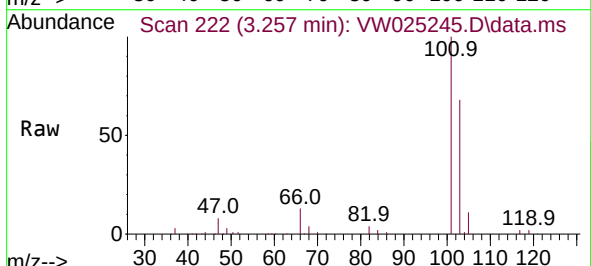


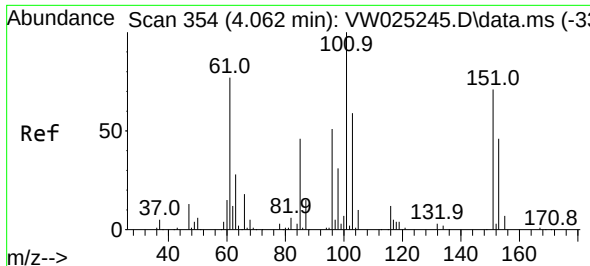
Tgt Ion: 64 Resp: 63204
Ion Ratio Lower Upper
64 100
66 32.9 23.0 42.8



#9
Trichlorofluoromethane
Concen: 25.429 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.000 min
Lab File: VW025245.D
Acq: 30 Jan 2023 10:56

Tgt Ion: 101 Resp: 111351
Ion Ratio Lower Upper
101 100
103 64.3 51.4 77.2

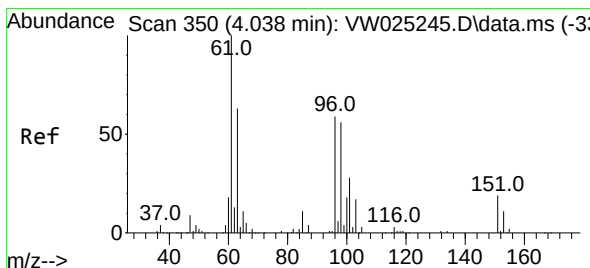
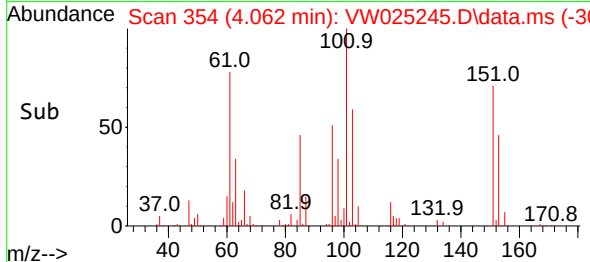
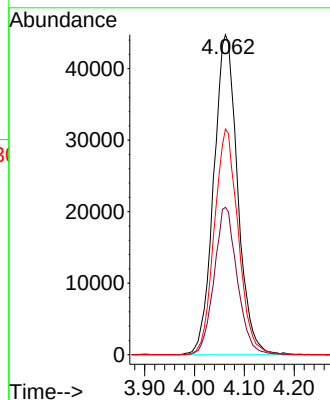
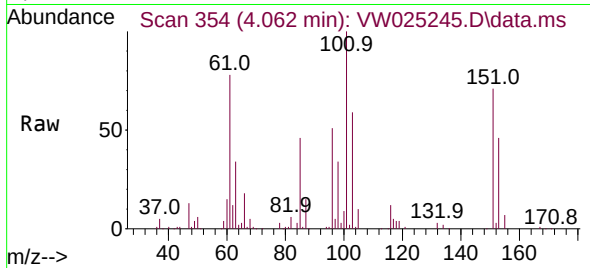




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.482 ug/L
 RT: 4.062 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW025245.D
 Acq: 30 Jan 2023 10:56

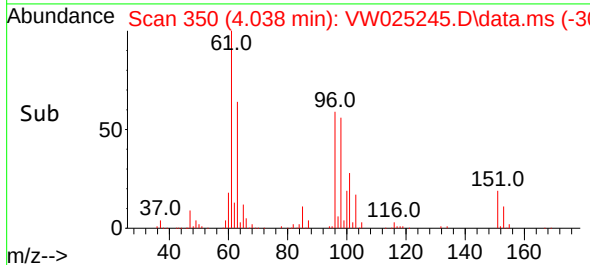
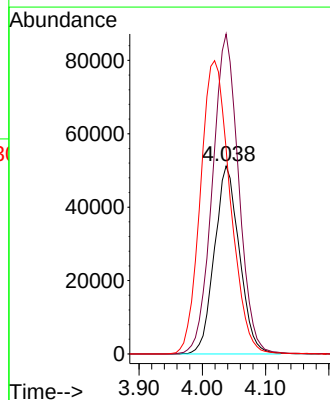
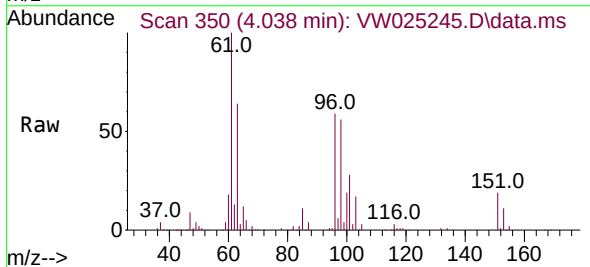
Instrument :
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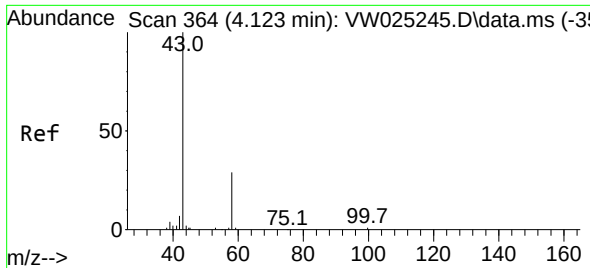
Tgt Ion:101 Resp: 148943
 Ion Ratio Lower Upper
 101 100
 85 44.6 35.7 53.5
 151 70.5 56.4 84.6



#12
 1,1-Dichloroethene
 Concen: 25.530 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. 0.000 min
 Lab File: VW025245.D
 Acq: 30 Jan 2023 10:56

Tgt Ion: 96 Resp: 139899
 Ion Ratio Lower Upper
 96 100
 61 170.2 119.1 221.3
 63 109.1 76.4 141.8





#13

Acetone

Concen: 52.076 ug/L

RT: 4.123 min Scan# 364

Delta R.T. 0.000 min

Lab File: VW025245.D

Acq: 30 Jan 2023 10:56

Instrument :

MSVOA_W

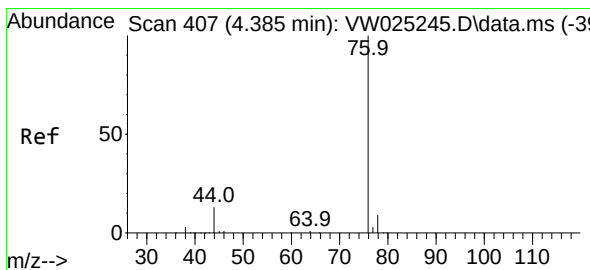
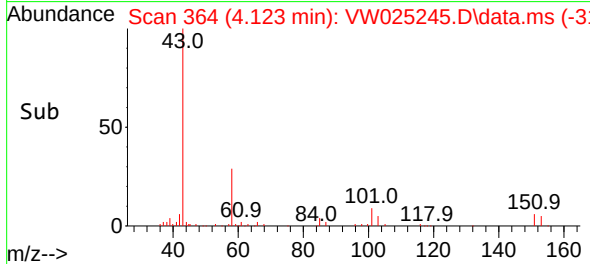
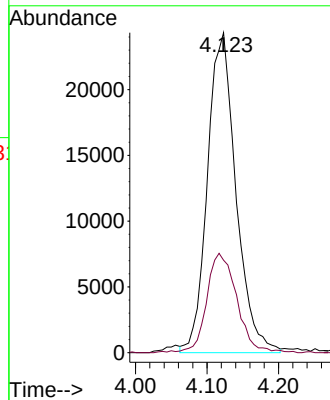
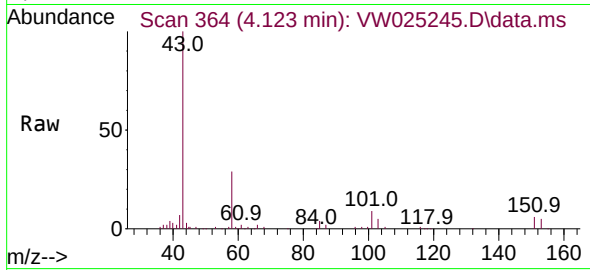
ClientSampleId :

Tgt Ion: 43 Resp: 67461

Ion Ratio Lower Upper

43 100

58 31.8 0.0 63.6



#14

Carbon disulfide

Concen: 25.483 ug/L

RT: 4.385 min Scan# 407

Delta R.T. 0.000 min

Lab File: VW025245.D

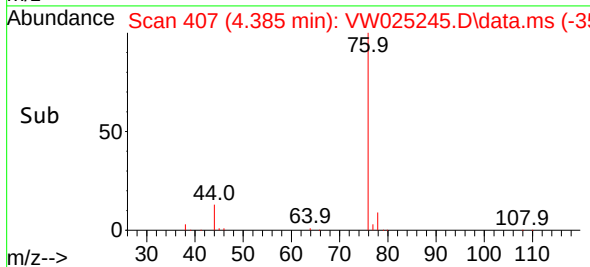
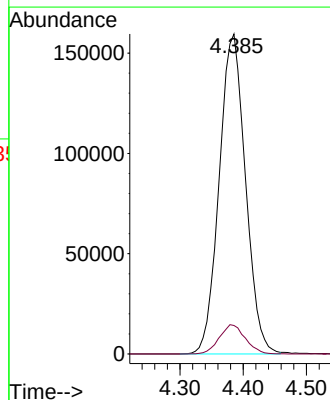
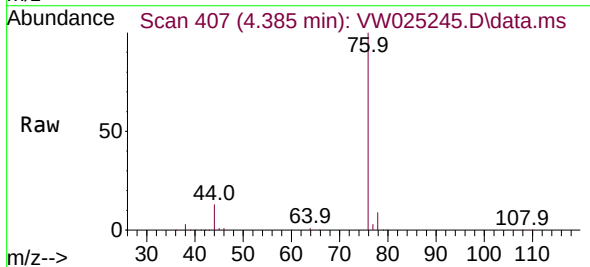
Acq: 30 Jan 2023 10:56

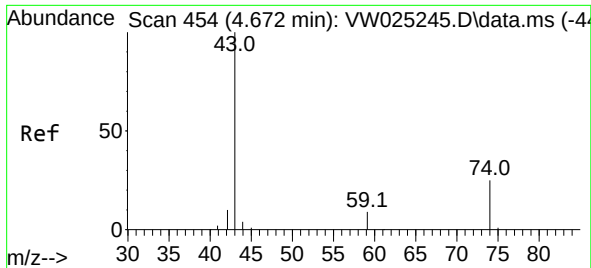
Tgt Ion: 76 Resp: 460537

Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7

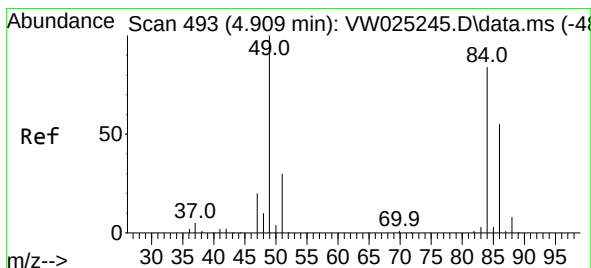
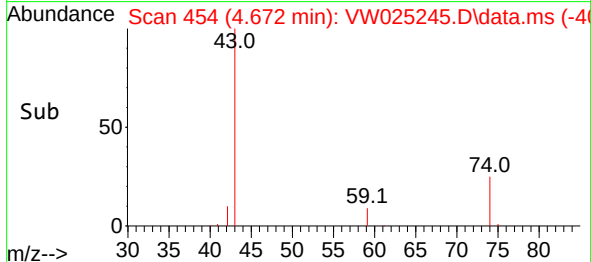
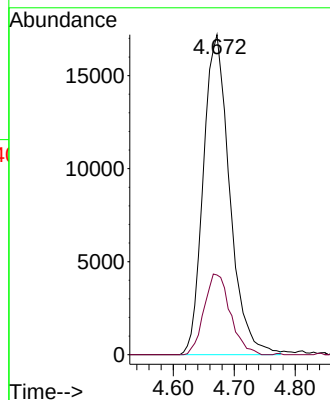
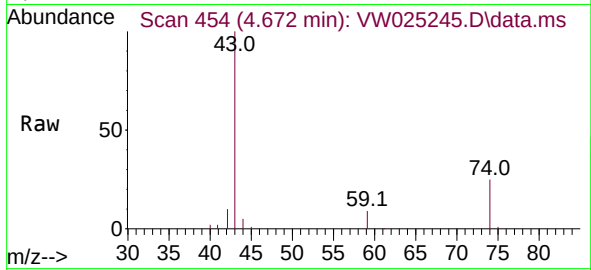




#15
Methyl Acetate
Concen: 24.177 ug/L
RT: 4.672 min Scan# 454
Delta R.T. 0.000 min
Lab File: VW025245.D
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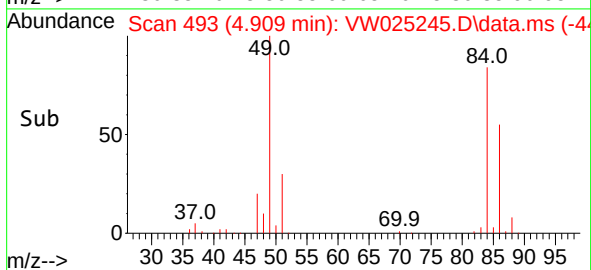
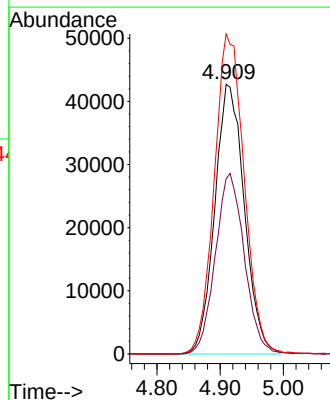
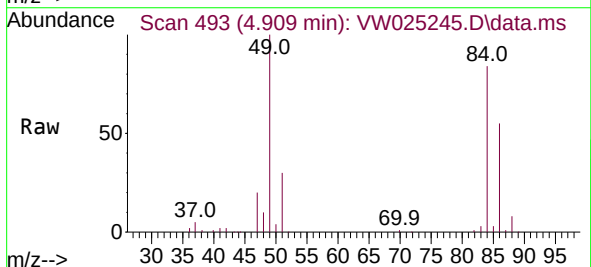
Instrument :
MSVOA_W
ClientSampleId :

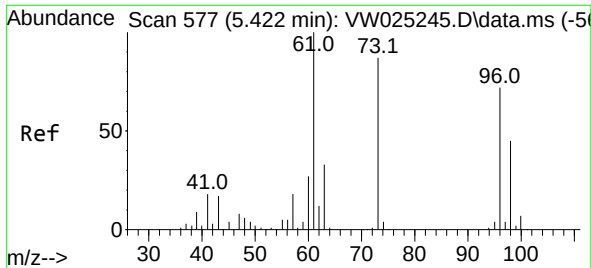
Tgt Ion: 43 Resp: 51737
Ion Ratio Lower Upper
43 100
74 25.0 20.0 30.0



#16
Methylene chloride
Concen: 22.218 ug/L
RT: 4.909 min Scan# 493
Delta R.T. 0.000 min
Lab File: VW025245.D
Acq: 30 Jan 2023 10:56

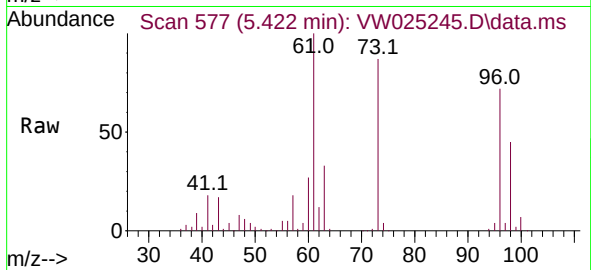
Tgt Ion: 84 Resp: 138312
Ion Ratio Lower Upper
84 100
86 65.0 45.5 84.5
49 118.7 83.1 154.3





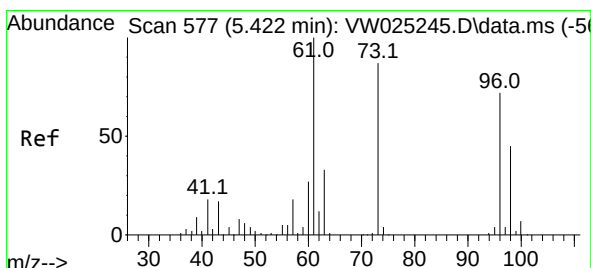
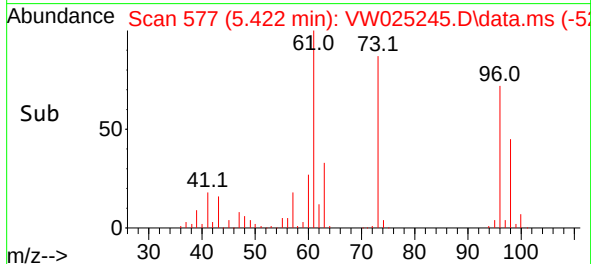
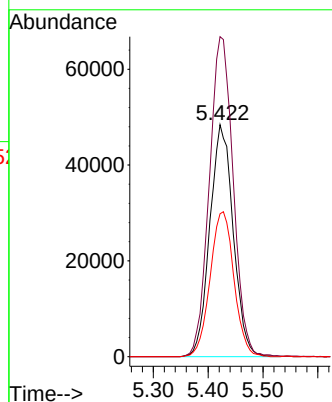
#17
 trans-1,2-Dichloroethene
 Concen: 25.162 ug/L
 RT: 5.422 min Scan# 577
 Delta R.T. 0.000 min
 Lab File: VW025245.D
 Acq: 30 Jan 2023 10:56

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 96 Resp: 143723

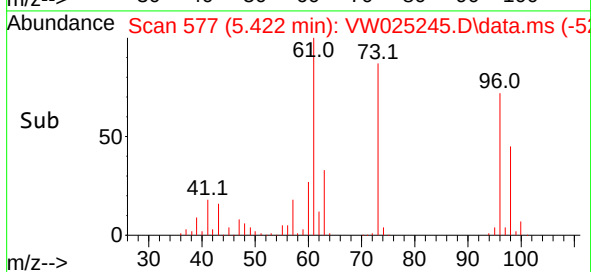
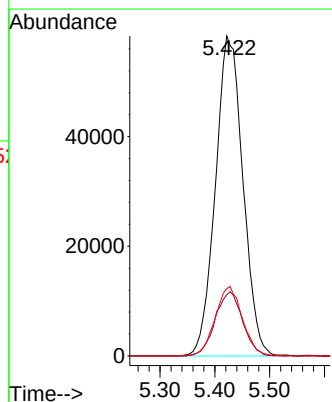
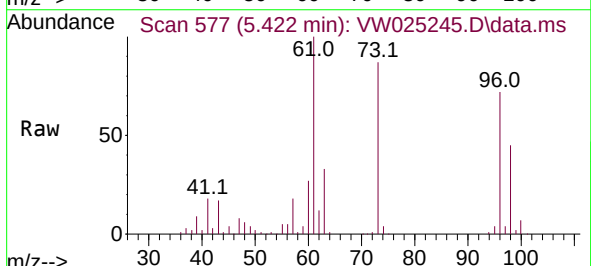
Ion	Ratio	Lower	Upper
96	100		
61	138.0	96.6	179.4
98	61.6	43.1	80.1

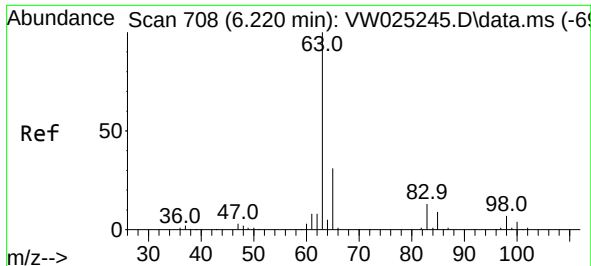


#18
 Methyl tert-butyl Ether
 Concen: 24.683 ug/L
 RT: 5.422 min Scan# 577
 Delta R.T. 0.000 min
 Lab File: VW025245.D
 Acq: 30 Jan 2023 10:56

Tgt Ion: 73 Resp: 203358

Ion	Ratio	Lower	Upper
73	100		
43	20.0	16.0	24.0
57	21.4	17.1	25.7





#19

1,1-Dichloroethane

Concen: 25.486 ug/L

RT: 6.220 min Scan# 708

Delta R.T. 0.000 min

Lab File: VW025245.D

Acq: 30 Jan 2023 10:56

Instrument :

MSVOA_W

ClientSampleId :

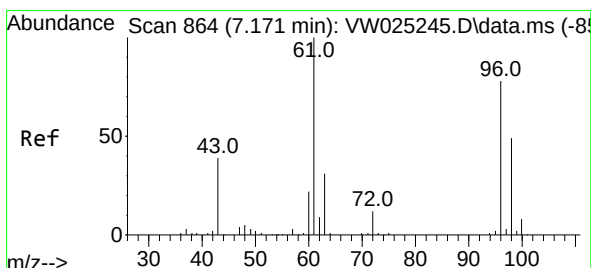
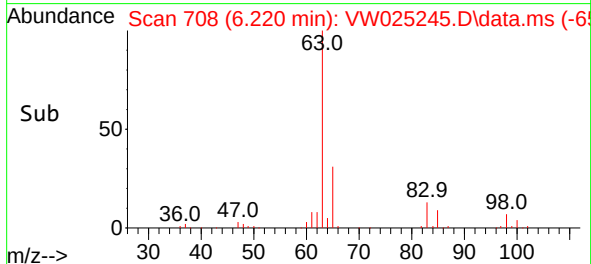
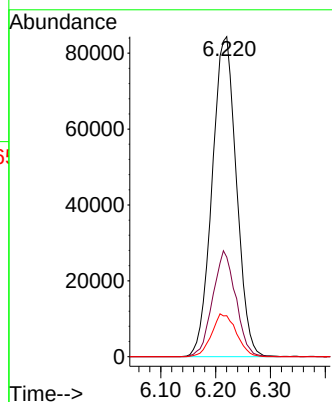
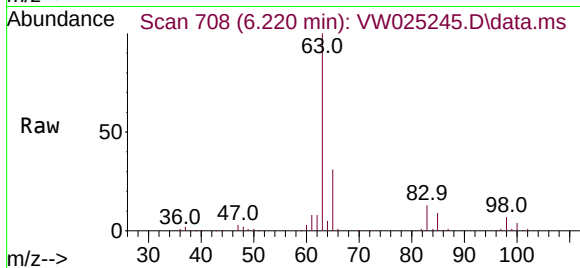
Tgt Ion: 63 Resp: 259237

Ion Ratio Lower Upper

63 100

65 31.1 21.8 40.4

83 12.8 9.0 16.6



#20

cis-1,2-Dichloroethene

Concen: 25.725 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW025245.D

Acq: 30 Jan 2023 10:56

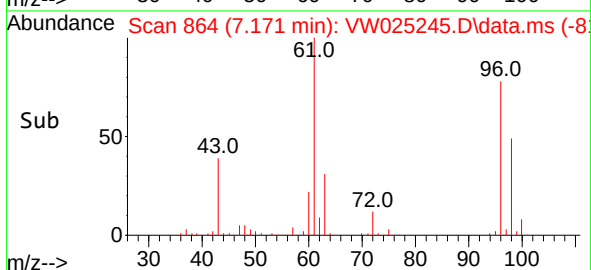
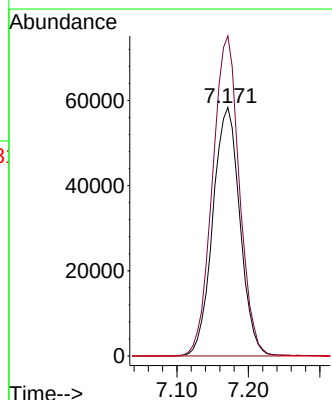
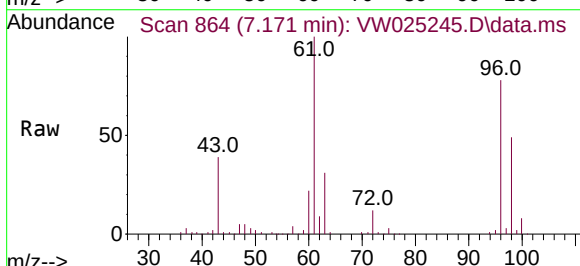
Tgt Ion: 96 Resp: 153619

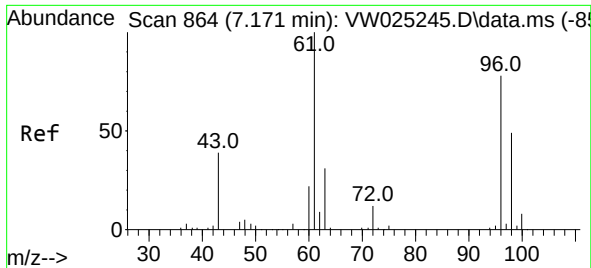
Ion Ratio Lower Upper

96 100

61 128.8 90.2 167.4

68 0.0 0.0 0.0

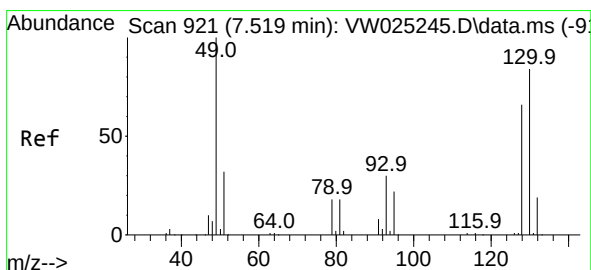
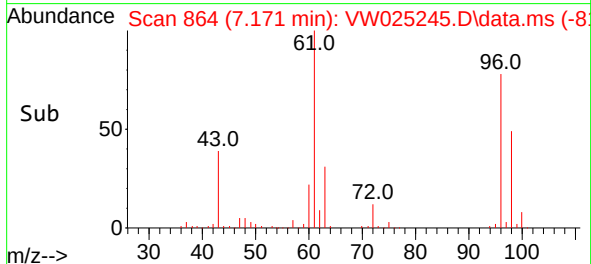
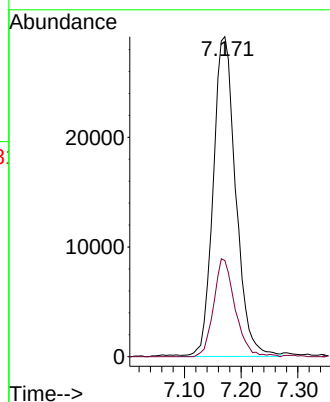
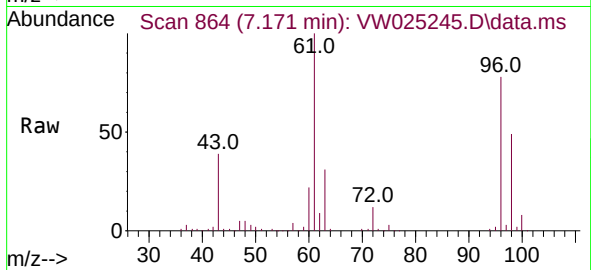




#22
2-Butanone
Concen: 51.091 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW025245.D
Acq: 30 Jan 2023 10:56

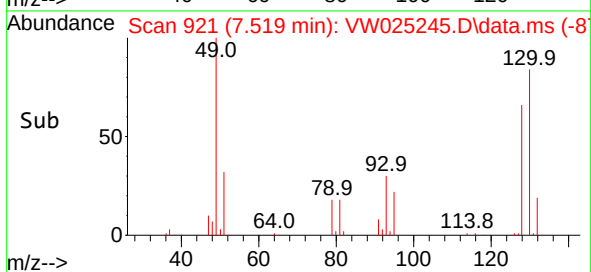
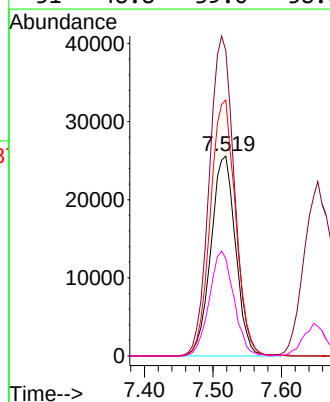
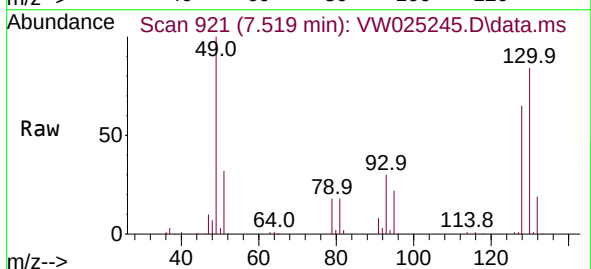
Instrument :
MSVOA_W
ClientSampleId :

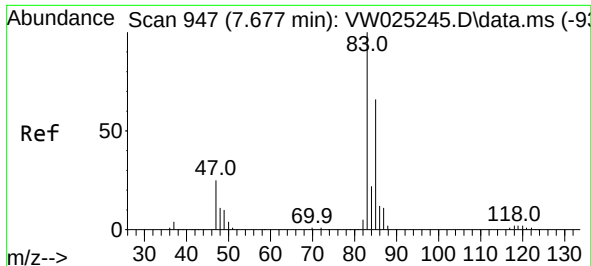
Tgt Ion: 43 Resp: 80603
Ion Ratio Lower Upper
43 100
72 28.8 14.4 43.2



#23
Bromochloromethane
Concen: 24.807 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.000 min
Lab File: VW025245.D
Acq: 30 Jan 2023 10:56

Tgt Ion: 128 Resp: 63742
Ion Ratio Lower Upper
128 100
49 152.8 107.0 198.6
130 128.1 89.7 166.5
51 48.8 39.0 58.6





#25

Chloroform

Concen: 25.589 ug/L

RT: 7.677 min Scan# 94

Delta R.T. 0.000 min

Lab File: VW025245.D

Acq: 30 Jan 2023 10:56

Instrument :

MSVOA_W

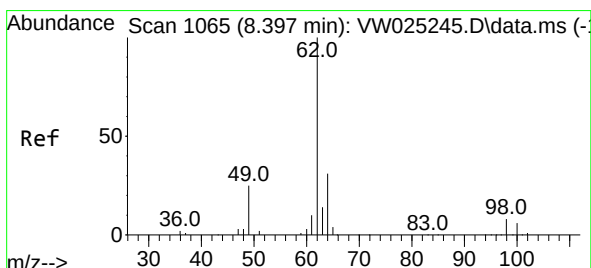
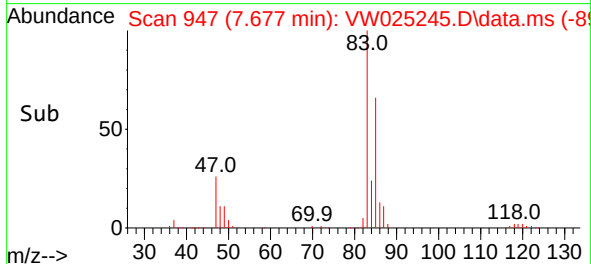
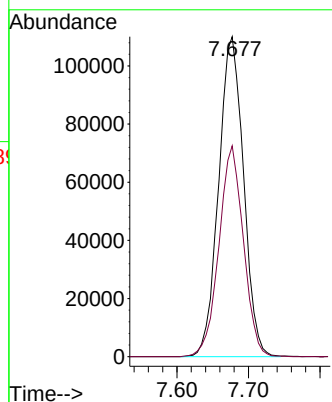
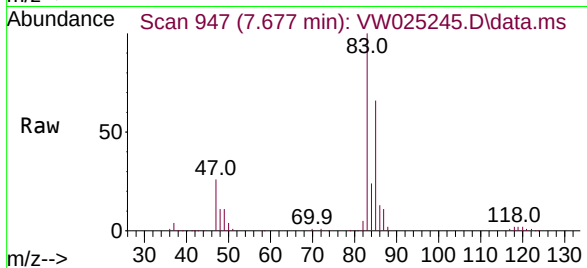
ClientSampleId :

Tgt Ion: 83 Resp: 265807

Ion Ratio Lower Upper

83 100

85 65.9 46.1 85.7



#27

1,2-Dichloroethane

Concen: 25.098 ug/L

RT: 8.397 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VW025245.D

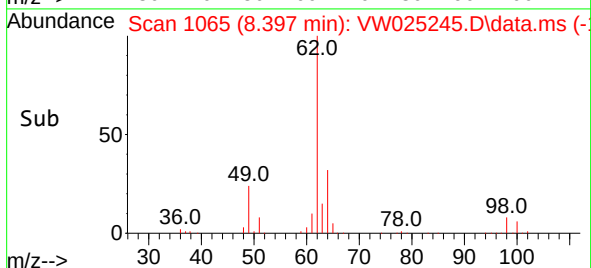
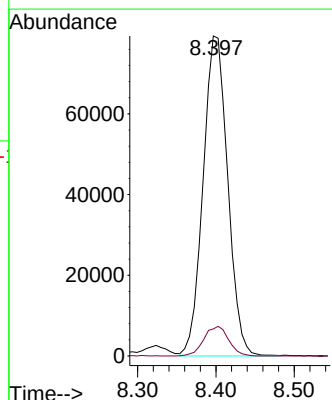
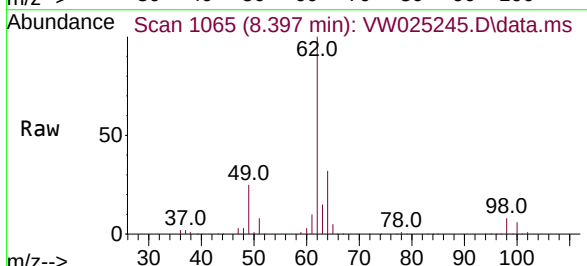
Acq: 30 Jan 2023 10:56

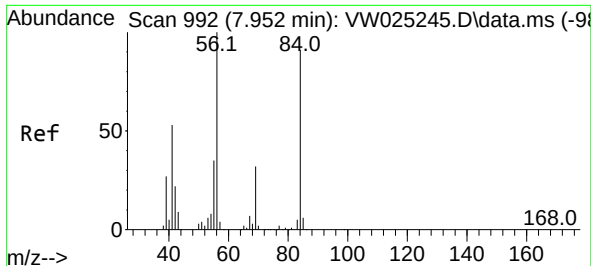
Tgt Ion: 62 Resp: 173231

Ion Ratio Lower Upper

62 100

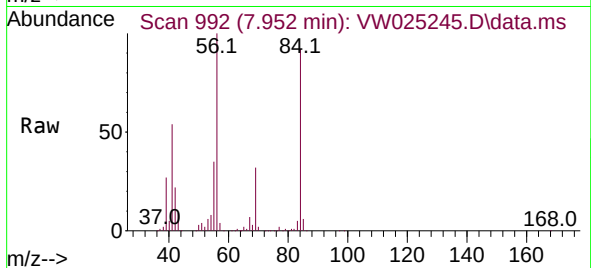
98 8.5 6.8 10.2



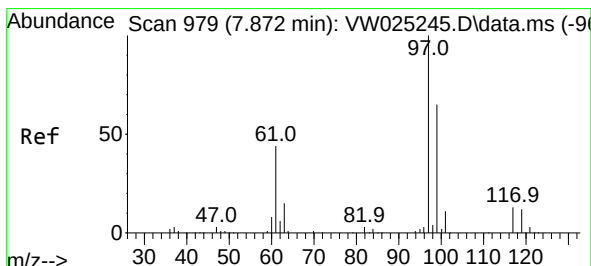
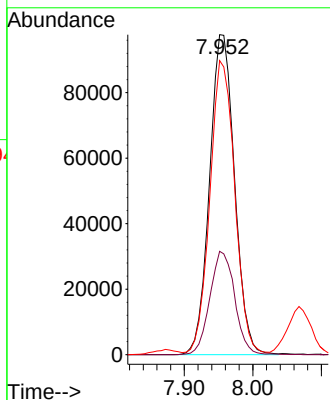
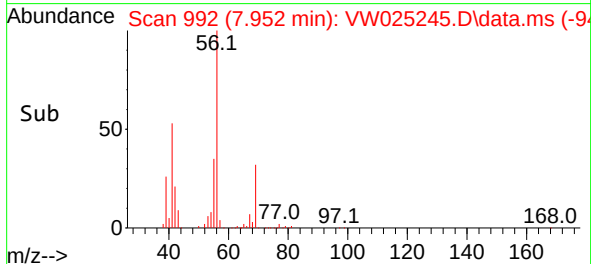


#29
Cyclohexane
Concen: 26.327 ug/L
RT: 7.952 min Scan# 992
Delta R.T. 0.000 min
Lab File: VW025245.D
Acq: 30 Jan 2023 10:56

Instrument :
MSVOA_W
ClientSampleId :

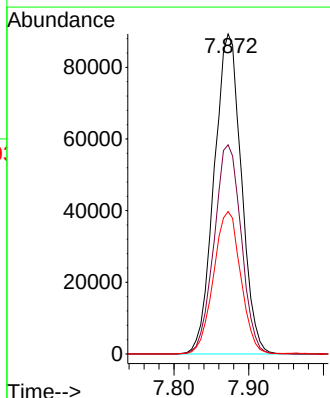
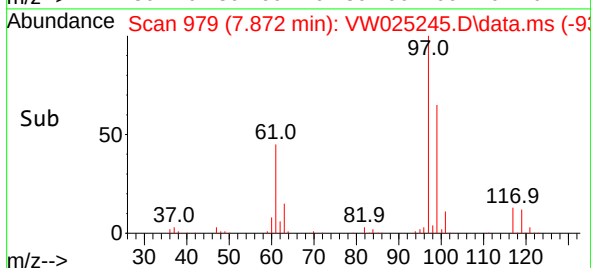
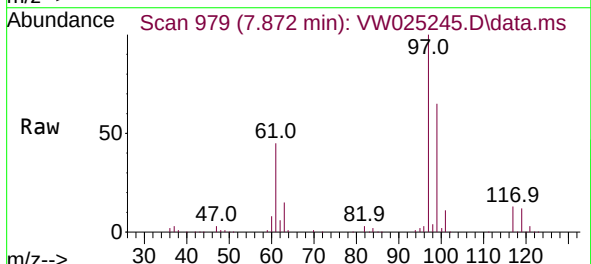


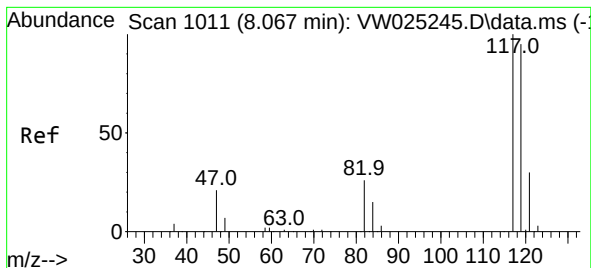
Tgt Ion: 56 Resp: 247188
Ion Ratio Lower Upper
56 100
69 32.0 25.6 38.4
84 91.9 73.5 110.3



#30
1,1,1-Trichloroethane
Concen: 25.428 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW025245.D
Acq: 30 Jan 2023 10:56

Tgt Ion: 97 Resp: 226090
Ion Ratio Lower Upper
97 100
99 65.4 52.3 78.5
61 44.5 35.6 53.4

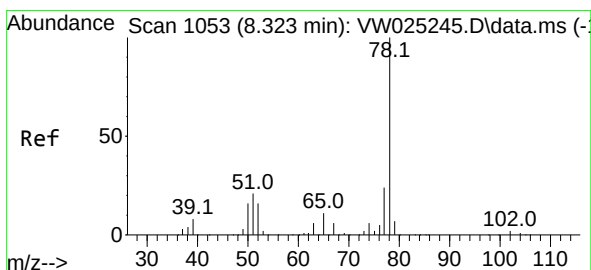
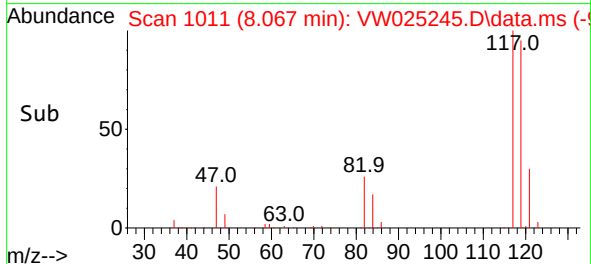
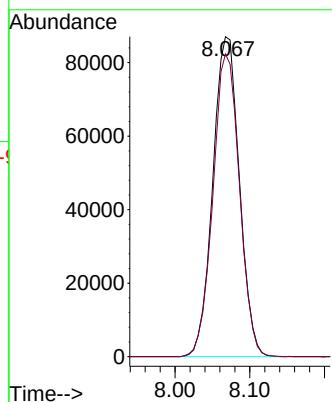
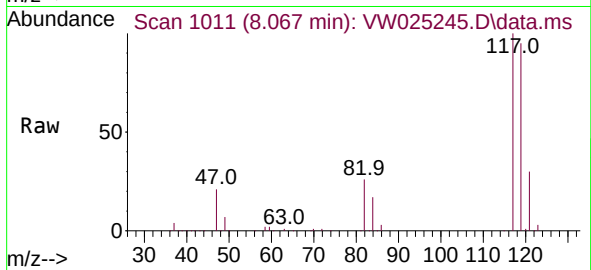




#31
Carbon tetrachloride
Concen: 25.682 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW025245.D
Acq: 30 Jan 2023 10:56

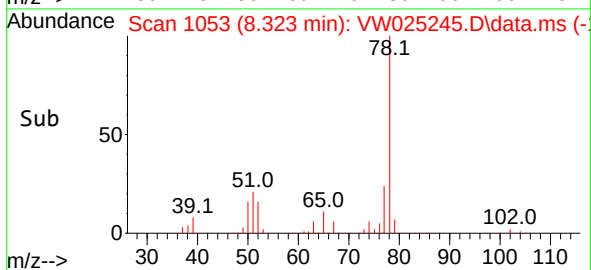
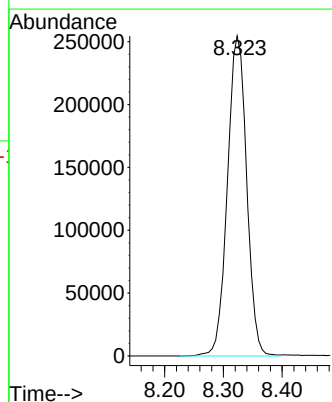
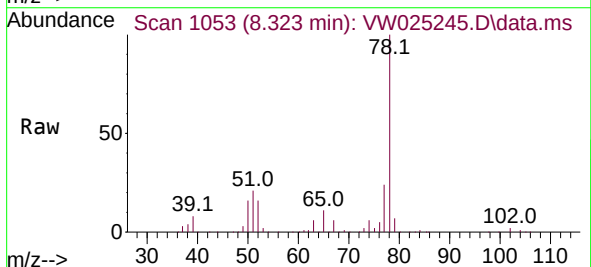
Instrument :
MSVOA_W
ClientSampleId :

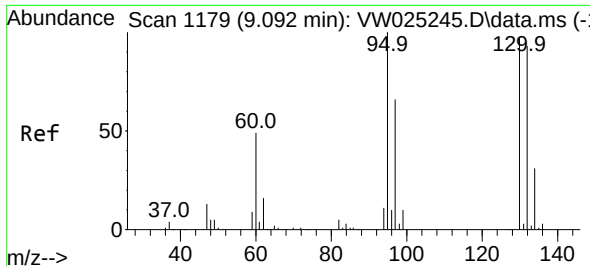
Tgt Ion:117 Resp: 214796
Ion Ratio Lower Upper
117 100
119 94.5 75.6 113.4



#33
Benzene
Concen: 25.808 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW025245.D
Acq: 30 Jan 2023 10:56

Tgt Ion: 78 Resp: 580012





#34

Trichloroethene

Concen: 25.661 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW025245.D

Acq: 30 Jan 2023 10:56

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 157099

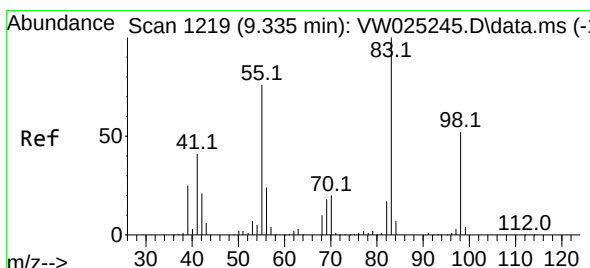
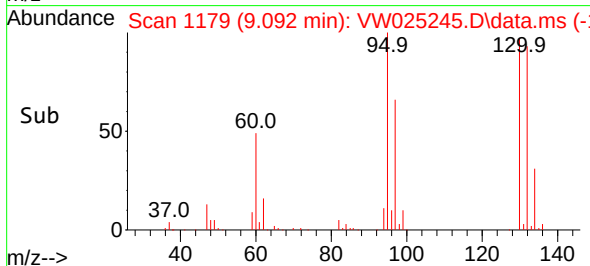
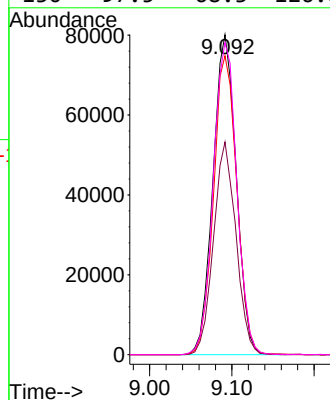
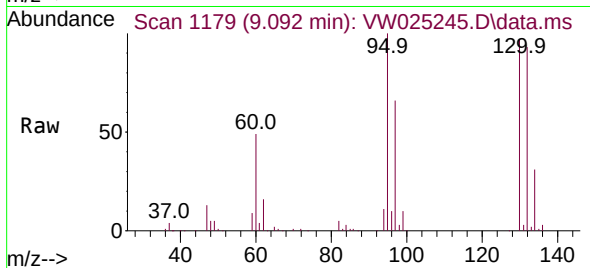
Ion Ratio Lower Upper

95 100

97 66.4 46.5 86.3

132 93.4 65.4 121.4

130 97.5 68.3 126.8



#35

Methylcyclohexane

Concen: 26.006 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW025245.D

Acq: 30 Jan 2023 10:56

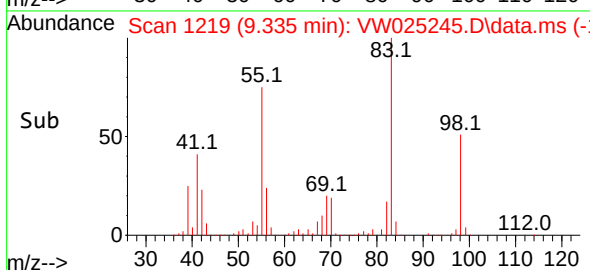
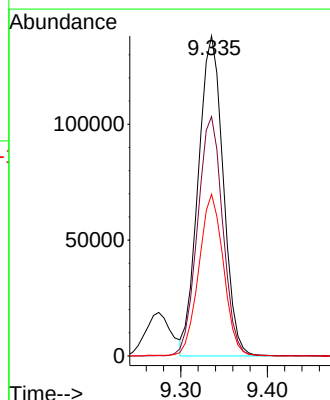
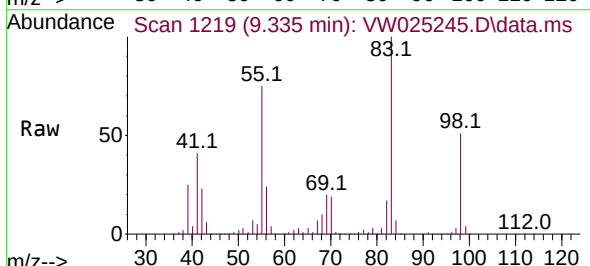
Tgt Ion: 83 Resp: 276726

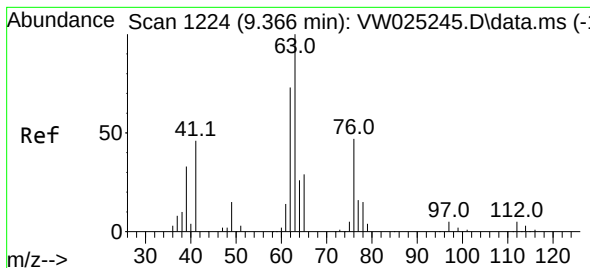
Ion Ratio Lower Upper

83 100

55 75.4 60.3 90.5

98 50.0 40.0 60.0





#37

1,2-Dichloropropane

Concen: 25.626 ug/L

RT: 9.366 min Scan# 1224

Delta R.T. 0.000 min

Lab File: VW025245.D

Acq: 30 Jan 2023 10:56

Instrument :

MSVOA_W

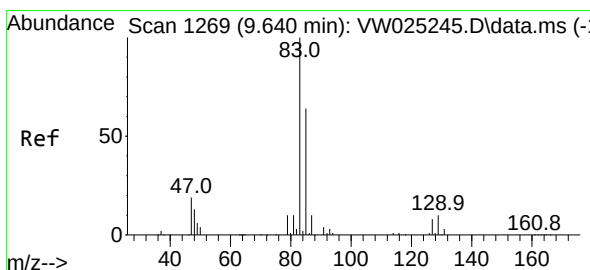
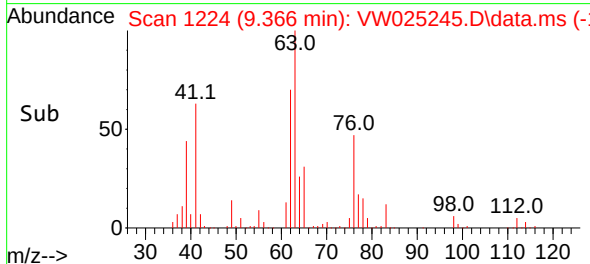
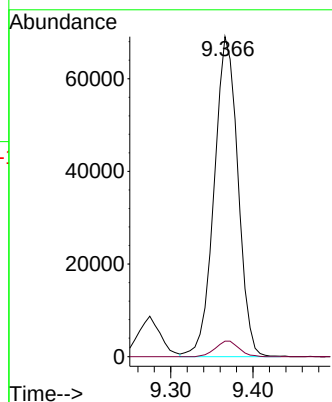
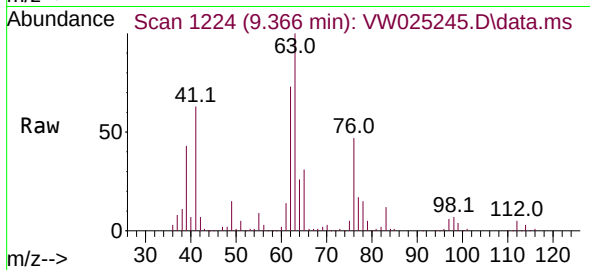
ClientSampleId :

Tgt Ion: 63 Resp: 138898

Ion Ratio Lower Upper

63 100

112 4.8 3.8 5.8



#38

Bromodichloromethane

Concen: 25.425 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. 0.000 min

Lab File: VW025245.D

Acq: 30 Jan 2023 10:56

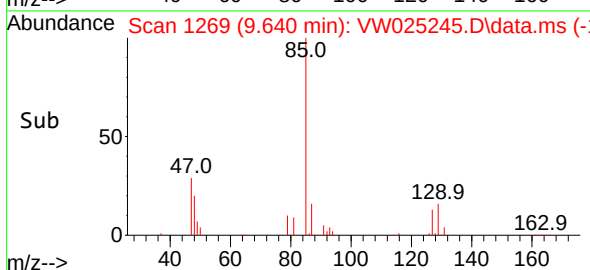
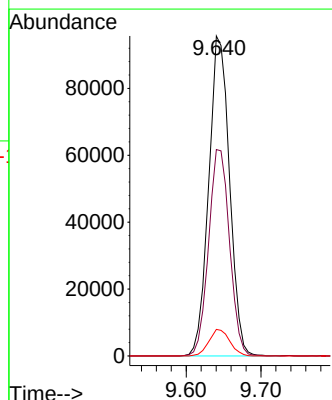
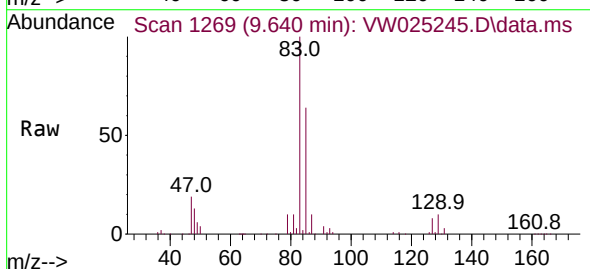
Tgt Ion: 83 Resp: 184521

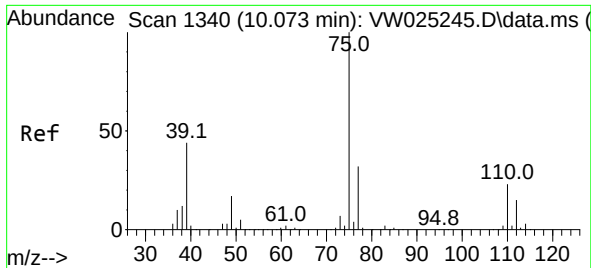
Ion Ratio Lower Upper

83 100

85 64.5 45.1 83.9

127 8.3 6.6 10.0

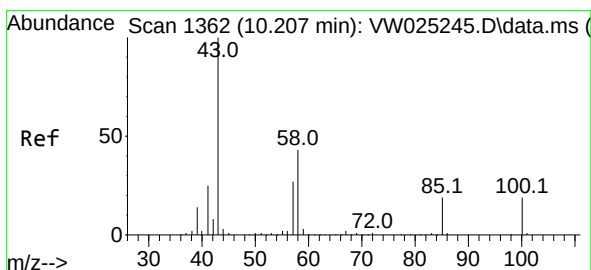
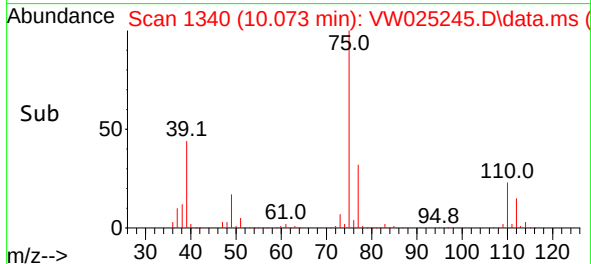
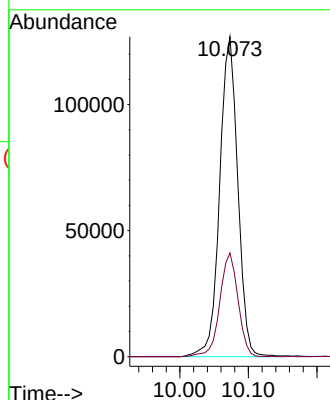
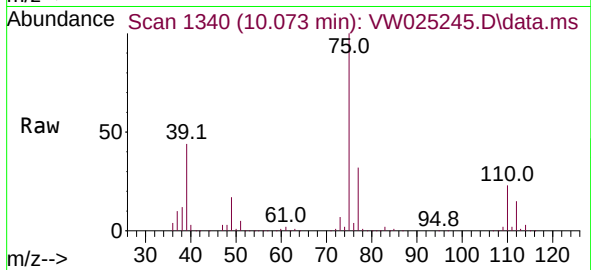




#39
cis-1,3-Dichloropropene
Concen: 26.052 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW025245.D
Acq: 30 Jan 2023 10:56

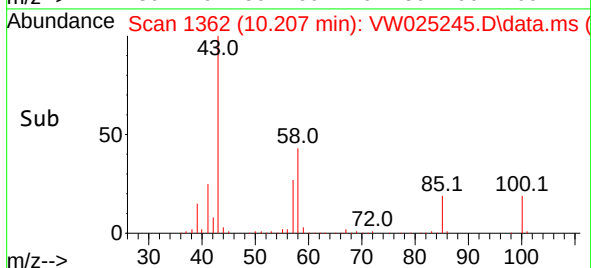
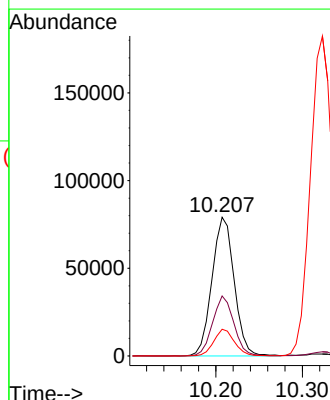
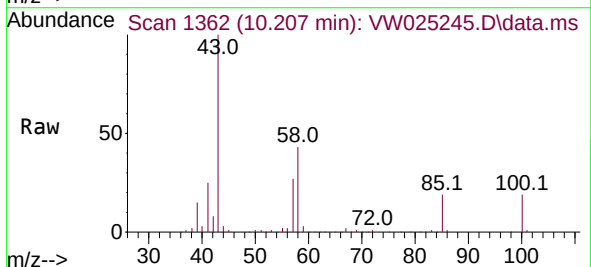
Instrument :
MSVOA_W
ClientSampleId :

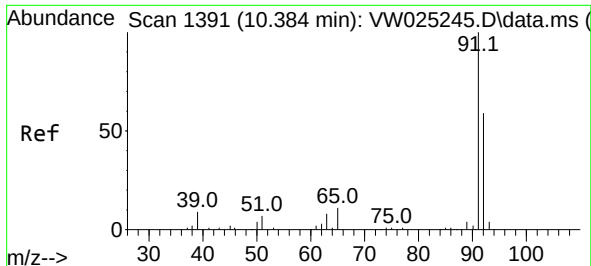
Tgt Ion: 75 Resp: 232198
Ion Ratio Lower Upper
75 100
77 32.4 22.7 42.1



#40
4-Methyl-2-pentanone
Concen: 49.803 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VW025245.D
Acq: 30 Jan 2023 10:56

Tgt Ion: 43 Resp: 141104
Ion Ratio Lower Upper
43 100
58 41.4 33.1 49.7
100 18.0 14.4 21.6

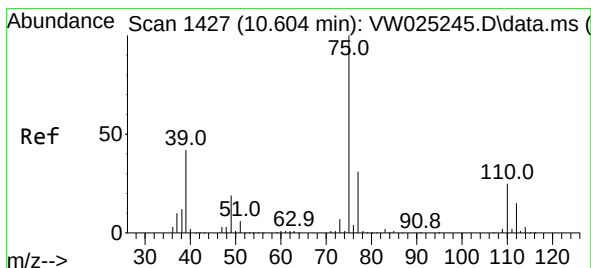
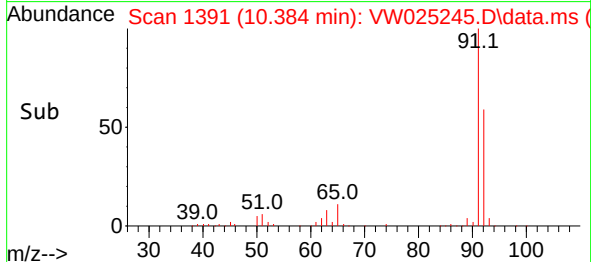
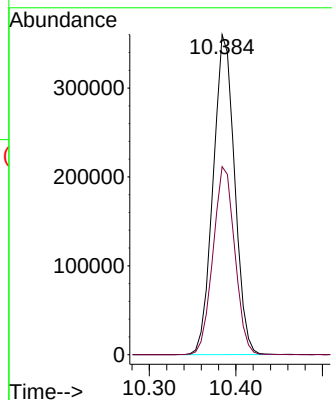
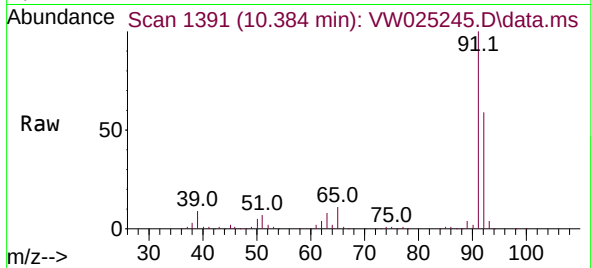




#42
Toluene
Concen: 26.114 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW025245.D
Acq: 30 Jan 2023 10:56

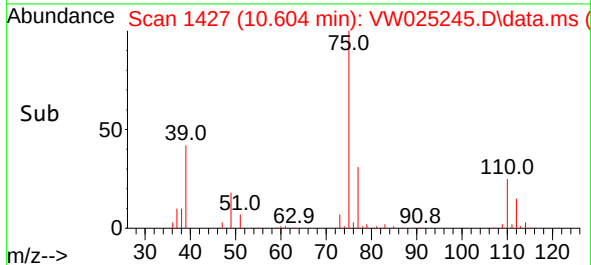
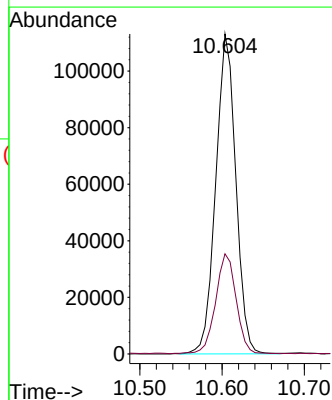
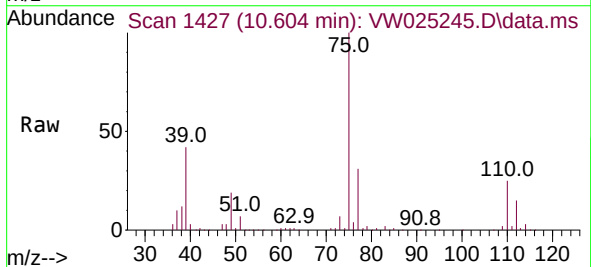
Instrument :
MSVOA_W
ClientSampleId :

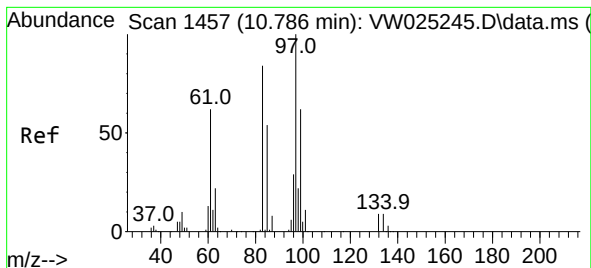
Tgt Ion: 91 Resp: 620229
Ion Ratio Lower Upper
91 100
92 58.8 41.2 76.4



#44
trans-1,3-Dichloropropene
Concen: 25.648 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW025245.D
Acq: 30 Jan 2023 10:56

Tgt Ion: 75 Resp: 191860
Ion Ratio Lower Upper
75 100
77 31.3 21.9 40.7





#45

1,1,2-Trichloroethane

Concen: 24.902 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VW025245.D

Acq: 30 Jan 2023 10:56

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 101509

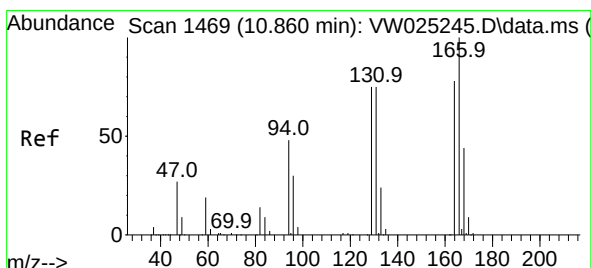
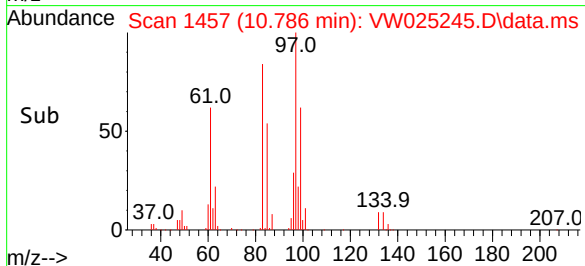
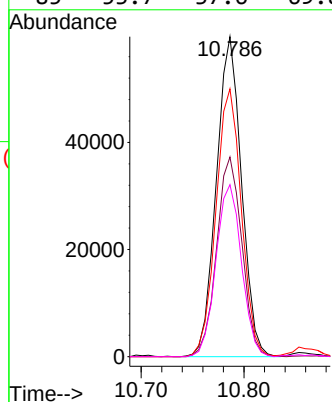
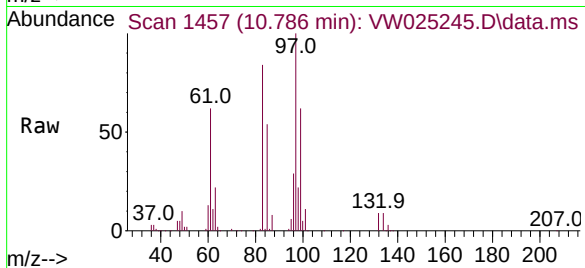
Ion Ratio Lower Upper

97 100

99 62.4 43.7 81.1

83 83.7 58.6 108.8

85 53.7 37.6 69.8



#46

Tetrachloroethene

Concen: 25.310 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. 0.000 min

Lab File: VW025245.D

Acq: 30 Jan 2023 10:56

Tgt Ion:164 Resp: 114163

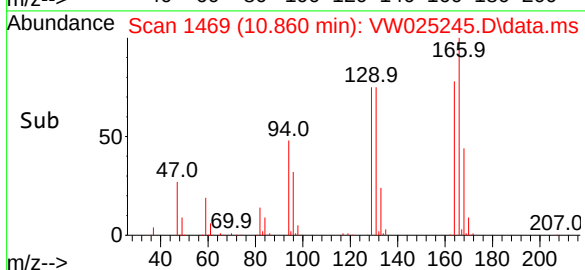
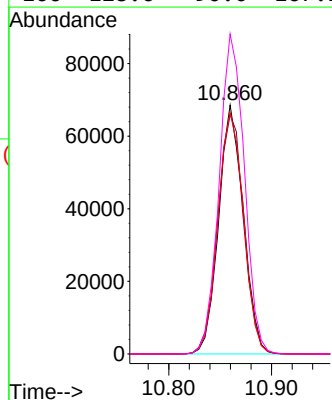
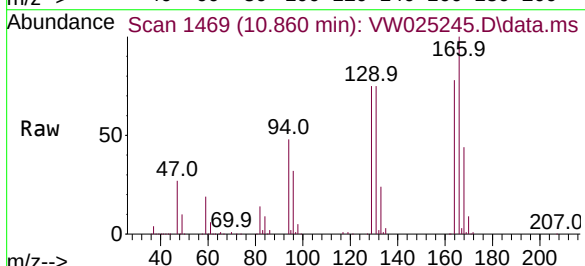
Ion Ratio Lower Upper

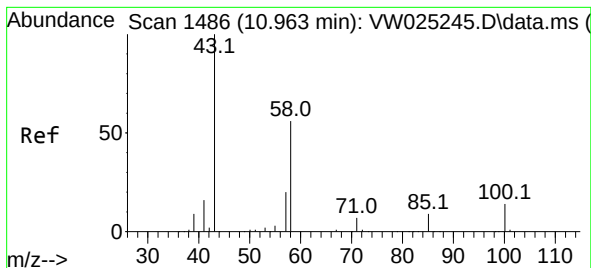
164 100

129 96.3 67.4 125.2

131 97.0 67.9 126.1

166 128.6 90.0 167.2

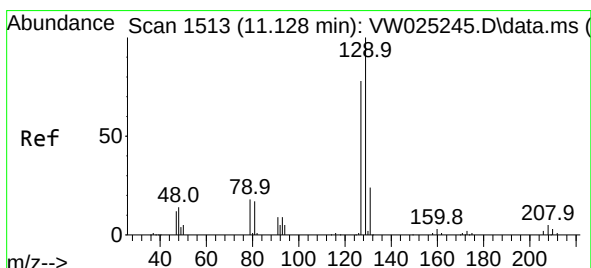
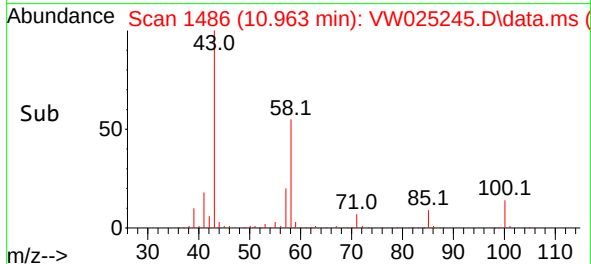
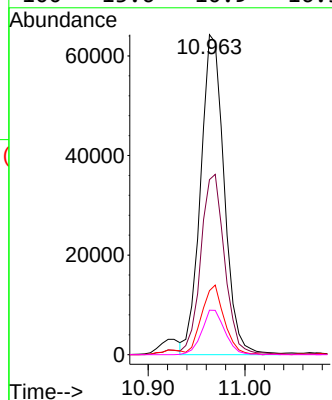
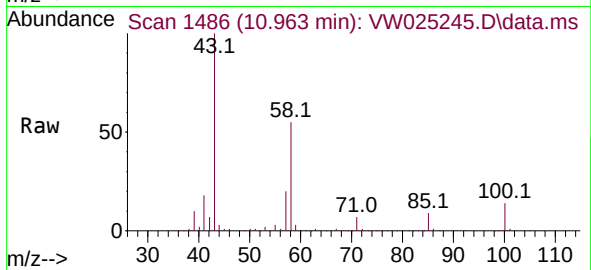




#48
2-Hexanone
Concen: 50.821 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VW025245.D
Acq: 30 Jan 2023 10:56

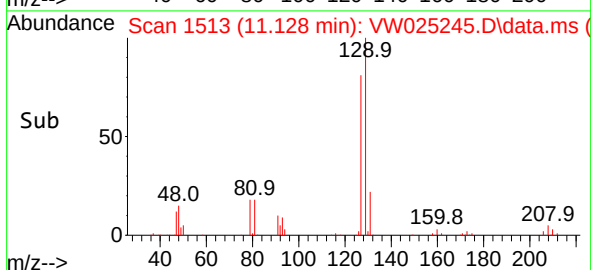
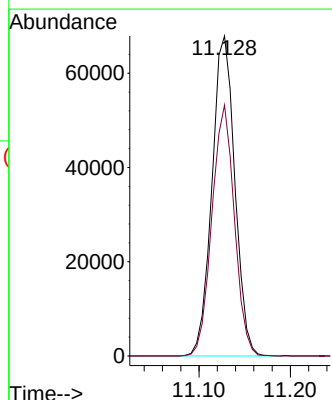
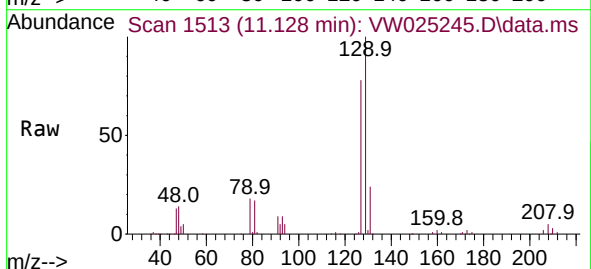
Instrument :
MSVOA_W
ClientSampleId :

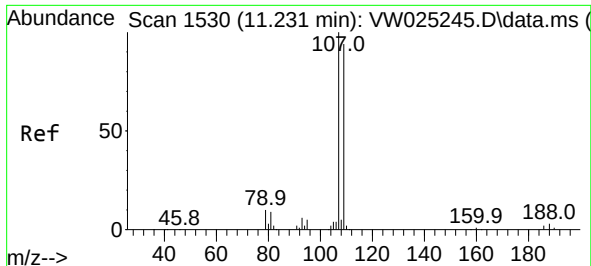
Tgt Ion: 43 Resp: 109171
Ion Ratio Lower Upper
43 100
58 57.0 45.6 68.4
57 20.7 16.6 24.8
100 13.6 10.9 16.3



#49
Dibromochloromethane
Concen: 25.385 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW025245.D
Acq: 30 Jan 2023 10:56

Tgt Ion:129 Resp: 117870
Ion Ratio Lower Upper
129 100
127 78.4 54.9 101.9





#50

1,2-Dibromoethane

Concen: 25.013 ug/L

RT: 11.231 min Scan# 1530

Delta R.T. 0.000 min

Lab File: VW025245.D

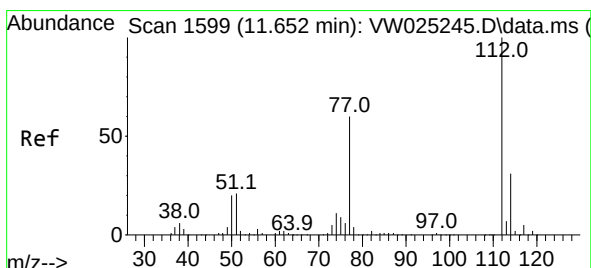
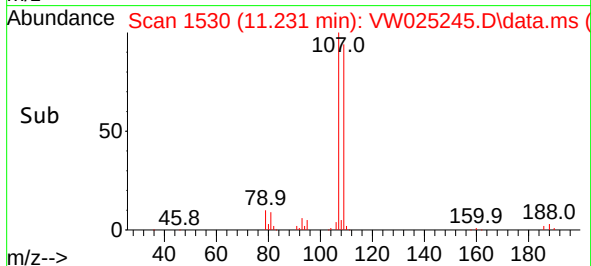
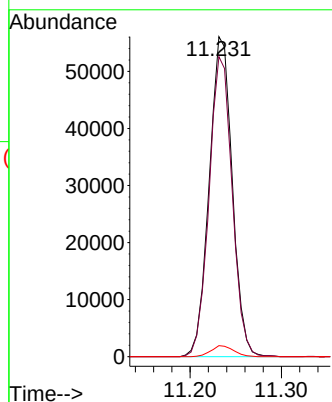
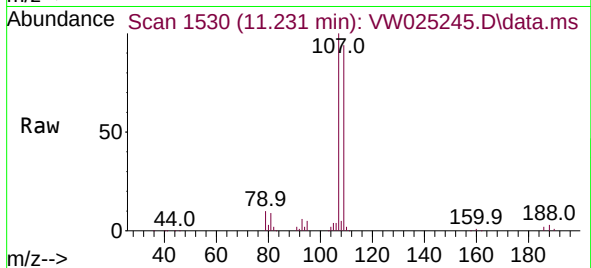
Acq: 30 Jan 2023 10:56

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	98213
Ion	Ratio	Lower	Upper
107	100		
109	93.8	65.7	121.9
188	3.4	2.7	4.1



#51

Chlorobenzene

Concen: 25.803 ug/L

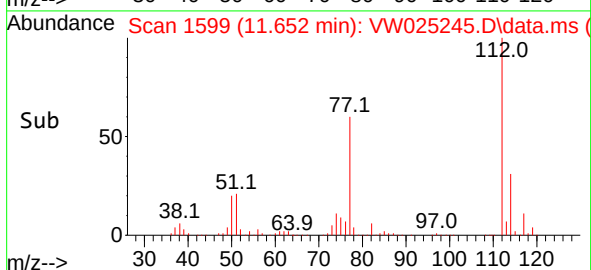
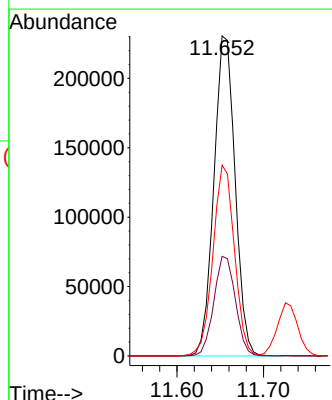
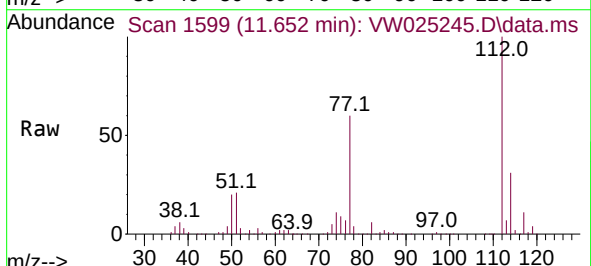
RT: 11.652 min Scan# 1599

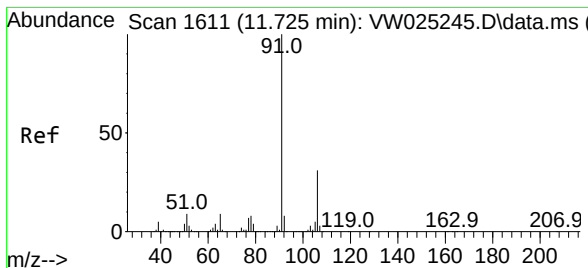
Delta R.T. 0.000 min

Lab File: VW025245.D

Acq: 30 Jan 2023 10:56

Tgt Ion:	112	Resp:	392351
Ion	Ratio	Lower	Upper
112	100		
114	31.1	21.8	40.4
77	59.6	47.7	71.5

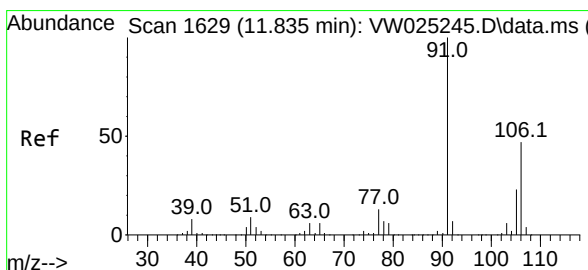
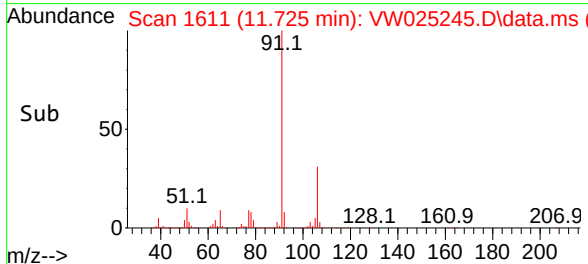
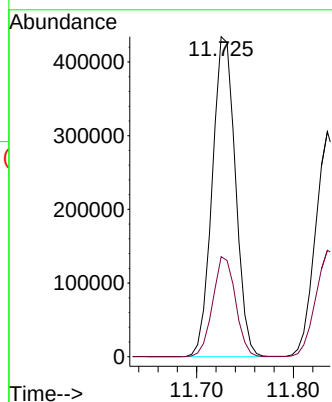
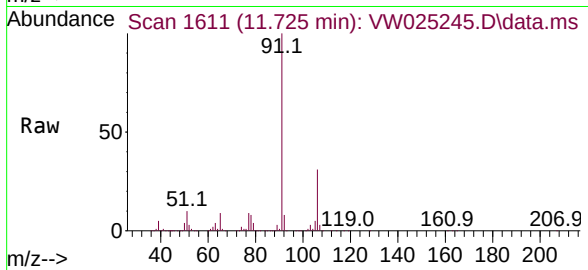




#52
Ethylbenzene
Concen: 26.186 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. 0.000 min
Lab File: VW025245.D
Acq: 30 Jan 2023 10:56

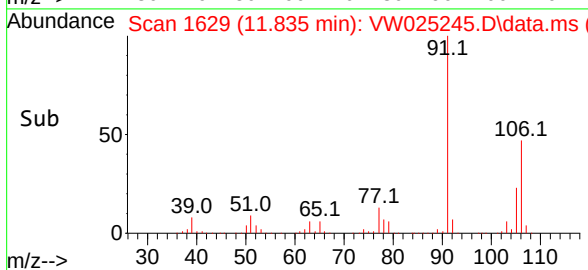
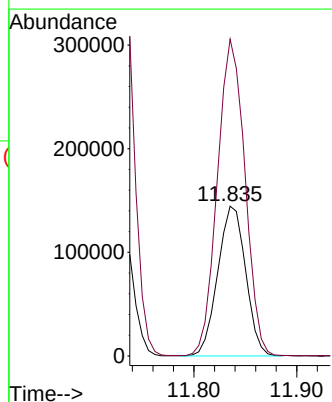
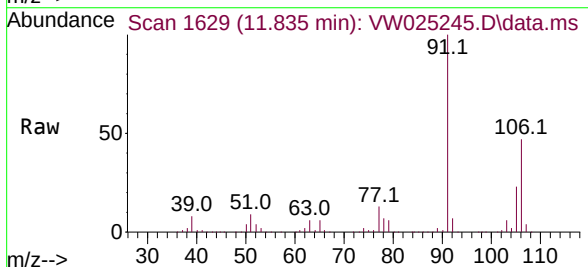
Instrument :
MSVOA_W
ClientSampleId :

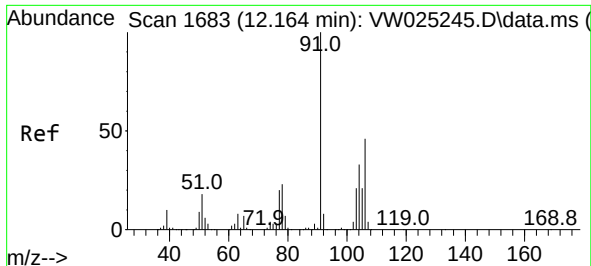
Tgt Ion: 91 Resp: 721967
Ion Ratio Lower Upper
91 100
106 31.3 21.9 40.7



#53
m,p-Xylene
Concen: 25.995 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW025245.D
Acq: 30 Jan 2023 10:56

Tgt Ion:106 Resp: 272375
Ion Ratio Lower Upper
106 100
91 211.5 148.1 275.0

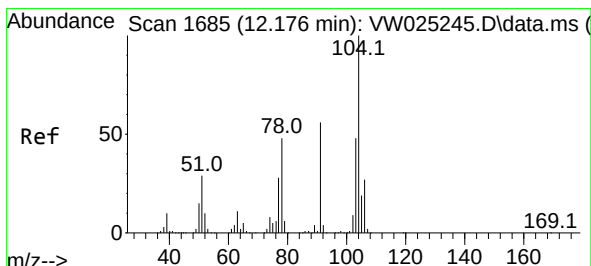
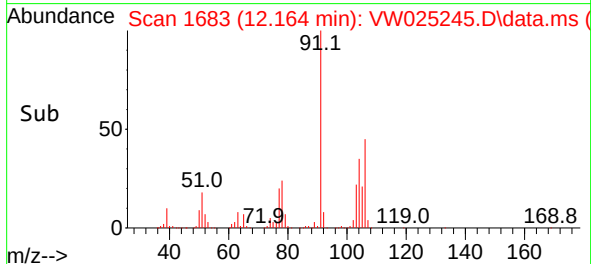
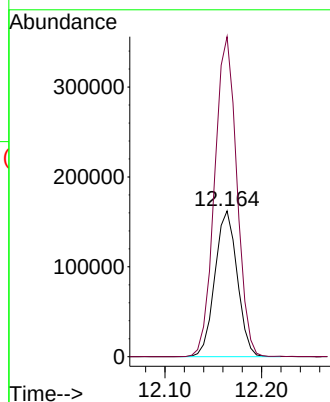
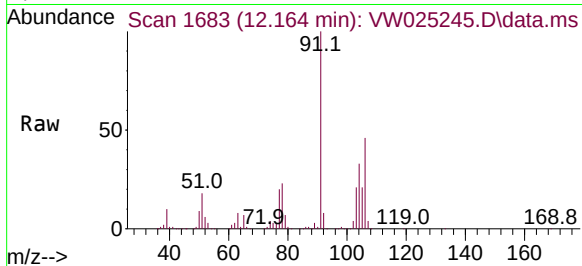




#54
o-Xylene
Concen: 26.414 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW025245.D
Acq: 30 Jan 2023 10:56

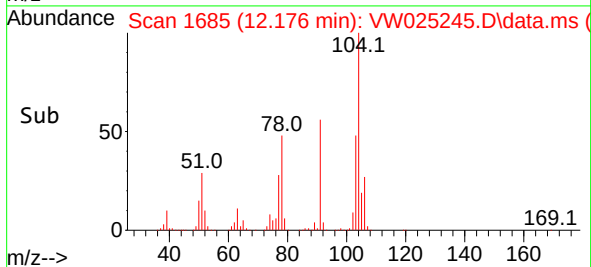
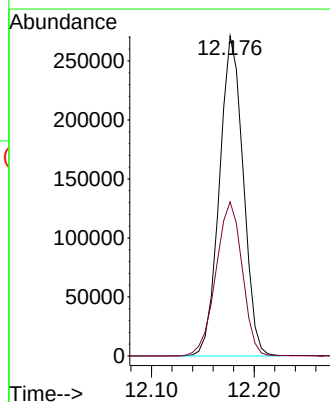
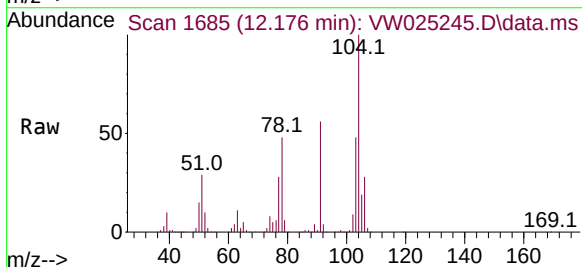
Instrument :
MSVOA_W
ClientSampleId :

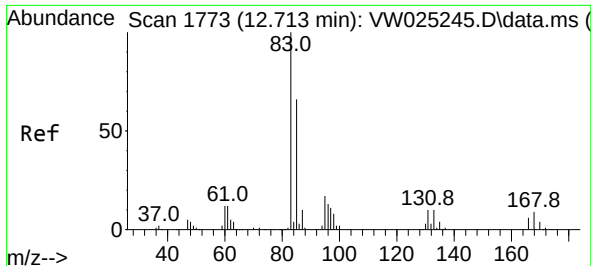
Tgt Ion:106 Resp: 259820
Ion Ratio Lower Upper
106 100
91 219.4 153.6 285.2



#55
Styrene
Concen: 26.307 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW025245.D
Acq: 30 Jan 2023 10:56

Tgt Ion:104 Resp: 435716
Ion Ratio Lower Upper
104 100
78 48.1 33.7 62.5





#57

1,1,2,2-Tetrachloroethane

Concen: 24.502 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW025245.D

Acq: 30 Jan 2023 10:56

Instrument :

MSVOA_W

ClientSampleId :

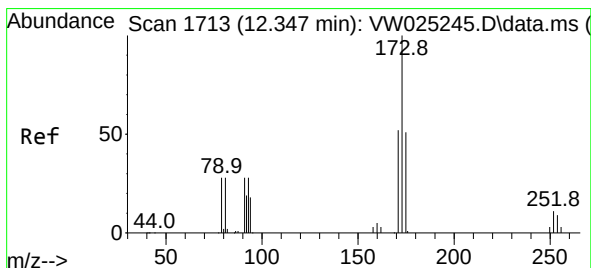
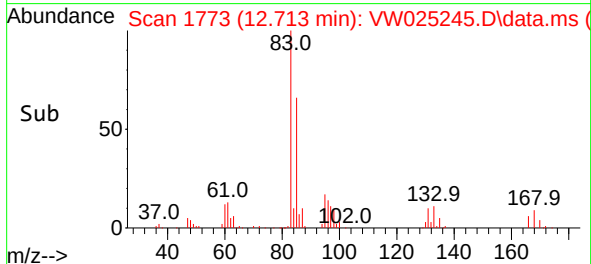
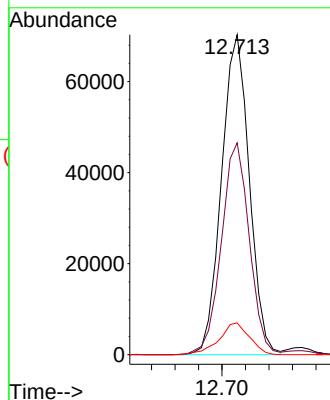
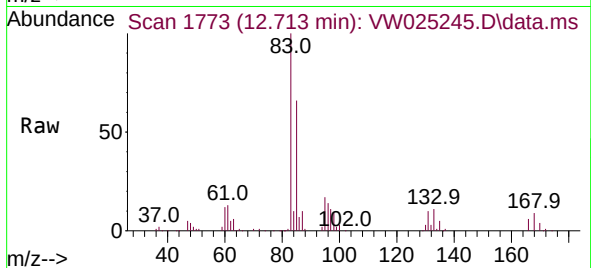
Tgt Ion: 83 Resp: 115341

Ion Ratio Lower Upper

83 100

85 66.2 46.3 86.1

131 10.0 8.0 12.0



#59

Bromoform

Concen: 23.474 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW025245.D

Acq: 30 Jan 2023 10:56

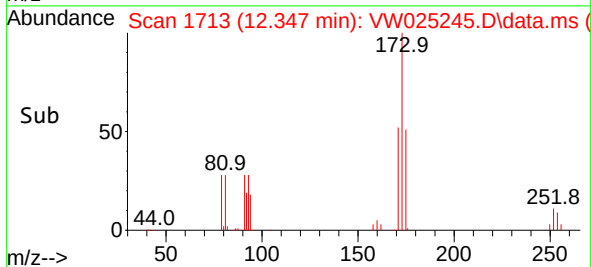
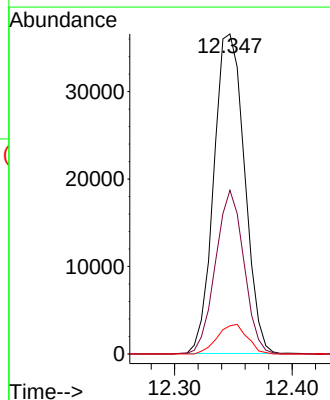
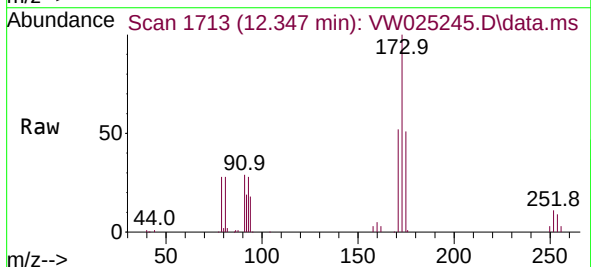
Tgt Ion:173 Resp: 66300

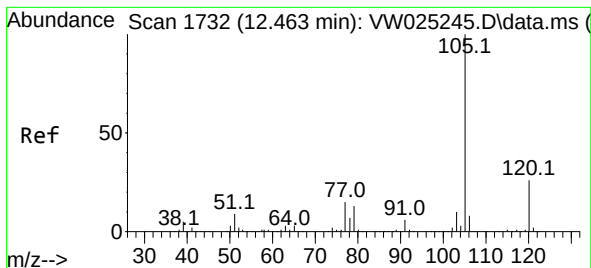
Ion Ratio Lower Upper

173 100

175 47.5 38.0 57.0

254 9.0 7.2 10.8





#60

Isopropylbenzene

Concen: 24.650 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. 0.000 min

Lab File: VW025245.D

Acq: 30 Jan 2023 10:56

Instrument :

MSVOA_W

ClientSampleId :

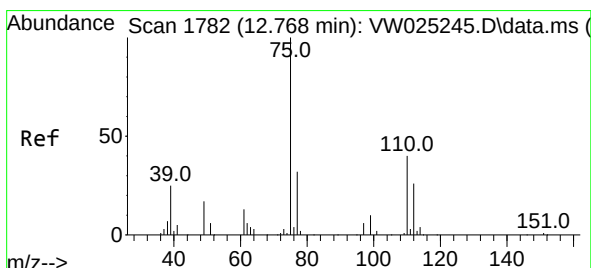
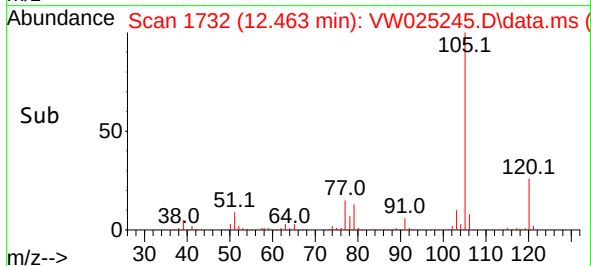
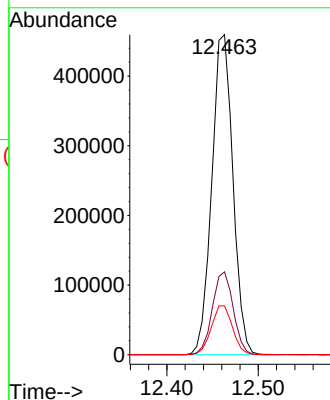
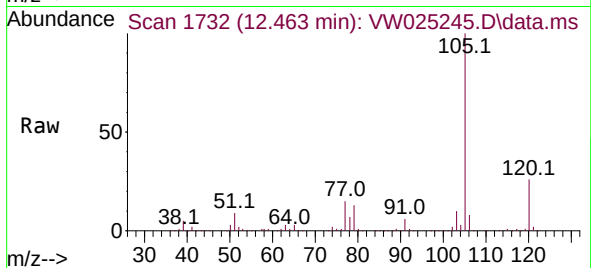
Tgt Ion:105 Resp: 737850

Ion Ratio Lower Upper

105 100

120 25.6 20.5 30.7

77 15.4 12.3 18.5



#61

1,2,3-Trichloropropane

Concen: 22.798 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VW025245.D

Acq: 30 Jan 2023 10:56

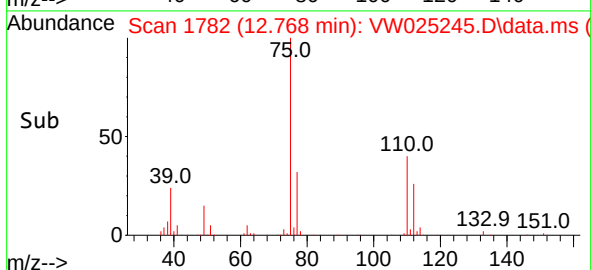
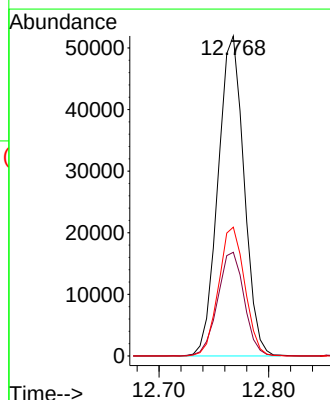
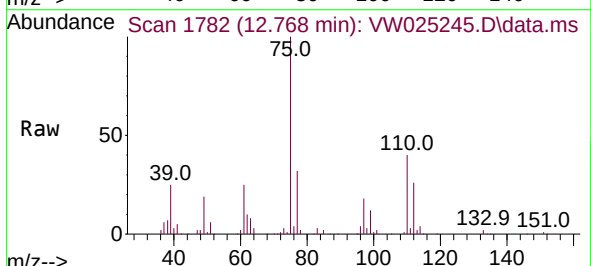
Tgt Ion: 75 Resp: 85746

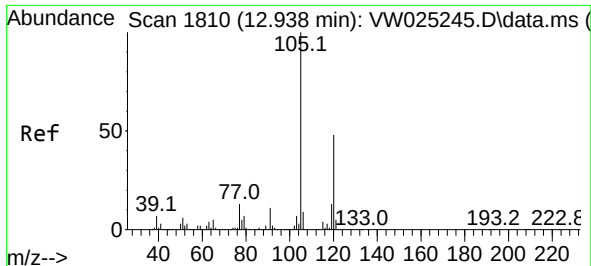
Ion Ratio Lower Upper

75 100

77 33.1 26.5 39.7

110 40.4 32.3 48.5

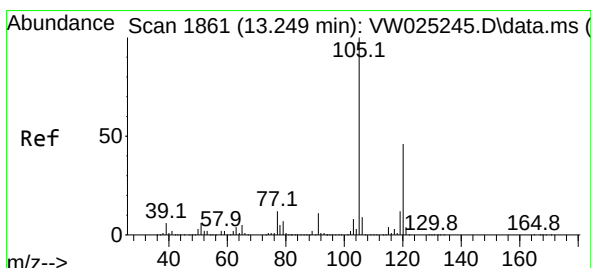
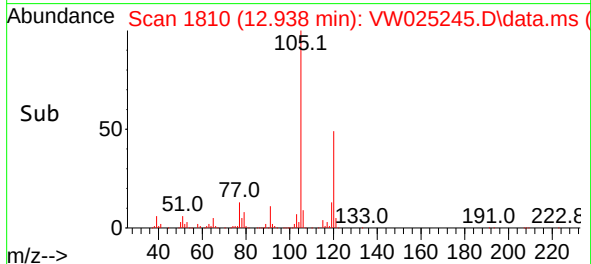
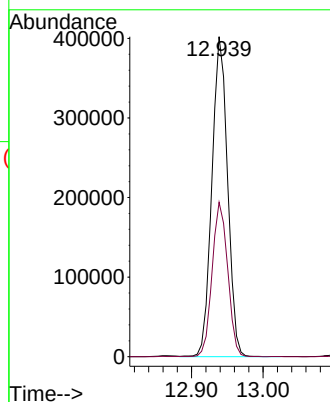
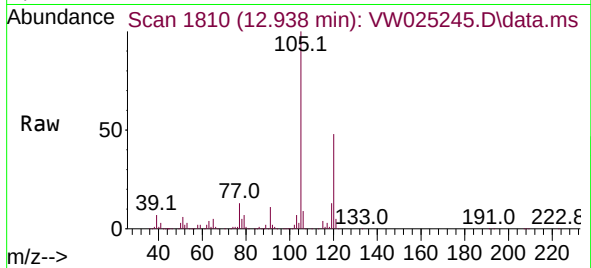




#62
 1,3,5-Trimethylbenzene
 Concen: 25.876 ug/L
 RT: 12.938 min Scan# 1810
 Delta R.T. 0.000 min
 Lab File: VW025245.D
 Acq: 30 Jan 2023 10:56

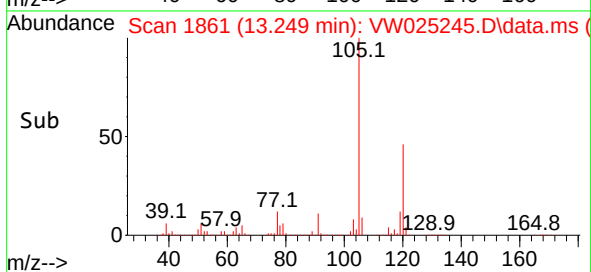
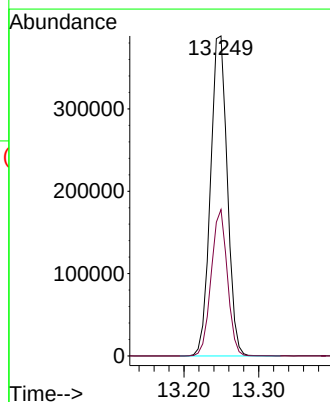
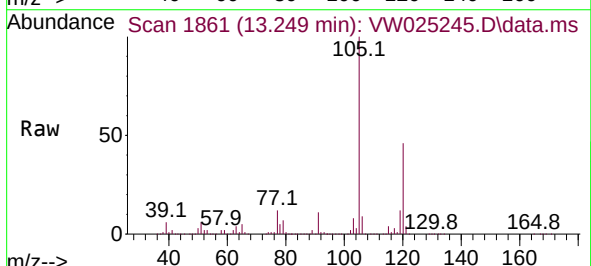
Instrument :
 MSVOA_W
 ClientSampleId :

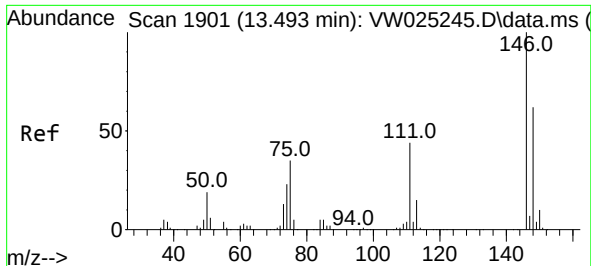
Tgt Ion:105 Resp: 612045
 Ion Ratio Lower Upper
 105 100
 120 47.9 38.3 57.5



#63
 1,2,4-Trimethylbenzene
 Concen: 26.243 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. 0.000 min
 Lab File: VW025245.D
 Acq: 30 Jan 2023 10:56

Tgt Ion:105 Resp: 607400
 Ion Ratio Lower Upper
 105 100
 120 43.9 35.1 52.7

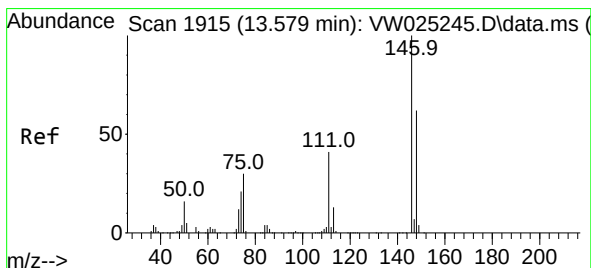
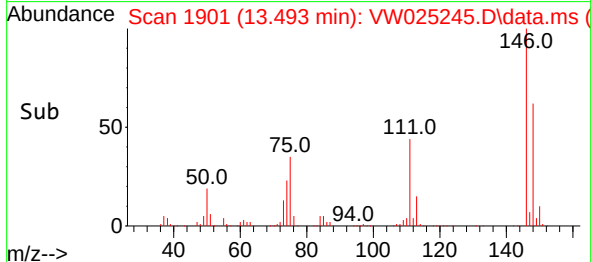
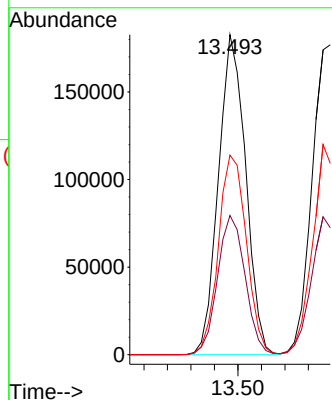
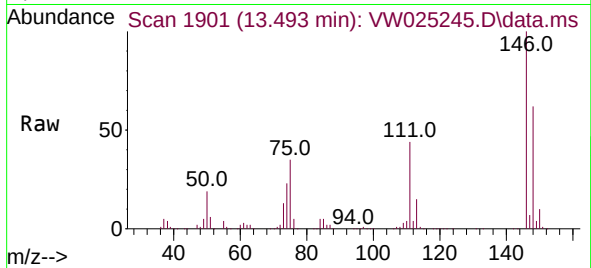




#64
1,3-Dichlorobenzene
Concen: 24.456 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VW025245.D
Acq: 30 Jan 2023 10:56

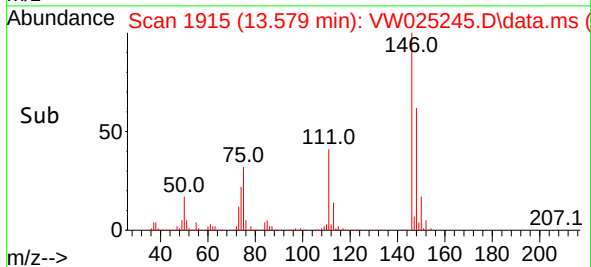
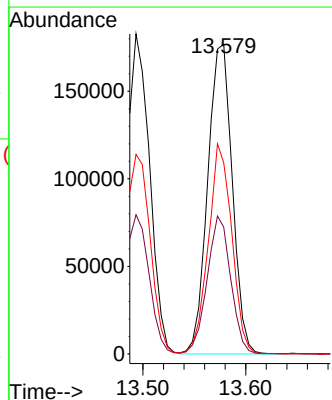
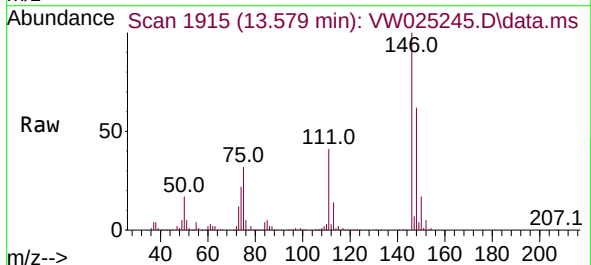
Instrument :
MSVOA_W
ClientSampleId :

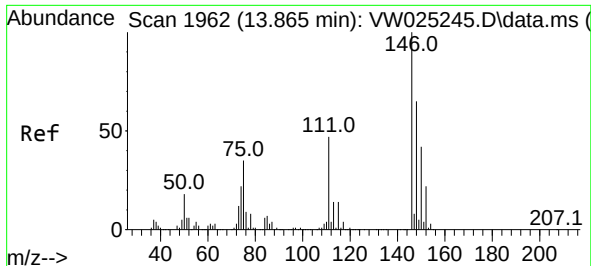
Tgt Ion:146 Resp: 294369
Ion Ratio Lower Upper
146 100
111 43.5 30.4 56.5
148 62.4 43.7 81.1



#65
1,4-Dichlorobenzene
Concen: 24.540 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW025245.D
Acq: 30 Jan 2023 10:56

Tgt Ion:146 Resp: 293492
Ion Ratio Lower Upper
146 100
111 40.9 28.6 53.2
148 61.7 43.2 80.2





#67

1,2-Dichlorobenzene

Concen: 26.125 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW025245.D

Acq: 30 Jan 2023 10:56

Instrument :

MSVOA_W

ClientSampleId :

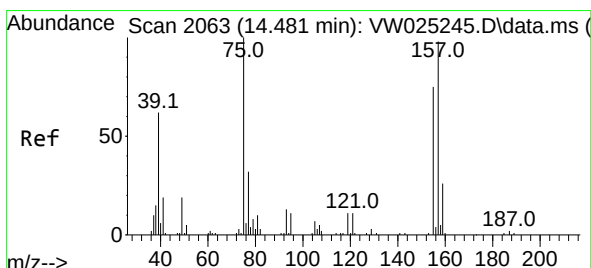
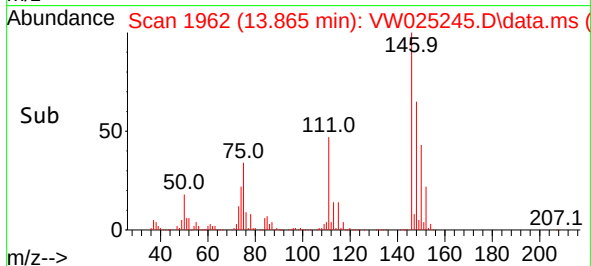
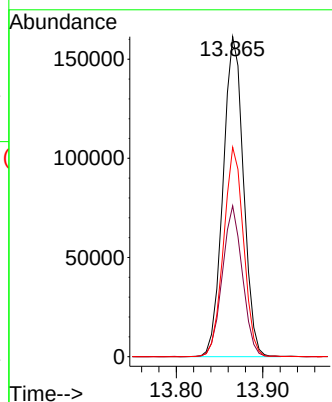
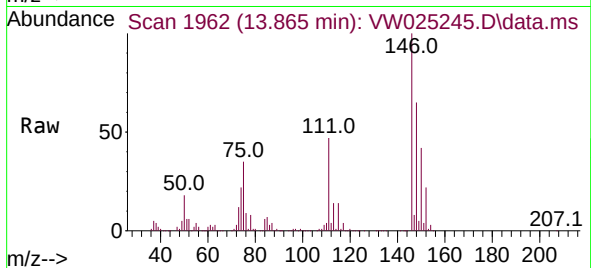
Tgt Ion:146 Resp: 263938

Ion Ratio Lower Upper

146 100

111 47.2 37.8 56.6

148 65.5 52.4 78.6



#68

1,2-Dibromo-3-chloropropane

Concen: 22.280 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW025245.D

Acq: 30 Jan 2023 10:56

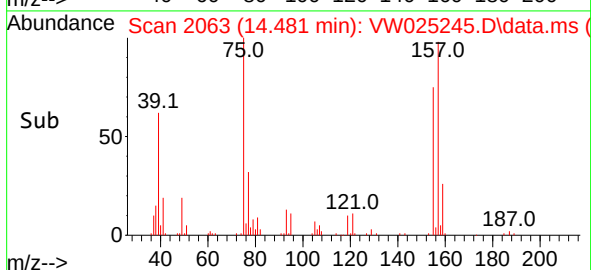
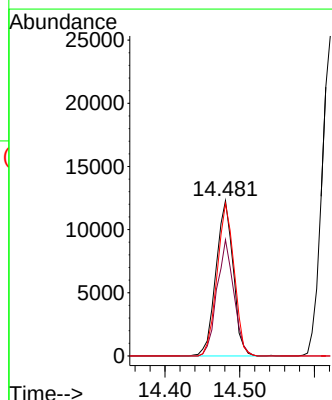
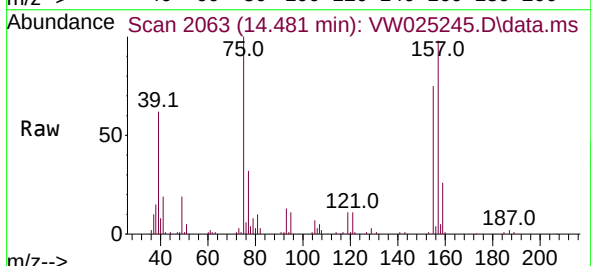
Tgt Ion: 75 Resp: 19697

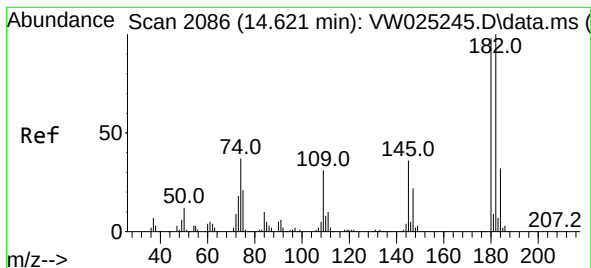
Ion Ratio Lower Upper

75 100

155 74.7 59.8 89.6

157 98.1 78.5 117.7





#69

1,3,5-Trichlorobenzene

Concen: 25.817 ug/L

RT: 14.621 min Scan# 2086

Delta R.T. 0.000 min

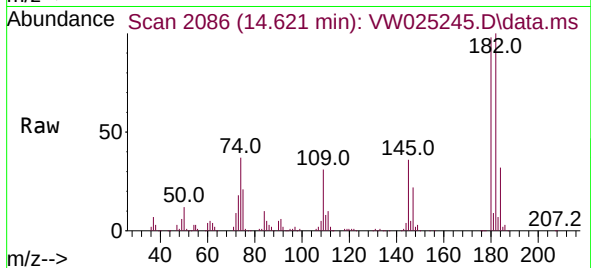
Lab File: VW025245.D

Acq: 30 Jan 2023 10:56

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 205049

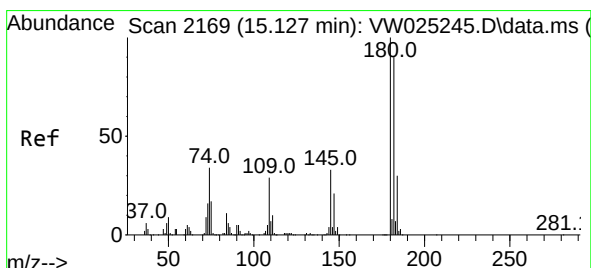
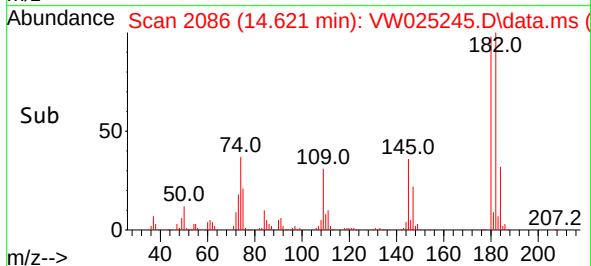
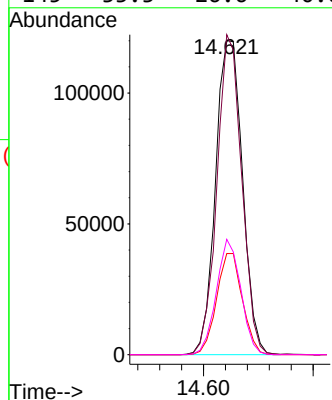
Ion Ratio Lower Upper

180 100

182 93.6 74.9 112.3

184 30.9 24.7 37.1

145 33.3 26.6 40.0



#70

1,2,4-trichlorobenzene

Concen: 26.407 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW025245.D

Acq: 30 Jan 2023 10:56

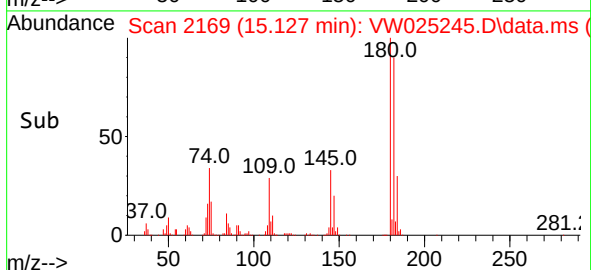
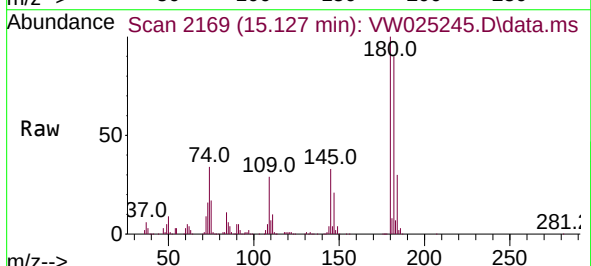
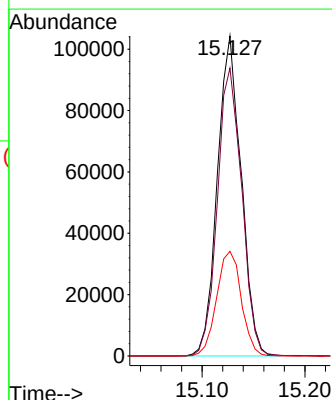
Tgt Ion:180 Resp: 168081

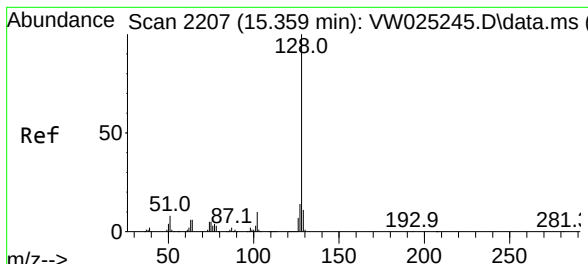
Ion Ratio Lower Upper

180 100

182 91.9 73.5 110.3

145 33.8 27.0 40.6



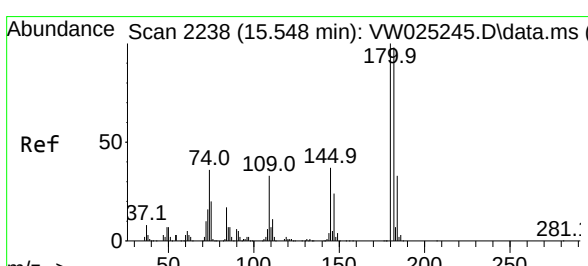
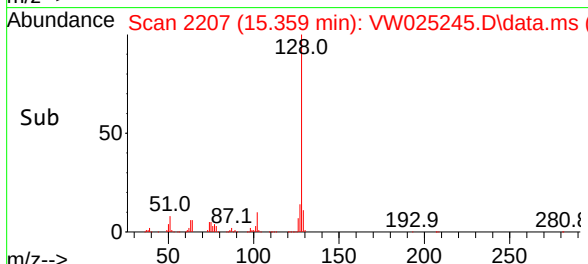
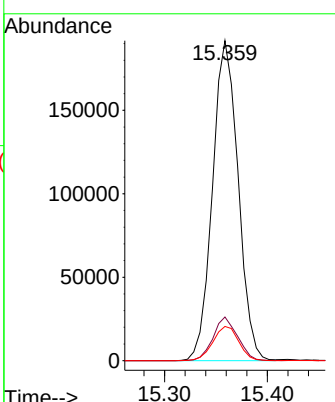
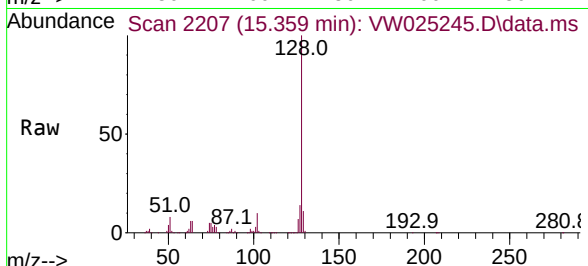


#71
Naphthalene
Concen: 25.826 ug/L
RT: 15.359 min Scan# 2207
Delta R.T. 0.000 min
Lab File: VW025245.D
Acq: 30 Jan 2023 10:56

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 331899

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	10.8	8.6	13.0



#72
1,2,3-Trichlorobenzene
Concen: 24.428 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. 0.000 min
Lab File: VW025245.D
Acq: 30 Jan 2023 10:56

Tgt Ion:180 Resp: 140474

Ion	Ratio	Lower	Upper
180	100		
182	97.6	78.1	117.1
145	36.9	29.5	44.3

