

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030922\
 Data File : VW022262.D
 Acq On : 09 Mar 2022 18:45
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 10 04:16:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Mar 10 04:11:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	138407	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	132429	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	78220	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	43938	24.339	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.360%
7) Chloroethane-d5	2.879	69	31586	22.238	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.960%
11) 1,1-Dichloroethene-d2	4.019	63	60572	21.910	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.640%
21) 2-Butanone-d5	7.074	46	17328	57.089	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.180%
24) Chloroform-d	7.647	84	77008	24.937	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.760%
26) 1,2-Dichloroethane-d4	8.305	65	38394	23.919	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.680%
32) Benzene-d6	8.275	84	141410	22.944	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.760%
36) 1,2-Dichloropropane-d6	9.274	67	41365	24.168	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.680%
41) Toluene-d8	10.323	98	140455	22.923	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.680%
43) trans-1,3-Dichloroprop...	10.579	79	18624	24.541	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.160%
47) 2-Hexanone-d5	10.921	63	14815	52.627	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.260%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	41086	27.352	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.400%
66) 1,2-Dichlorobenzene-d4	13.847	152	59227	23.574	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	7758	20.056	ug/L	97
3) Chloromethane	2.209	50	32815	24.757	ug/L	100
5) Vinyl chloride	2.355	62	48486	24.346	ug/L	95
6) Bromomethane	2.776	94	29267	21.041	ug/L	95
8) Chloroethane	2.916	64	26603	23.778	ug/L	95
9) Trichlorofluoromethane	3.257	101	30921	22.868	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	40708	24.676	ug/L	95
12) 1,1-Dichloroethene	4.032	96	33553	23.468	ug/L	88
13) Acetone	4.123	43	13230	53.367	ug/L	94
14) Carbon disulfide	4.379	76	64969	17.527	ug/L	97
15) Methyl Acetate	4.666	43	14552	26.074	ug/L	97
16) Methylene chloride	4.909	84	40071	23.587	ug/L	96
17) trans-1,2-Dichloroethene	5.422	96	36160	23.026	ug/L	94
18) Methyl tert-butyl Ether	5.428	73	59902	28.037	ug/L #	77
19) 1,1-Dichloroethane	6.214	63	67290	26.468	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	43518	25.582	ug/L	97
22) 2-Butanone	7.171	43	20323	57.069	ug/L	98
23) Bromochloromethane	7.519	128	21664	26.070	ug/L	95
25) Chloroform	7.677	83	79490	26.797	ug/L	99

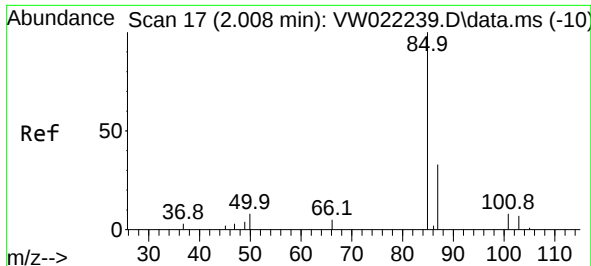
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030922\
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Mar 10 04:11:04 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	48940	26.786	ug/L	98
29) Cyclohexane	7.958	56	49738	22.568	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	66747	25.052	ug/L	99
31) Carbon tetrachloride	8.067	117	62381	24.635	ug/L	99
33) Benzene	8.323	78	155135	24.230	ug/L	100
34) Trichloroethene	9.092	95	44216	24.119	ug/L	94
35) Methylcyclohexane	9.335	83	65203	22.995	ug/L	99
37) 1,2-Dichloropropane	9.366	63	38909	26.049	ug/L	99
38) Bromodichloromethane	9.646	83	57430	26.811	ug/L	94
39) cis-1,3-Dichloropropene	10.073	75	59831	26.352	ug/L	94
40) 4-Methyl-2-pentanone	10.207	43	46389	57.509	ug/L	99
42) Toluene	10.384	91	181722	25.077	ug/L	96
44) trans-1,3-Dichloropropene	10.604	75	55179	27.044	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	35093	26.495	ug/L	97
46) Tetrachloroethene	10.866	164	38185	23.778	ug/L	94
48) 2-Hexanone	10.969	43	32714	58.433	ug/L	96
49) Dibromochloromethane	11.128	129	44303	27.537	ug/L	99
50) 1,2-Dibromoethane	11.231	107	34233	26.796	ug/L	97
51) Chlorobenzene	11.652	112	131904	26.155	ug/L	99
52) Ethylbenzene	11.731	91	209817	26.162	ug/L	95
53) m,p-Xylene	11.835	106	85846	26.014	ug/L	93
54) o-Xylene	12.164	106	82082	26.435	ug/L	95
55) Styrene	12.176	104	144113	27.685	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.713	83	43202	28.112	ug/L	97
59) Bromoform	12.347	173	25919	25.057	ug/L #	99
60) Isopropylbenzene	12.463	105	236203	25.155	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	30962	25.080	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	164893	26.409	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	198837	26.058	ug/L	96
64) 1,3-Dichlorobenzene	13.499	146	115562	24.810	ug/L	92
65) 1,4-Dichlorobenzene	13.573	146	115180	24.676	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	106392	25.691	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.481	75	6938	26.584	ug/L	86
69) 1,3,5-Trichlorobenzene	15.127	180	72502	21.686	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	72502	28.661	ug/L	94
71) Naphthalene	15.359	128	133393	29.871	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	60200	27.514	ug/L	100

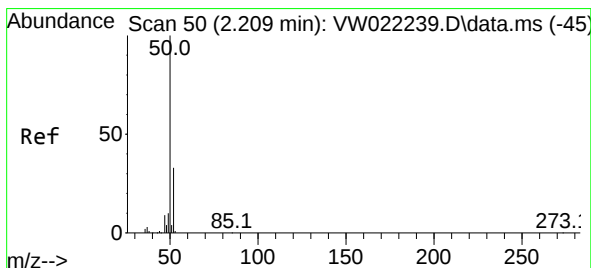
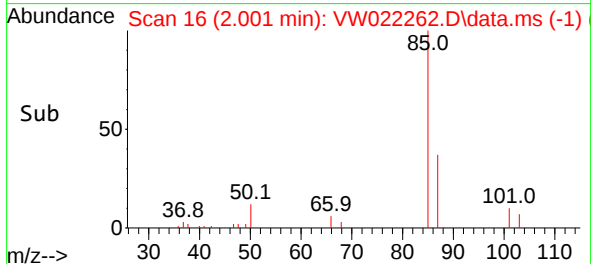
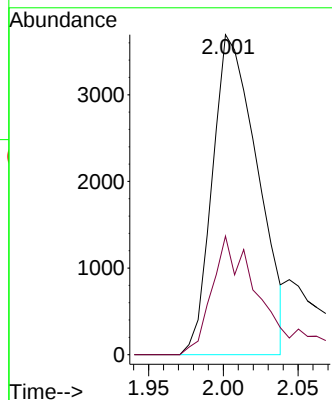
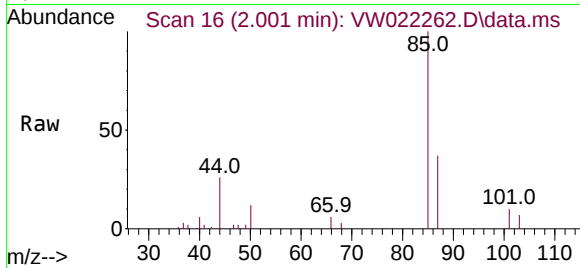
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 20.056 ug/L
RT: 2.001 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW022262.D
Acq: 09 Mar 2022 18:45

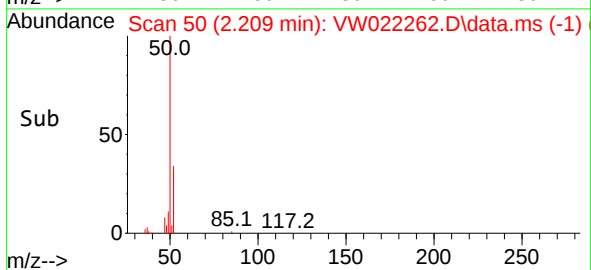
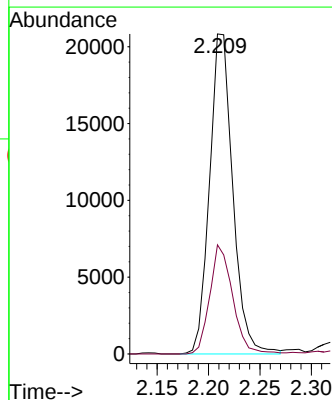
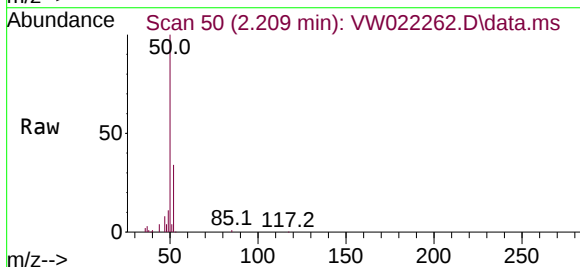
Instrument :
MSVOA_W
ClientSampleId :

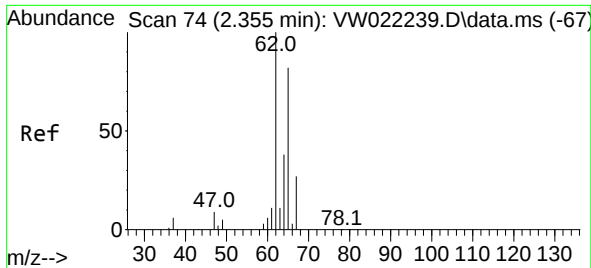
Tgt Ion: 85 Resp: 7758
Ion Ratio Lower Upper
85 100
87 36.0 27.6 41.4



#3
Chloromethane
Concen: 24.757 ug/L
RT: 2.209 min Scan# 50
Delta R.T. -0.000 min
Lab File: VW022262.D
Acq: 09 Mar 2022 18:45

Tgt Ion: 50 Resp: 32815
Ion Ratio Lower Upper
50 100
52 34.1 23.9 44.5

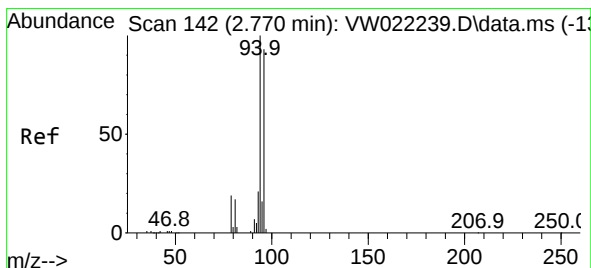
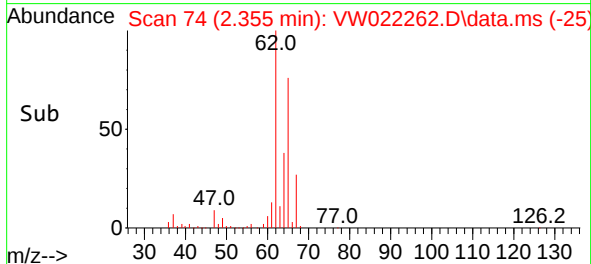
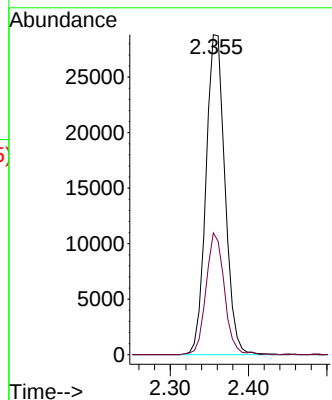
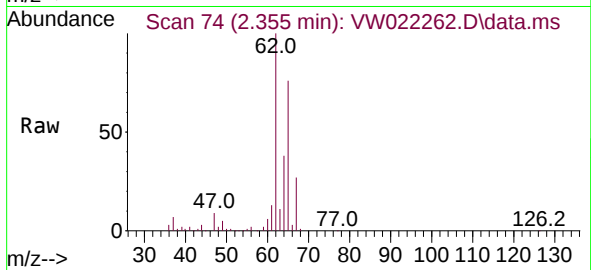




#5
 Vinyl chloride
 Concen: 24.346 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.000 min
 Lab File: VW022262.D
 Acq: 09 Mar 2022 18:45

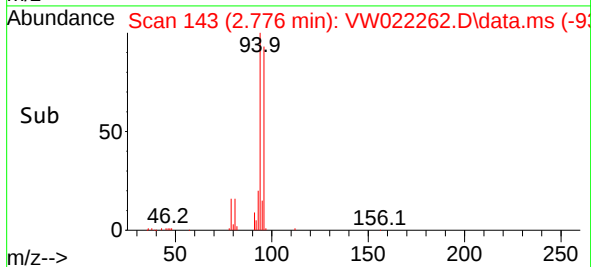
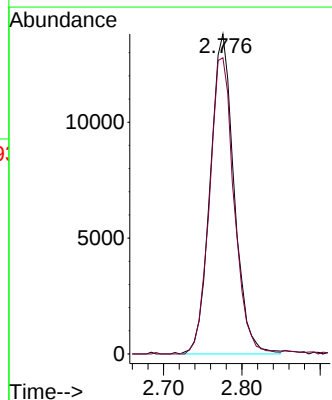
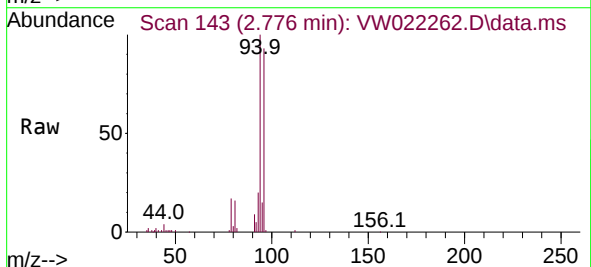
Instrument :
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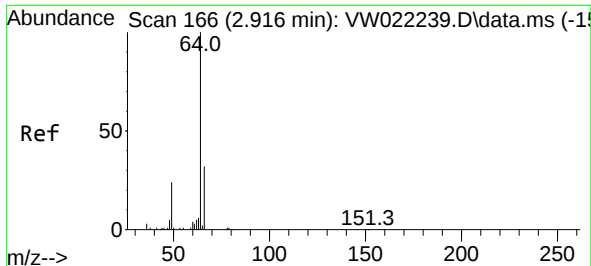
Tgt Ion: 62 Resp: 48486
 Ion Ratio Lower Upper
 62 100
 64 38.0 24.7 45.9



#6
 Bromomethane
 Concen: 21.041 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. 0.006 min
 Lab File: VW022262.D
 Acq: 09 Mar 2022 18:45

Tgt Ion: 94 Resp: 29267
 Ion Ratio Lower Upper
 94 100
 96 92.5 61.2 113.8

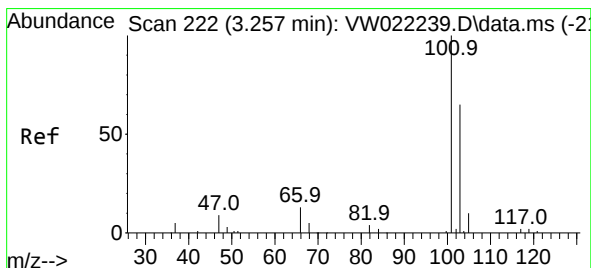
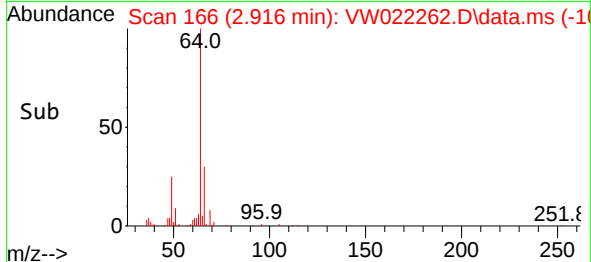
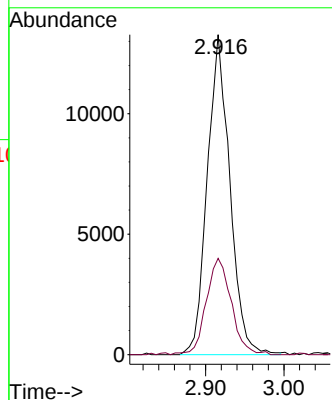
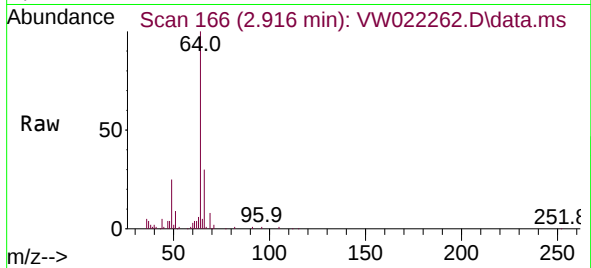




#8
Chloroethane
Concen: 23.778 ug/L
RT: 2.916 min Scan# 166
Delta R.T. -0.000 min
Lab File: VW022262.D
Acq: 09 Mar 2022 18:45

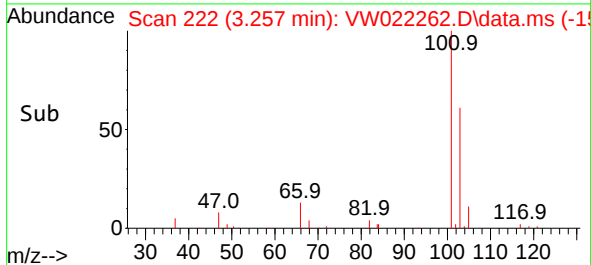
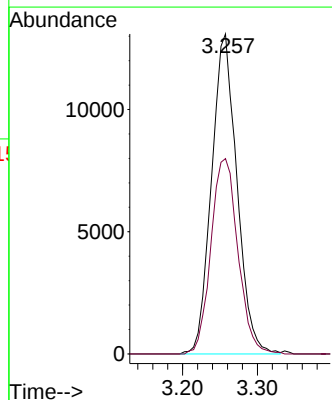
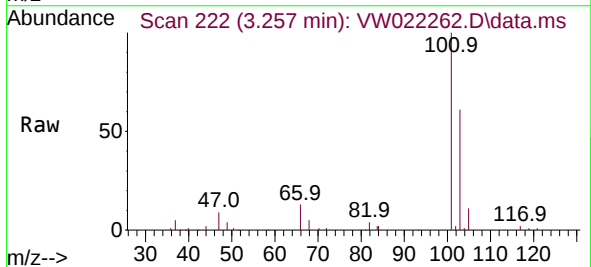
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ClientSampleId :

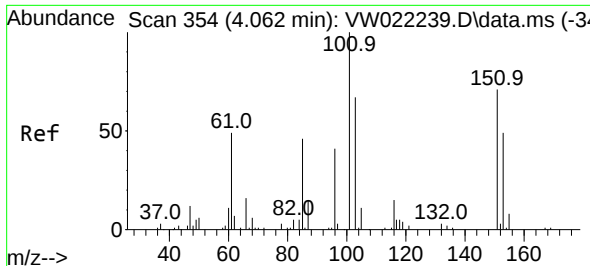
Tgt Ion: 64 Resp: 26603
Ion Ratio Lower Upper
64 100
66 30.1 23.2 43.0



#9
Trichlorofluoromethane
Concen: 22.868 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.000 min
Lab File: VW022262.D
Acq: 09 Mar 2022 18:45

Tgt Ion: 101 Resp: 30921
Ion Ratio Lower Upper
101 100
103 64.9 53.2 79.8

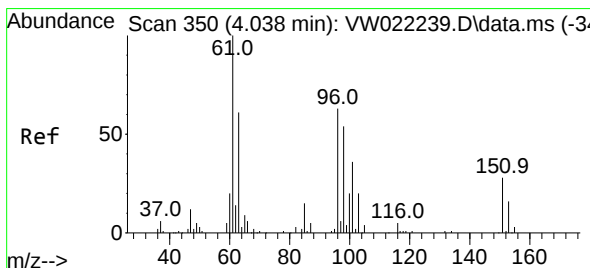
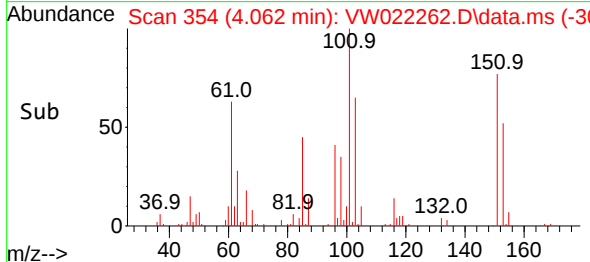
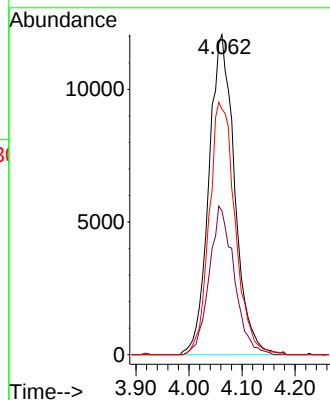
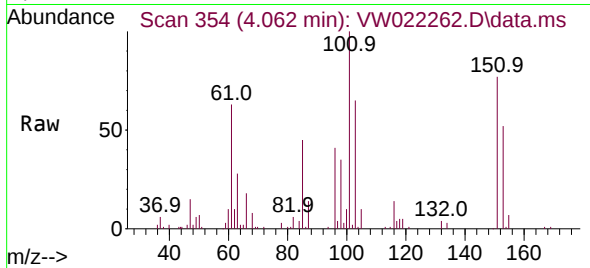




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.676 ug/L
 RT: 4.062 min Scan# 310
 Delta R.T. -0.000 min
 Lab File: VW022262.D
 Acq: 09 Mar 2022 18:45

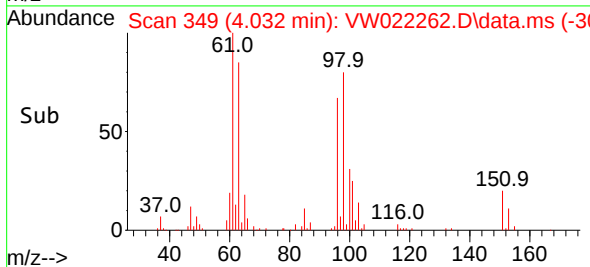
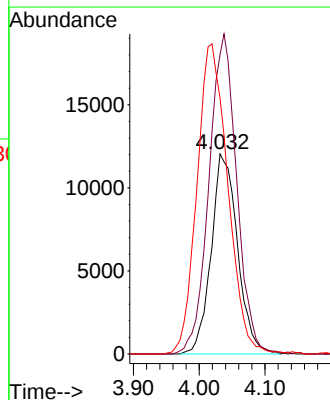
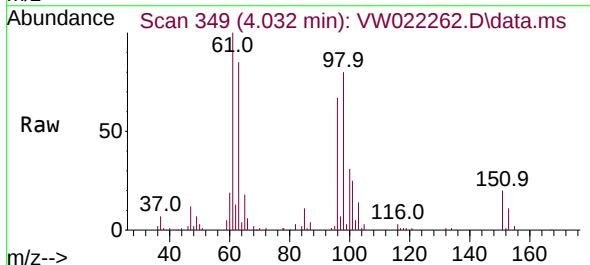
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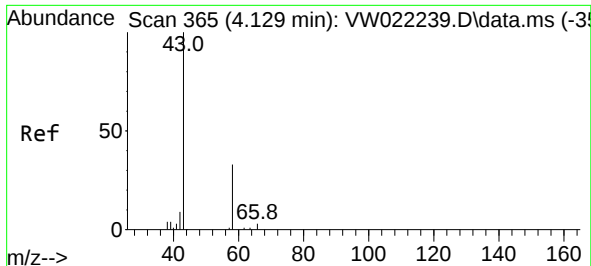
Tgt Ion:101 Resp: 40708
 Ion Ratio Lower Upper
 101 100
 85 45.0 34.4 51.6
 151 79.3 59.0 88.4



#12
 1,1-Dichloroethene
 Concen: 23.468 ug/L
 RT: 4.032 min Scan# 349
 Delta R.T. -0.006 min
 Lab File: VW022262.D
 Acq: 09 Mar 2022 18:45

Tgt Ion: 96 Resp: 33553
 Ion Ratio Lower Upper
 96 100
 61 149.8 108.4 201.2
 63 128.0 72.0 133.6

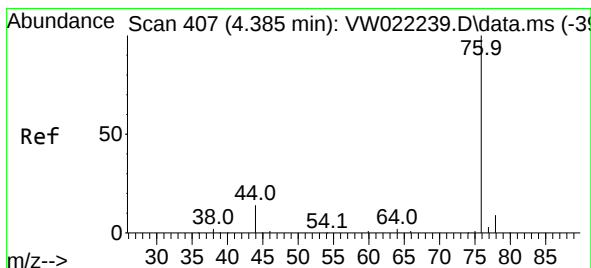
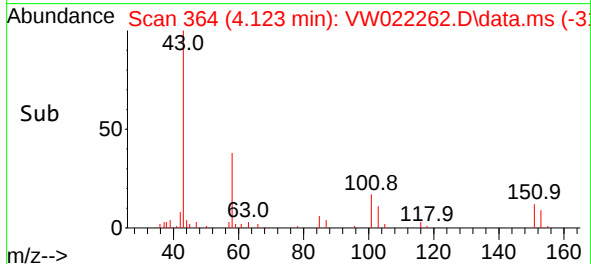
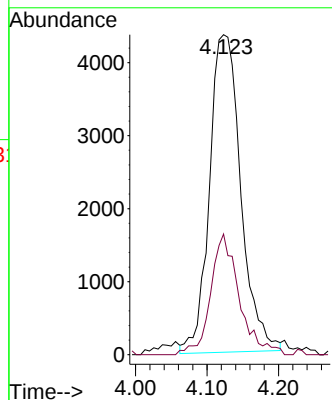
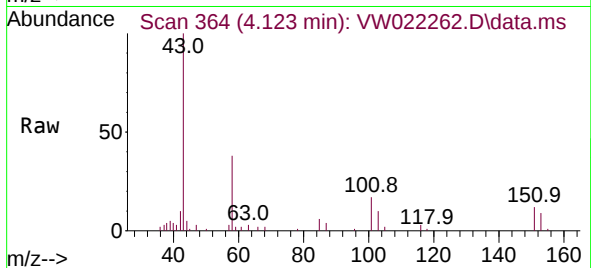




#13
Acetone
Concen: 53.367 ug/L
RT: 4.123 min Scan# 30
Delta R.T. -0.006 min
Lab File: VW022262.D
Acq: 09 Mar 2022 18:45

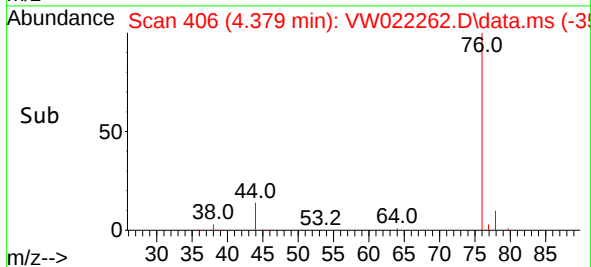
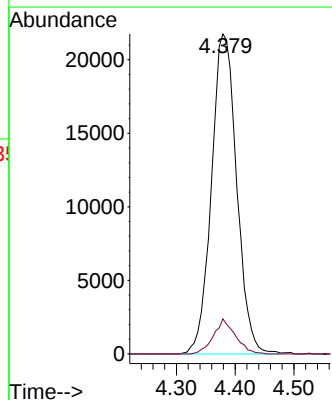
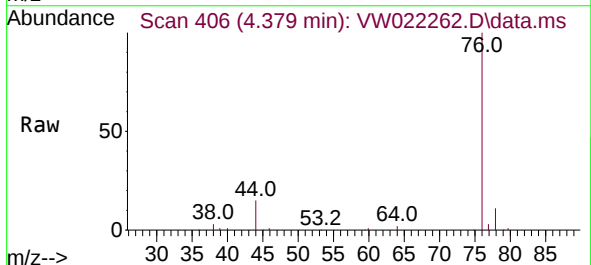
Instrument :
MSVOA_W
ClientSampleId :

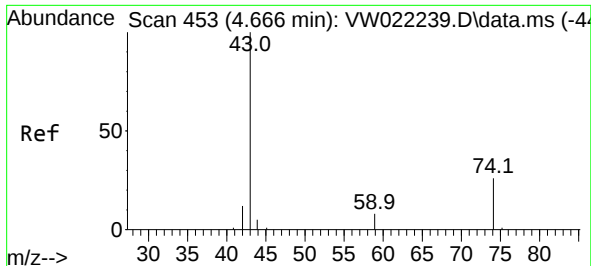
Tgt Ion: 43 Resp: 13230
Ion Ratio Lower Upper
43 100
58 30.9 0.0 69.2



#14
Carbon disulfide
Concen: 17.527 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.006 min
Lab File: VW022262.D
Acq: 09 Mar 2022 18:45

Tgt Ion: 76 Resp: 64969
Ion Ratio Lower Upper
76 100
78 11.0 7.8 11.8

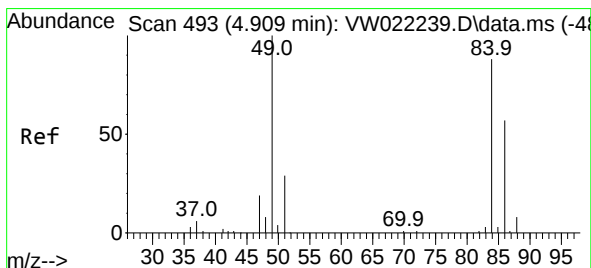
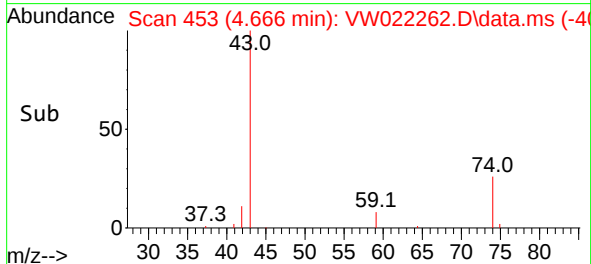
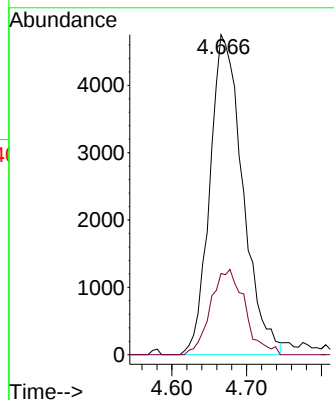
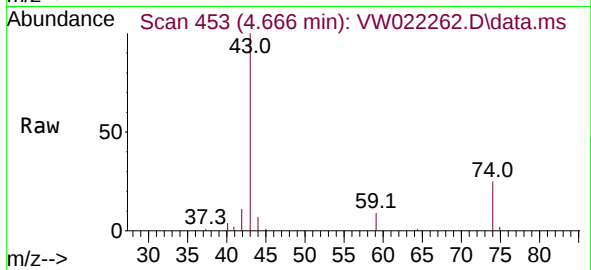




#15
Methyl Acetate
Concen: 26.074 ug/L
RT: 4.666 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW022262.D
Acq: 09 Mar 2022 18:45

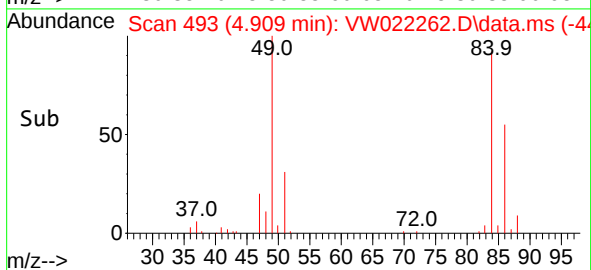
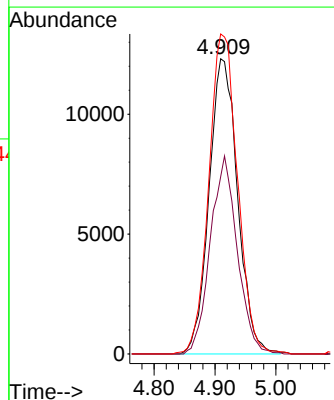
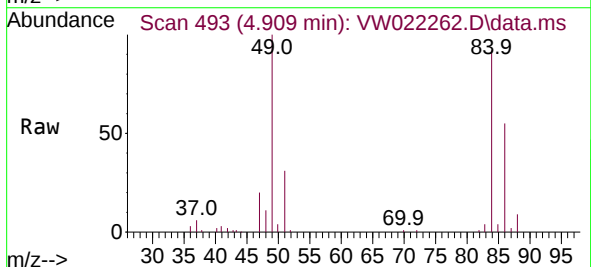
Instrument :
MSVOA_W
ClientSampleId :

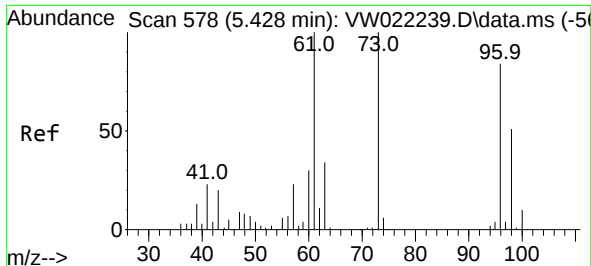
Tgt Ion: 43 Resp: 14552
Ion Ratio Lower Upper
43 100
74 27.4 23.0 34.6



#16
Methylene chloride
Concen: 23.587 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.000 min
Lab File: VW022262.D
Acq: 09 Mar 2022 18:45

Tgt Ion: 84 Resp: 40071
Ion Ratio Lower Upper
84 100
86 60.0 45.8 85.0
49 108.4 73.8 137.0

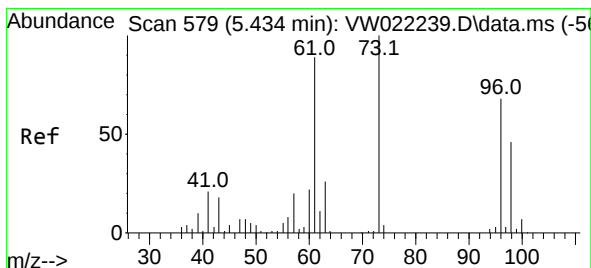
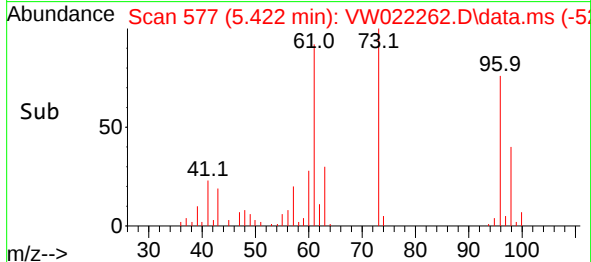
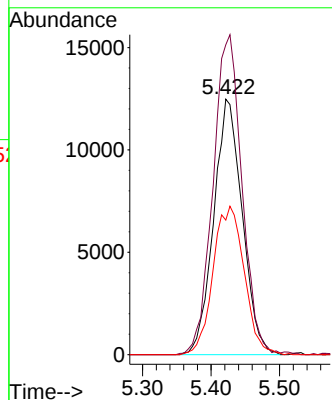
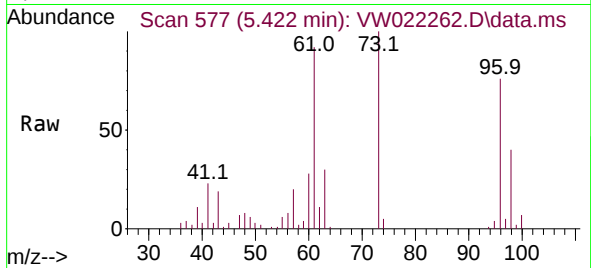




#17
trans-1,2-Dichloroethene
Concen: 23.026 ug/L
RT: 5.422 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW022262.D
Acq: 09 Mar 2022 18:45

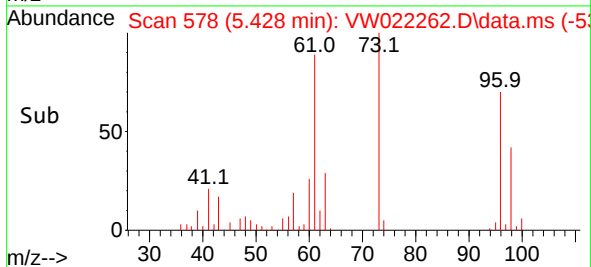
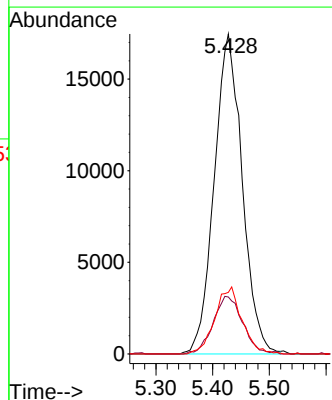
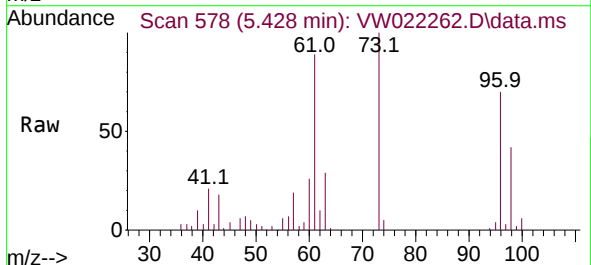
Instrument :
MSVOA_W
ClientSampleId :

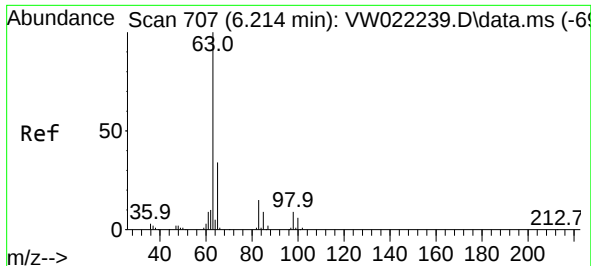
Tgt Ion: 96 Resp: 36160
Ion Ratio Lower Upper
96 100
61 121.3 87.3 162.1
98 52.7 43.2 80.2



#18
Methyl tert-butyl Ether
Concen: 28.037 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.006 min
Lab File: VW022262.D
Acq: 09 Mar 2022 18:45

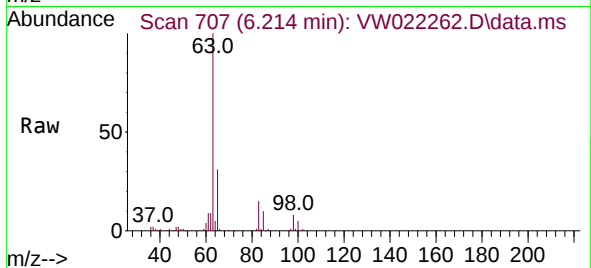
Tgt Ion: 73 Resp: 59902
Ion Ratio Lower Upper
73 100
43 18.9 15.4 23.2
57 0.0 16.5 24.7#



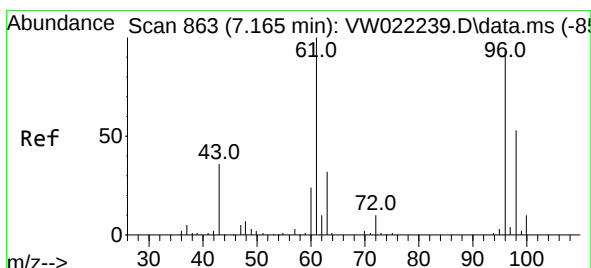
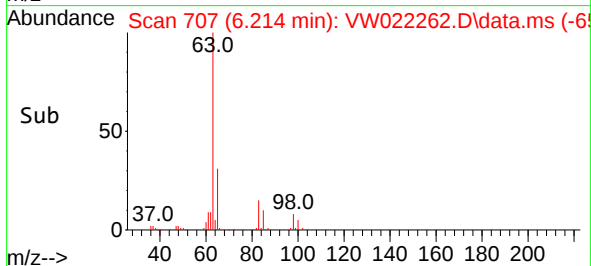
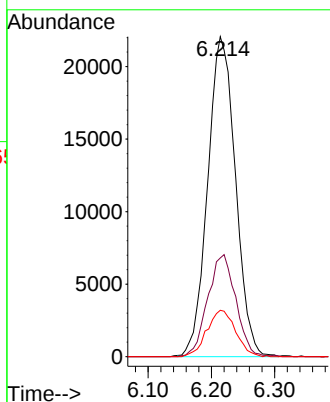


#19
1,1-Dichloroethane
Concen: 26.468 ug/L
RT: 6.214 min Scan# 707
Delta R.T. -0.000 min
Lab File: VW022262.D
Acq: 09 Mar 2022 18:45

Instrument :
MSVOA_W
ClientSampleId :

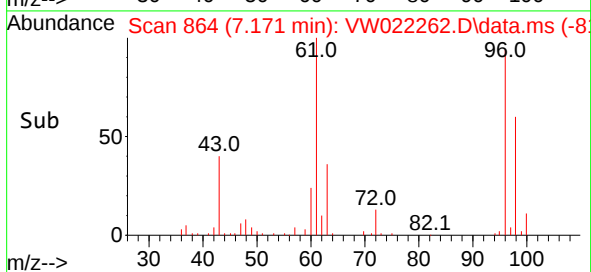
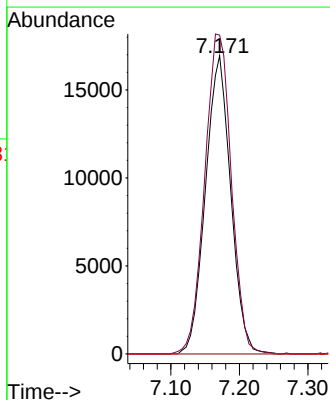
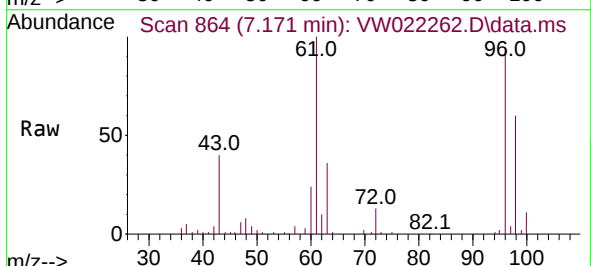


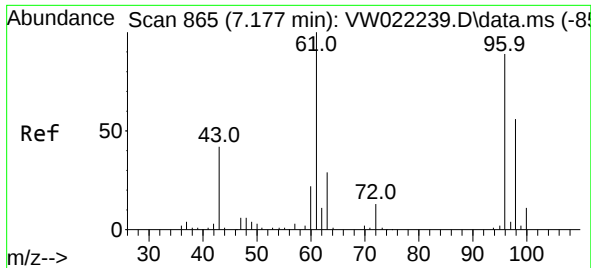
Tgt Ion:	63	Resp:	67290
Ion	Ratio	Lower	Upper
63	100		
65	30.9	22.5	41.9
83	14.5	11.5	21.5



#20
cis-1,2-Dichloroethene
Concen: 25.582 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW022262.D
Acq: 09 Mar 2022 18:45

Tgt Ion:	96	Resp:	43518
Ion	Ratio	Lower	Upper
96	100		
61	106.9	76.8	142.6
68	0.0	0.0	0.0

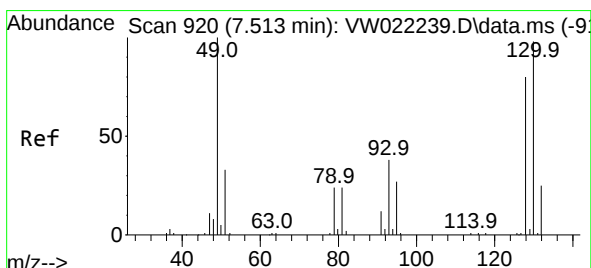
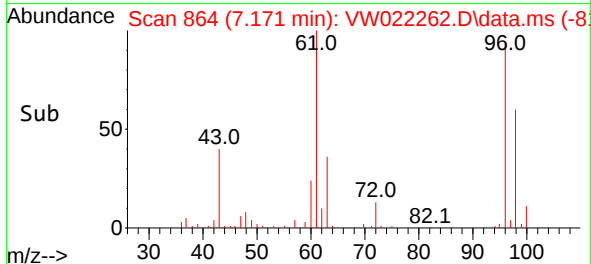
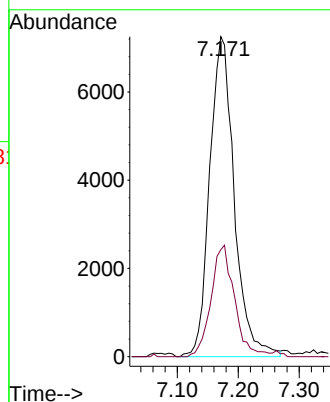
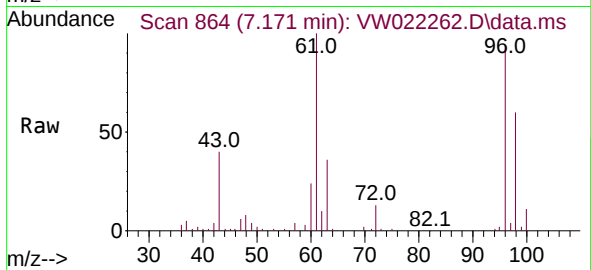




#22
2-Butanone
Concen: 57.069 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.006 min
Lab File: VW022262.D
Acq: 09 Mar 2022 18:45

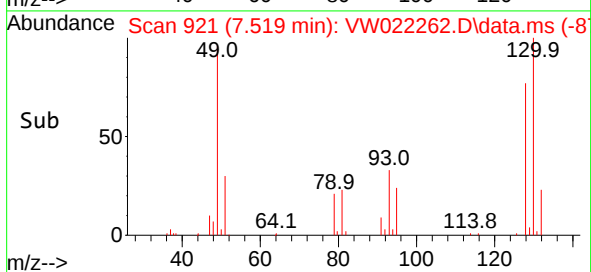
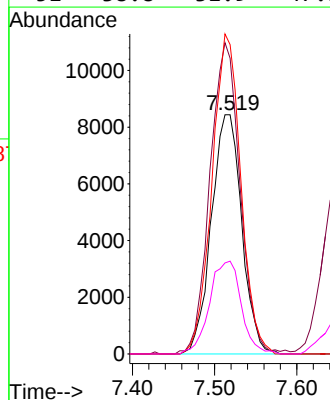
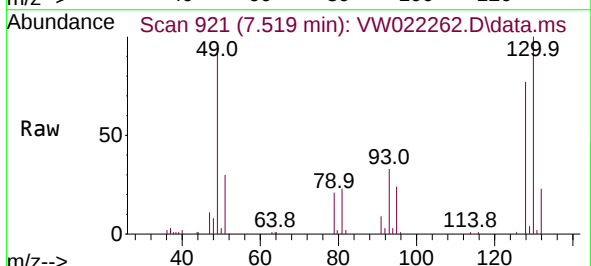
Instrument :
MSVOA_W
ClientSampleId :

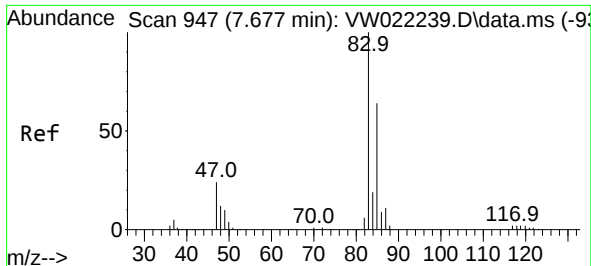
Tgt Ion: 43 Resp: 20323
Ion Ratio Lower Upper
43 100
72 32.8 17.0 51.0



#23
Bromochloromethane
Concen: 26.070 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.006 min
Lab File: VW022262.D
Acq: 09 Mar 2022 18:45

Tgt Ion: 128 Resp: 21664
Ion Ratio Lower Upper
128 100
49 123.6 84.2 156.4
130 129.3 84.8 157.4
51 38.8 31.9 47.9

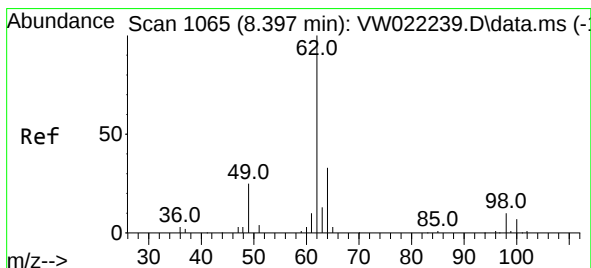
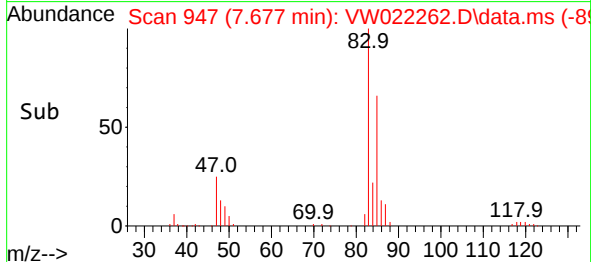
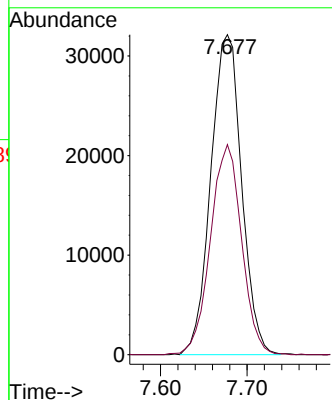
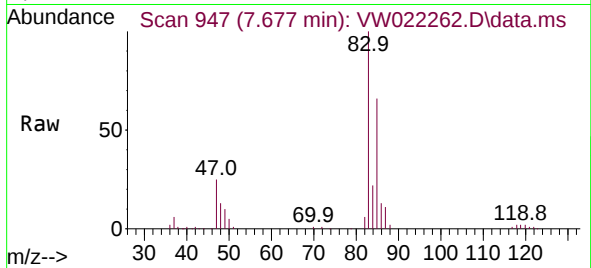




#25
Chloroform
Concen: 26.797 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW022262.D
Acq: 09 Mar 2022 18:45

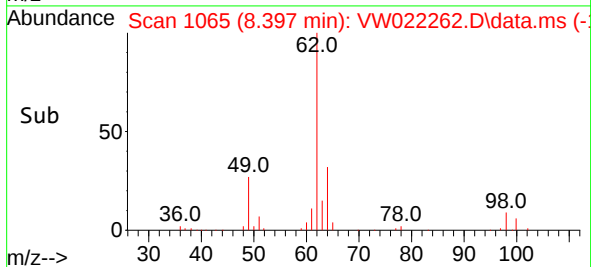
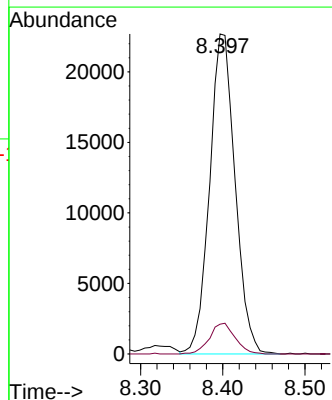
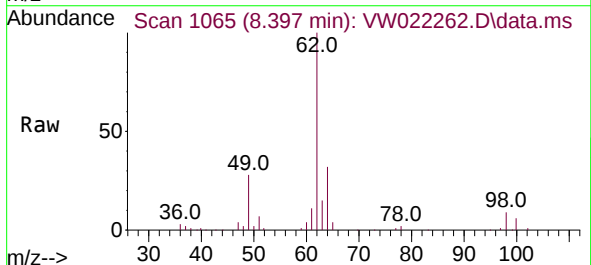
Instrument :
MSVOA_W
ClientSampleId :

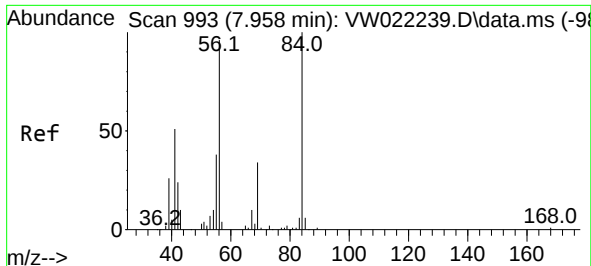
Tgt Ion: 83 Resp: 79490
Ion Ratio Lower Upper
83 100
85 65.6 45.1 83.9



#27
1,2-Dichloroethane
Concen: 26.786 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VW022262.D
Acq: 09 Mar 2022 18:45

Tgt Ion: 62 Resp: 48940
Ion Ratio Lower Upper
62 100
98 9.3 7.9 11.9





#29

Cyclohexane

Concen: 22.568 ug/L

RT: 7.958 min Scan# 993

Delta R.T. -0.000 min

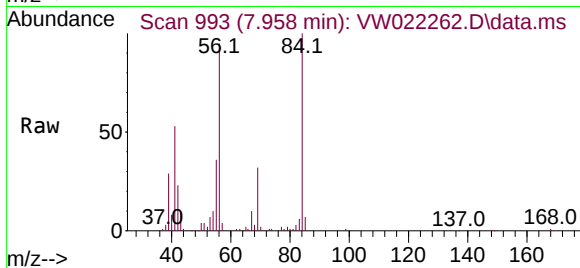
Lab File: VW022262.D

Acq: 09 Mar 2022 18:45

Instrument :

MSVOA_W

ClientSampleId :



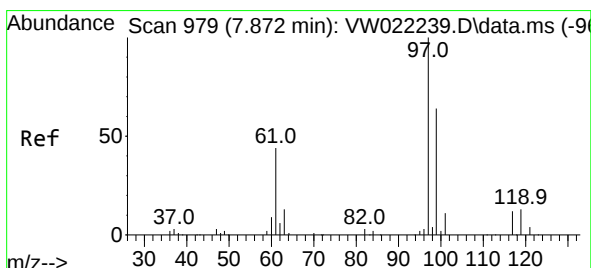
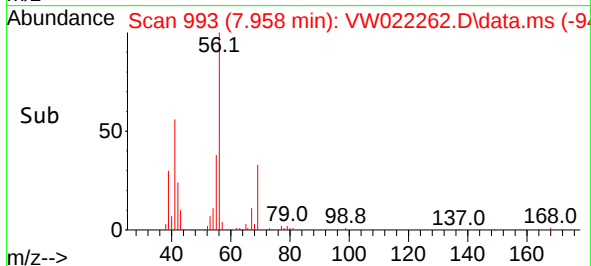
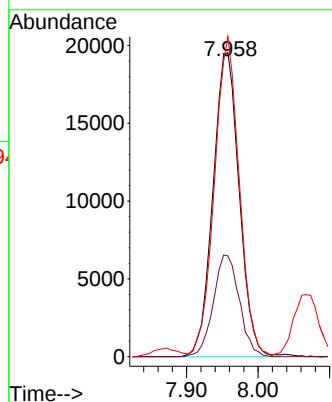
Tgt Ion: 56 Resp: 49738

Ion Ratio Lower Upper

56 100

69 33.1 26.3 39.5

84 99.6 81.4 122.2



#30

1,1,1-Trichloroethane

Concen: 25.052 ug/L

RT: 7.872 min Scan# 979

Delta R.T. -0.000 min

Lab File: VW022262.D

Acq: 09 Mar 2022 18:45

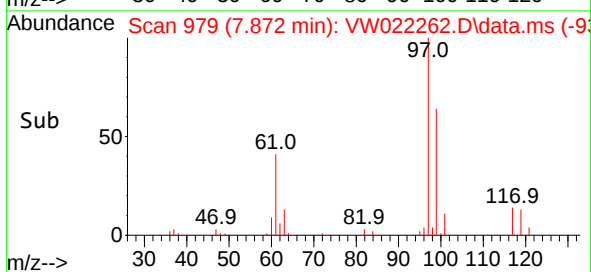
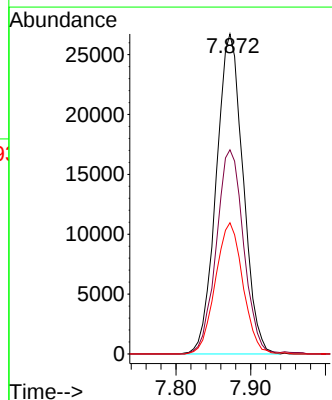
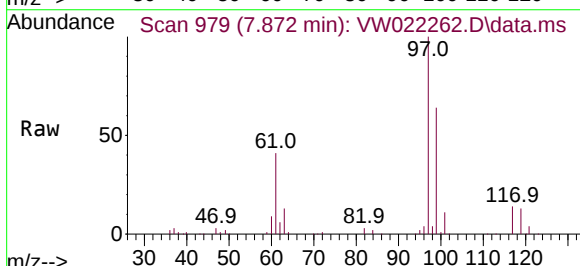
Tgt Ion: 97 Resp: 66747

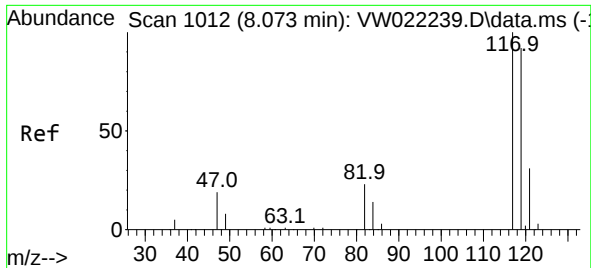
Ion Ratio Lower Upper

97 100

99 64.9 52.6 78.8

61 41.9 33.0 49.6

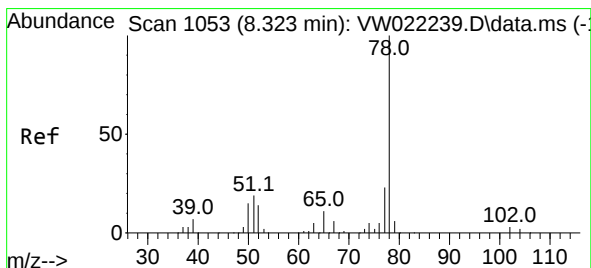
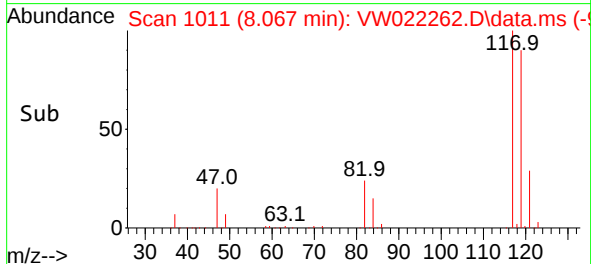
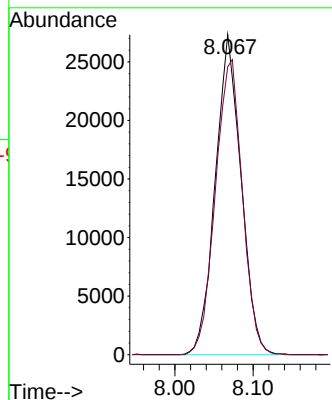
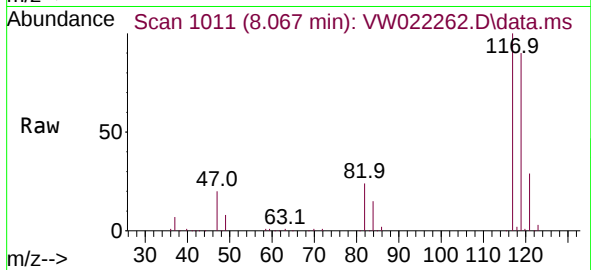




#31
Carbon tetrachloride
Concen: 24.635 ug/L
RT: 8.067 min Scan# 1012
Delta R.T. -0.006 min
Lab File: VW022262.D
Acq: 09 Mar 2022 18:45

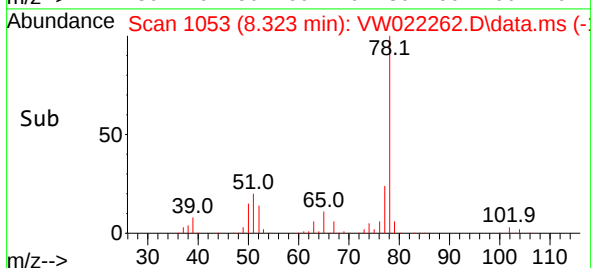
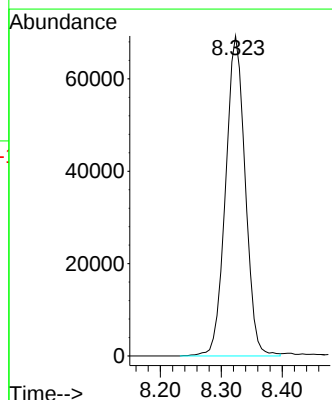
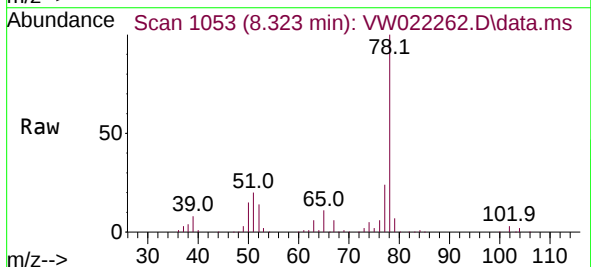
Instrument :
MSVOA_W
ClientSampleId :

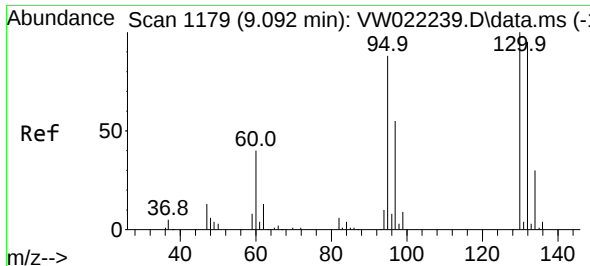
Tgt Ion:117 Resp: 62381
Ion Ratio Lower Upper
117 100
119 96.7 76.7 115.1



#33
Benzene
Concen: 24.230 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW022262.D
Acq: 09 Mar 2022 18:45

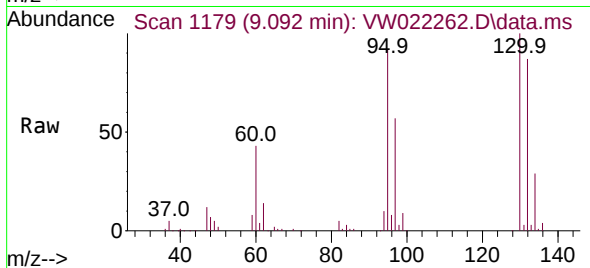
Tgt Ion: 78 Resp: 155135





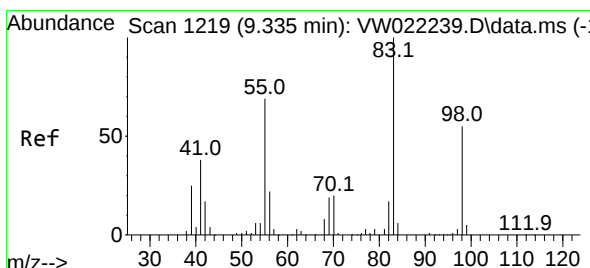
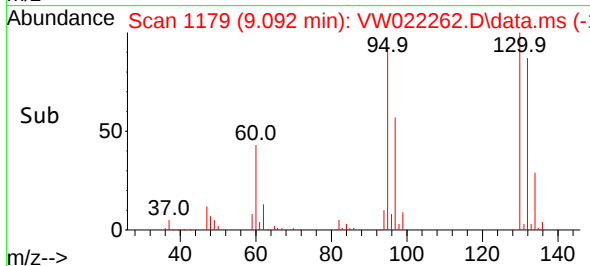
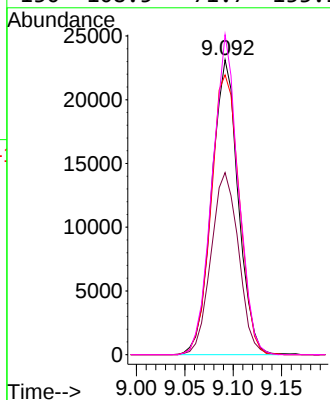
#34
Trichloroethene
Concen: 24.119 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW022262.D
Acq: 09 Mar 2022 18:45

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 95 Resp: 44216

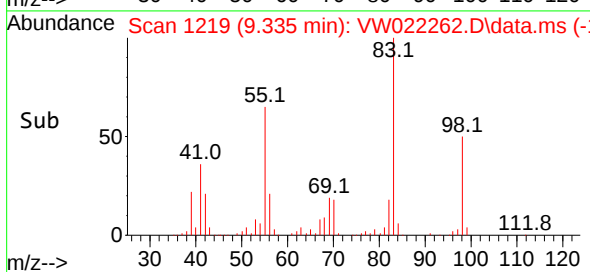
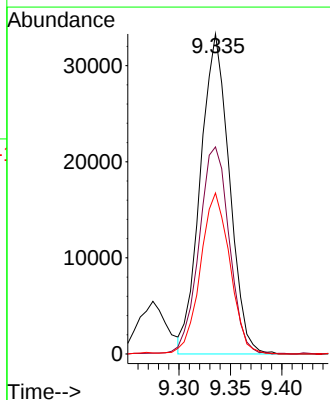
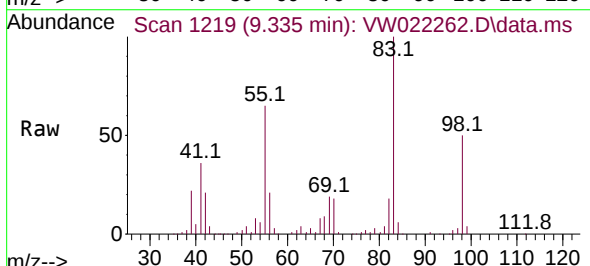
Ion	Ratio	Lower	Upper
95	100		
97	61.7	44.4	82.4
132	94.9	71.7	133.1
130	108.5	71.7	133.1

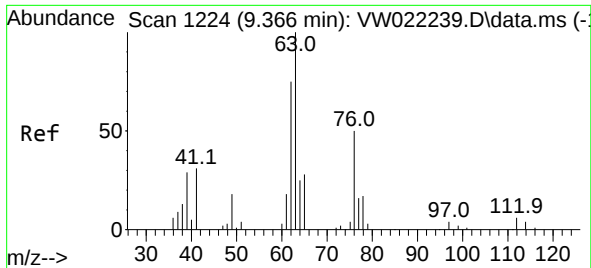


#35
Methylcyclohexane
Concen: 22.995 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW022262.D
Acq: 09 Mar 2022 18:45

Tgt Ion: 83 Resp: 65203

Ion	Ratio	Lower	Upper
83	100		
55	67.6	53.8	80.8
98	51.3	42.1	63.1





#37

1,2-Dichloropropane

Concen: 26.049 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW022262.D

Acq: 09 Mar 2022 18:45

Instrument :

MSVOA_W

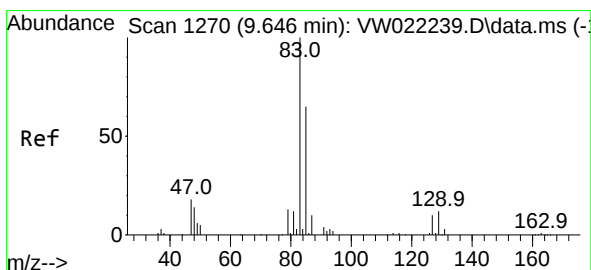
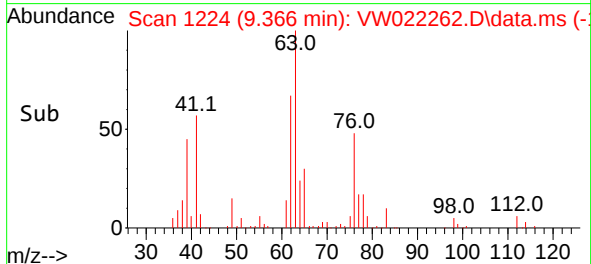
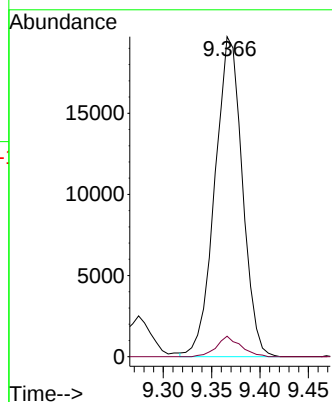
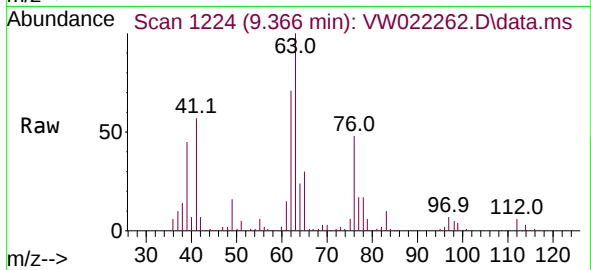
ClientSampleId :

Tgt Ion: 63 Resp: 38909

Ion Ratio Lower Upper

63 100

112 5.6 4.1 6.1



#38

Bromodichloromethane

Concen: 26.811 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW022262.D

Acq: 09 Mar 2022 18:45

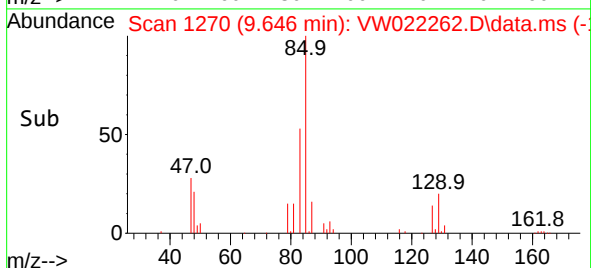
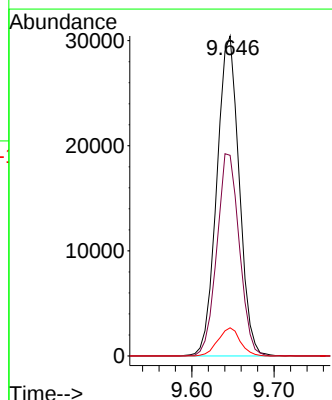
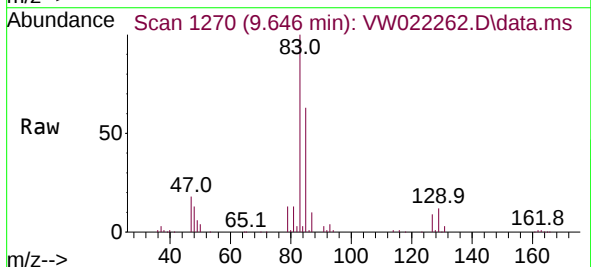
Tgt Ion: 83 Resp: 57430

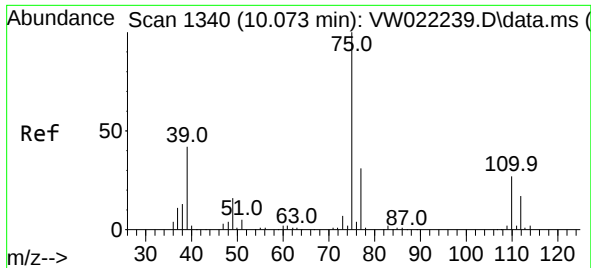
Ion Ratio Lower Upper

83 100

85 62.7 47.9 89.1

127 8.8 7.5 11.3





#39

cis-1,3-Dichloropropene

Concen: 26.352 ug/L

RT: 10.073 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW022262.D

Acq: 09 Mar 2022 18:45

Instrument :

MSVOA_W

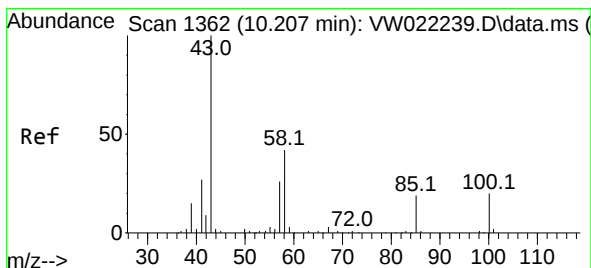
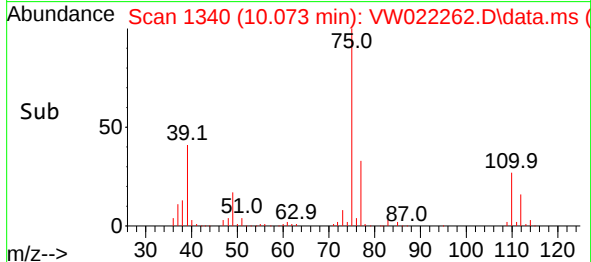
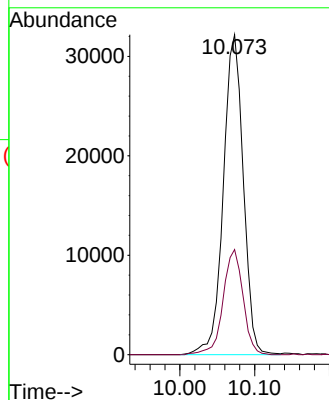
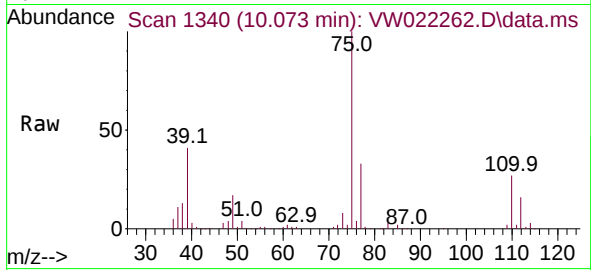
ClientSampleId :

Tgt Ion: 75 Resp: 59831

Ion Ratio Lower Upper

75 100

77 32.9 20.6 38.2



#40

4-Methyl-2-pentanone

Concen: 57.509 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW022262.D

Acq: 09 Mar 2022 18:45

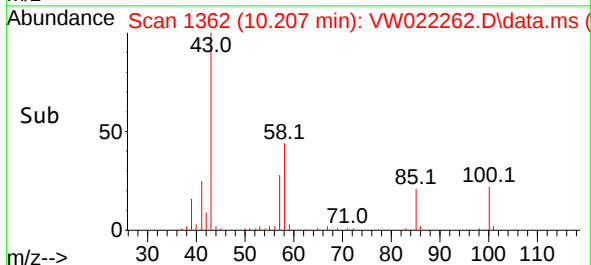
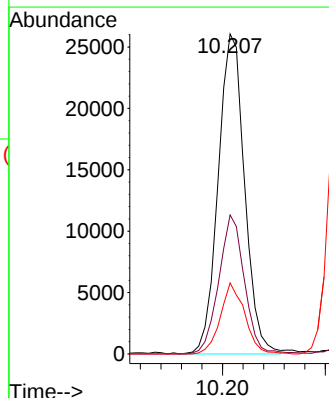
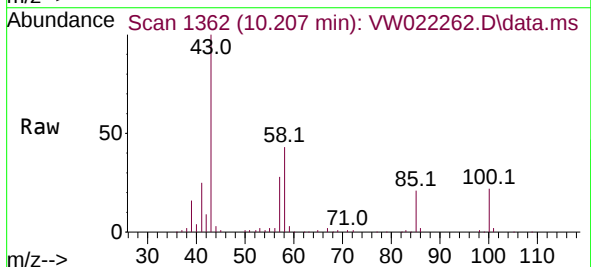
Tgt Ion: 43 Resp: 46389

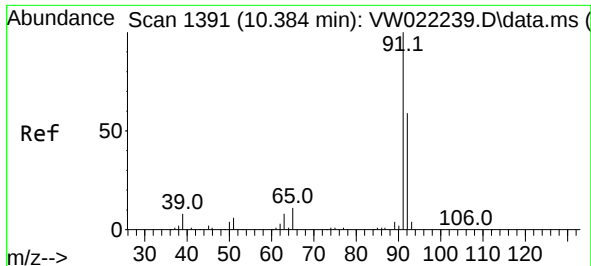
Ion Ratio Lower Upper

43 100

58 42.3 33.2 49.8

100 20.6 16.1 24.1

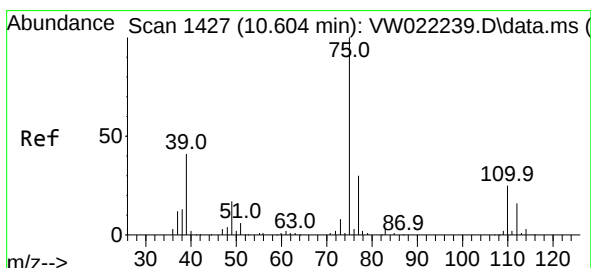
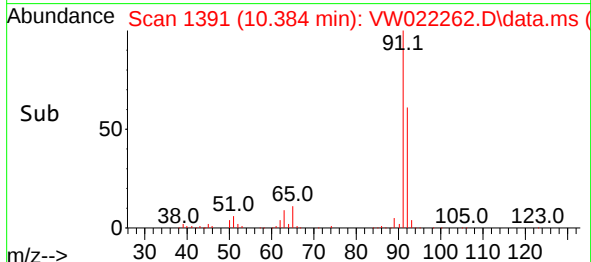
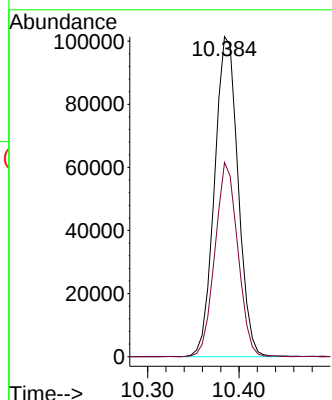
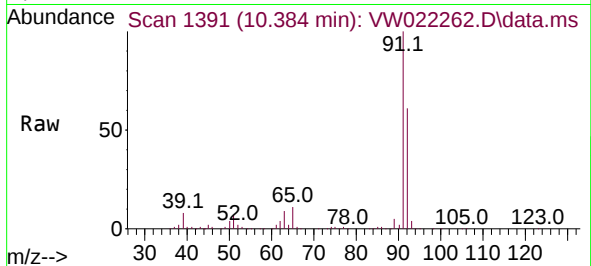




#42
Toluene
Concen: 25.077 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW022262.D
Acq: 09 Mar 2022 18:45

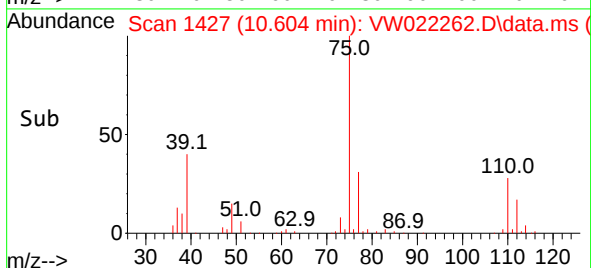
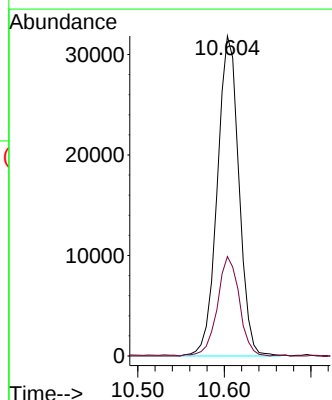
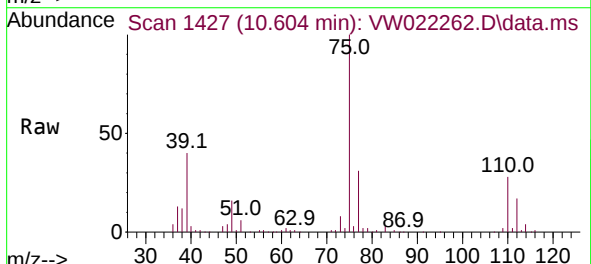
Instrument :
MSVOA_W
ClientSampleId :

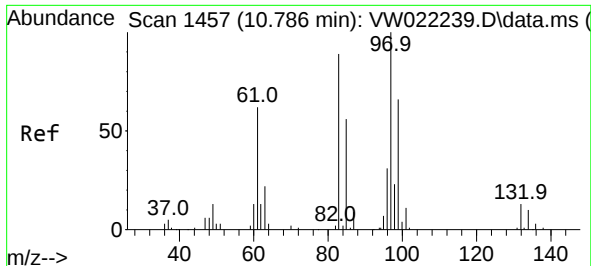
Tgt Ion: 91 Resp: 181722
Ion Ratio Lower Upper
91 100
92 60.7 40.4 75.0



#44
trans-1,3-Dichloropropene
Concen: 27.044 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW022262.D
Acq: 09 Mar 2022 18:45

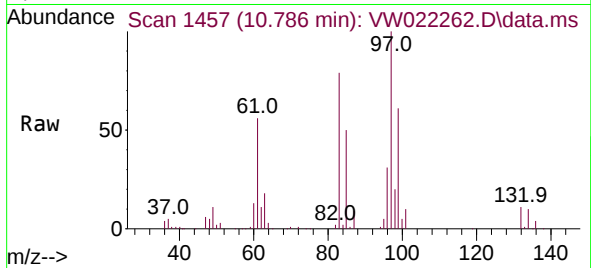
Tgt Ion: 75 Resp: 55179
Ion Ratio Lower Upper
75 100
77 31.1 22.0 40.8



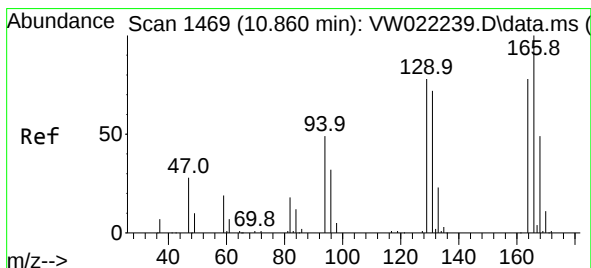
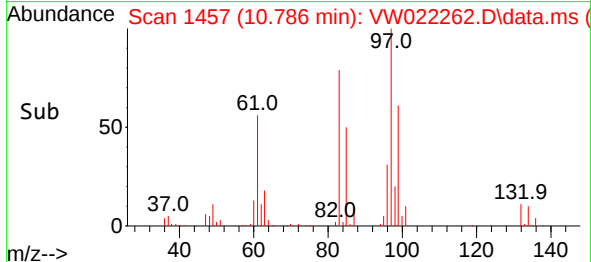
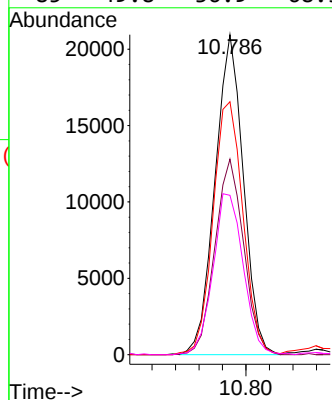


#45
1,1,2-Trichloroethane
Concen: 26.495 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW022262.D
Acq: 09 Mar 2022 18:45

Instrument :
MSVOA_W
ClientSampleId :

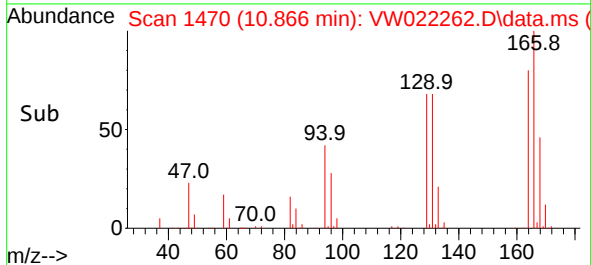
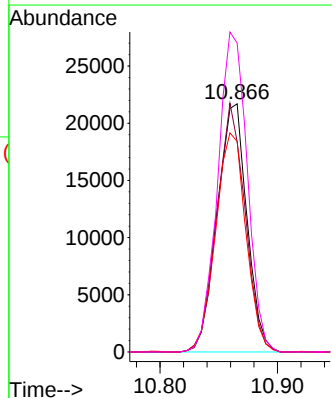
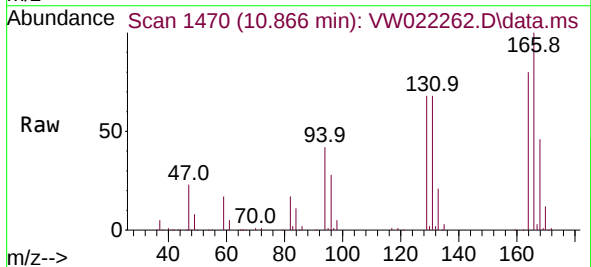


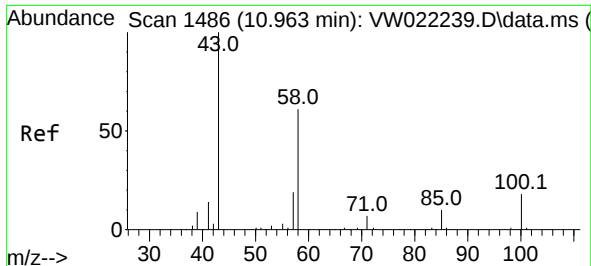
Tgt Ion:	97	Resp:	35093
Ion	Ratio	Lower	Upper
97	100		
99	61.1	43.5	80.7
83	79.1	53.5	99.3
85	49.8	36.9	68.5



#46
Tetrachloroethene
Concen: 23.778 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW022262.D
Acq: 09 Mar 2022 18:45

Tgt Ion:	164	Resp:	38185
Ion	Ratio	Lower	Upper
164	100		
129	84.8	60.3	111.9
131	84.9	59.9	111.3
166	124.5	77.0	143.0

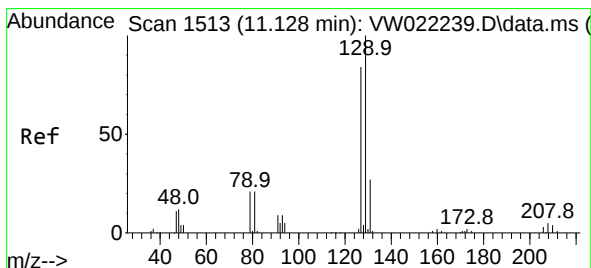
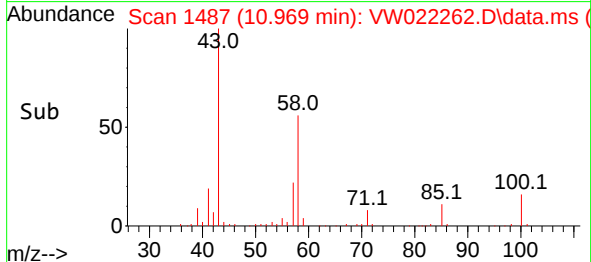
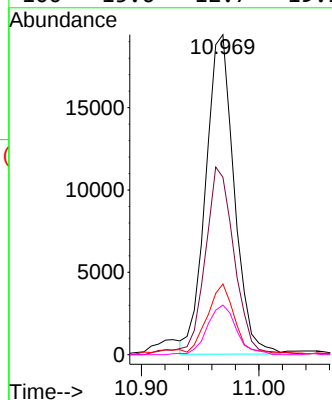
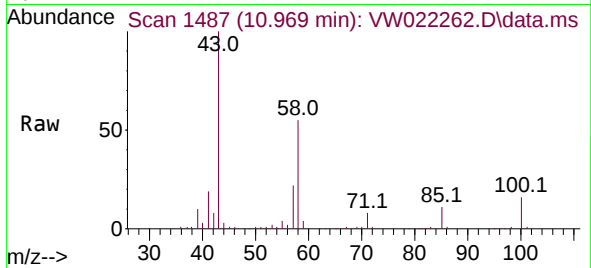




#48
2-Hexanone
Concen: 58.433 ug/L
RT: 10.969 min Scan# 1486
Delta R.T. 0.006 min
Lab File: VW022262.D
Acq: 09 Mar 2022 18:45

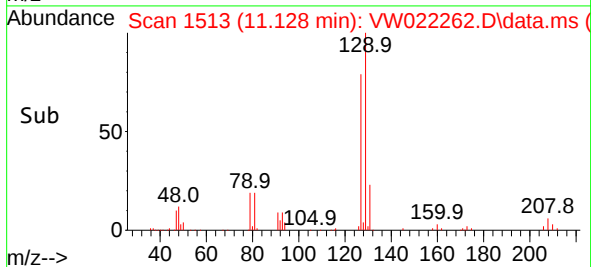
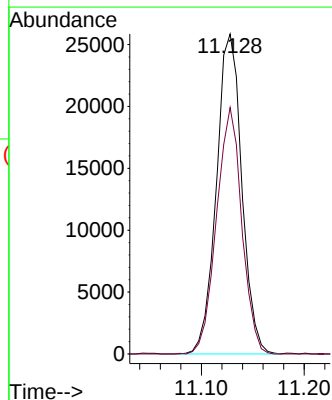
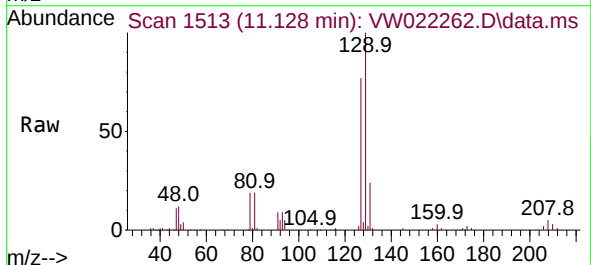
Instrument :
MSVOA_W
ClientSampleId :

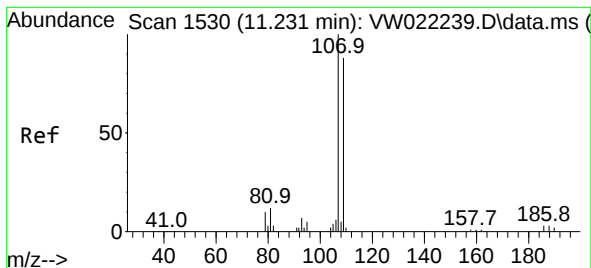
Tgt Ion: 43	Resp:	32714
Ion	Ratio	Lower Upper
43	100	
58	59.8	44.6 66.8
57	21.2	15.8 23.8
100	15.6	12.7 19.1



#49
Dibromochloromethane
Concen: 27.537 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW022262.D
Acq: 09 Mar 2022 18:45

Tgt Ion: 129	Resp:	44303
Ion	Ratio	Lower Upper
129	100	
127	77.0	54.5 101.1

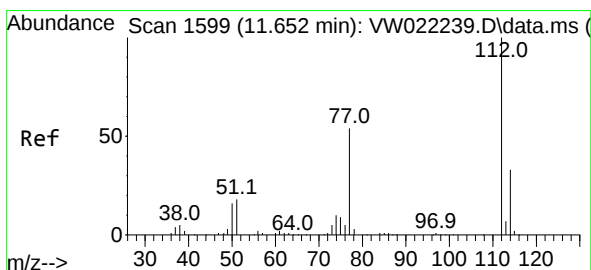
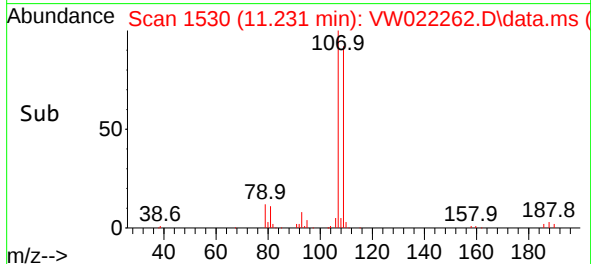
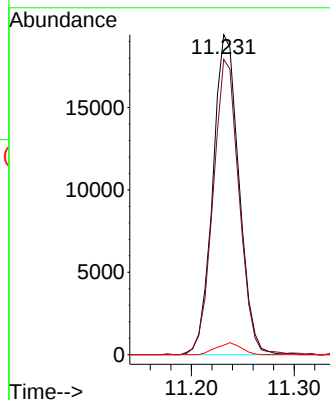
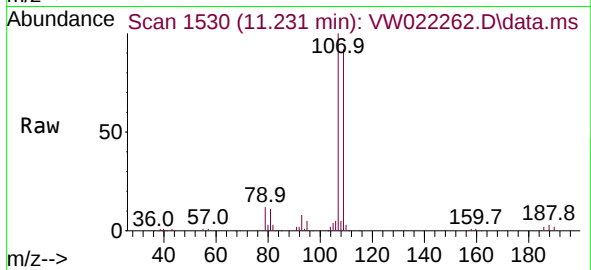




#50
1,2-Dibromoethane
Concen: 26.796 ug/L
RT: 11.231 min Scan# 1530
Delta R.T. 0.000 min
Lab File: VW022262.D
Acq: 09 Mar 2022 18:45

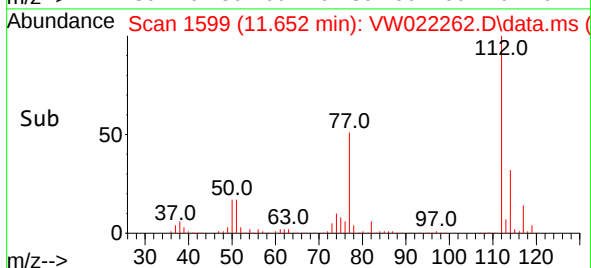
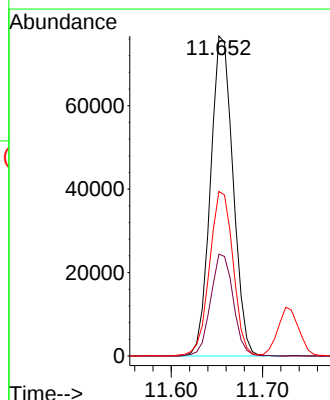
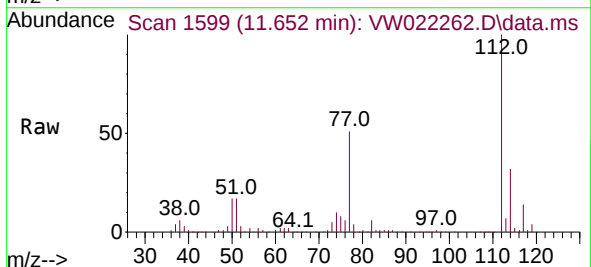
Instrument :
MSVOA_W
ClientSampleId :

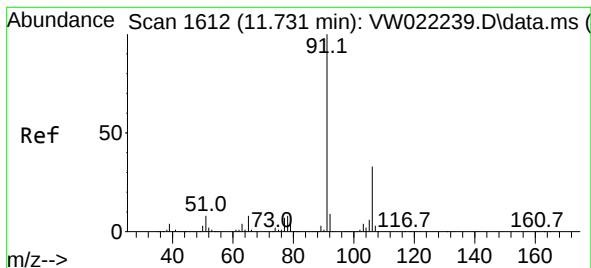
Tgt Ion:107 Resp: 34233
Ion Ratio Lower Upper
107 100
109 92.3 66.8 124.2
188 2.9 2.6 4.0



#51
Chlorobenzene
Concen: 26.155 ug/L
RT: 11.652 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VW022262.D
Acq: 09 Mar 2022 18:45

Tgt Ion:112 Resp: 131904
Ion Ratio Lower Upper
112 100
114 31.8 23.0 42.8
77 51.4 41.8 62.6





#52

Ethylbenzene

Concen: 26.162 ug/L

RT: 11.731 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW022262.D

Acq: 09 Mar 2022 18:45

Instrument :

MSVOA_W

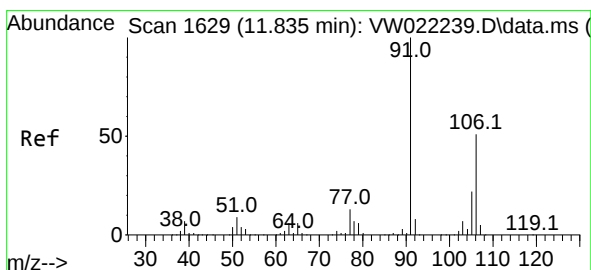
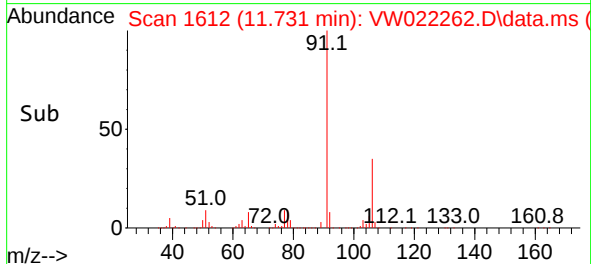
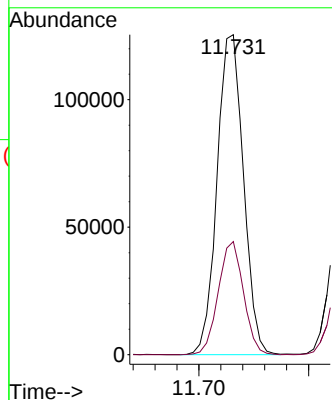
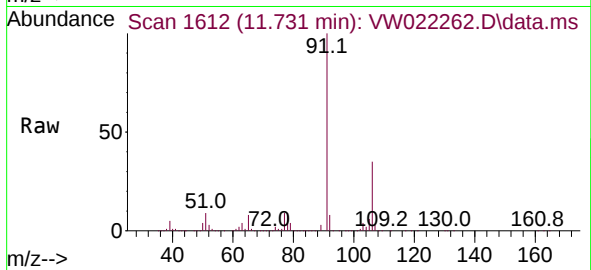
ClientSampleId :

Tgt Ion: 91 Resp: 209817

Ion Ratio Lower Upper

91 100

106 35.3 22.8 42.4



#53

m,p-Xylene

Concen: 26.014 ug/L

RT: 11.835 min Scan# 1629

Delta R.T. 0.000 min

Lab File: VW022262.D

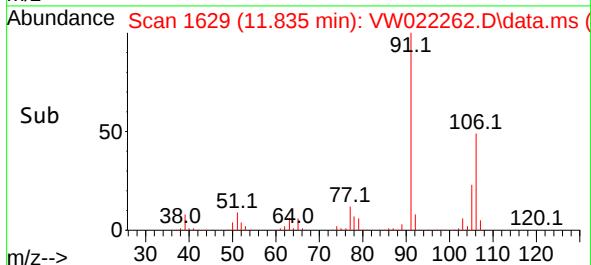
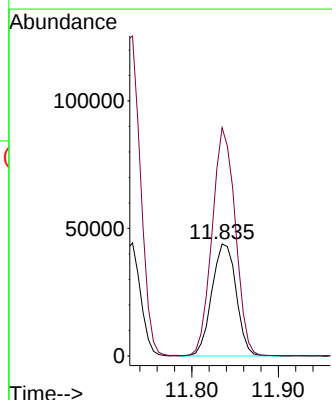
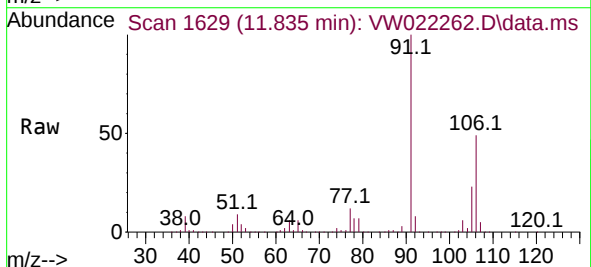
Acq: 09 Mar 2022 18:45

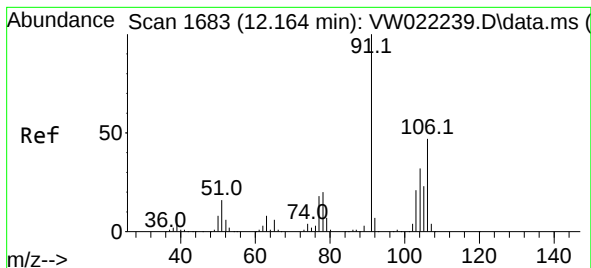
Tgt Ion:106 Resp: 85846

Ion Ratio Lower Upper

106 100

91 203.8 135.0 250.8





#54

o-Xylene

Concen: 26.435 ug/L

RT: 12.164 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW022262.D

Acq: 09 Mar 2022 18:45

Instrument :

MSVOA_W

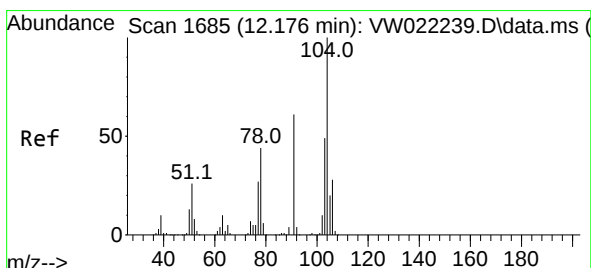
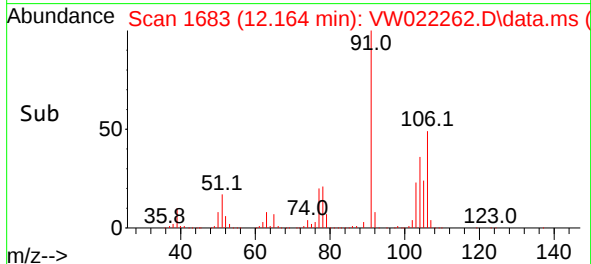
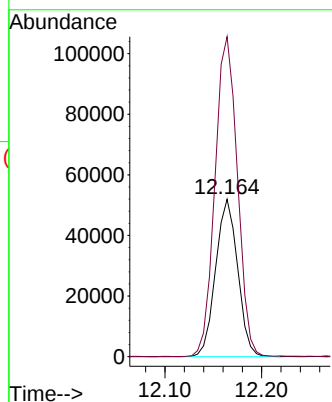
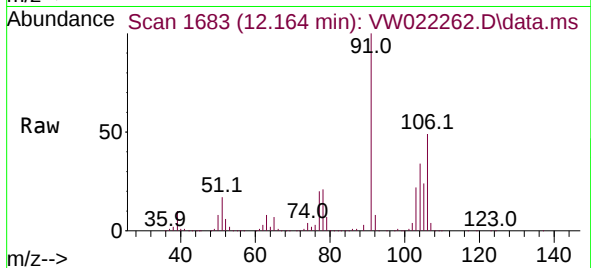
ClientSampleId :

Tgt Ion:106 Resp: 82082

Ion Ratio Lower Upper

106 100

91 203.3 136.9 254.3



#55

Styrene

Concen: 27.685 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VW022262.D

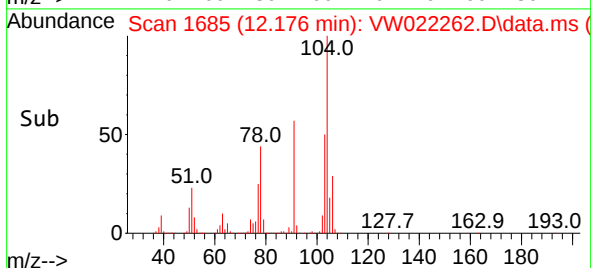
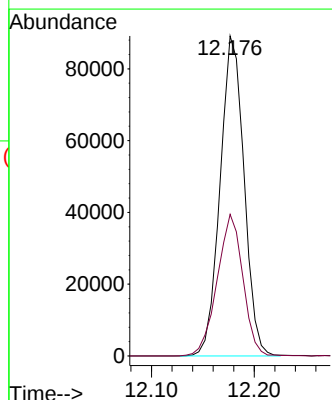
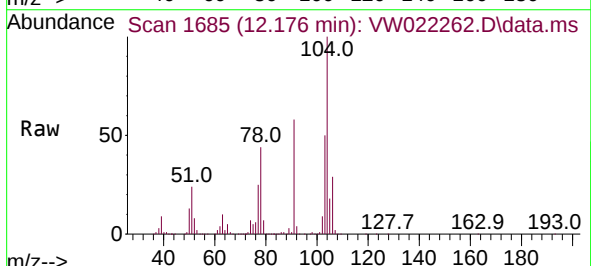
Acq: 09 Mar 2022 18:45

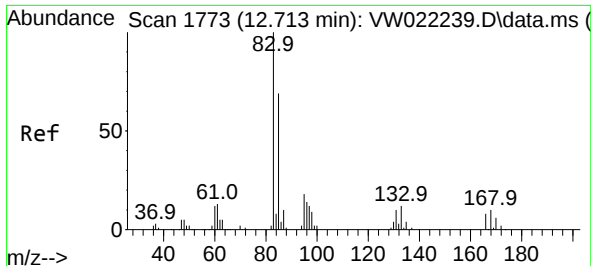
Tgt Ion:104 Resp: 144113

Ion Ratio Lower Upper

104 100

78 44.3 27.8 51.6





#57

1,1,2,2-Tetrachloroethane

Concen: 28.112 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW022262.D

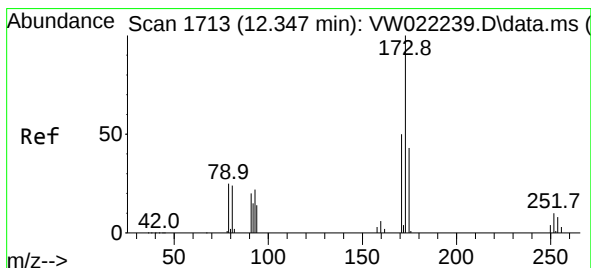
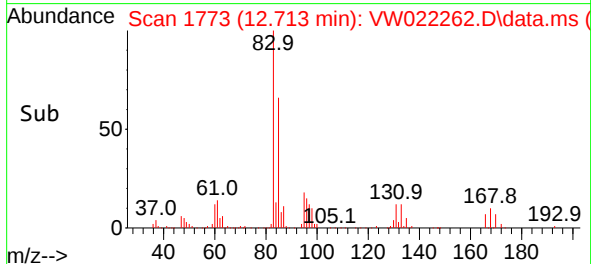
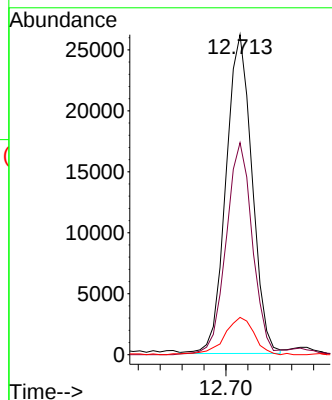
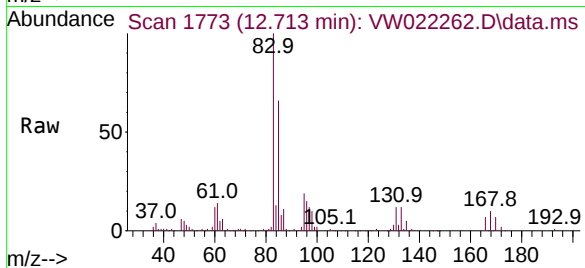
Acq: 09 Mar 2022 18:45

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	43202
Ion	Ratio	Lower	Upper
83	100		
85	66.3	44.2	82.0
131	11.7	9.4	14.0



#59

Bromoform

Concen: 25.057 ug/L

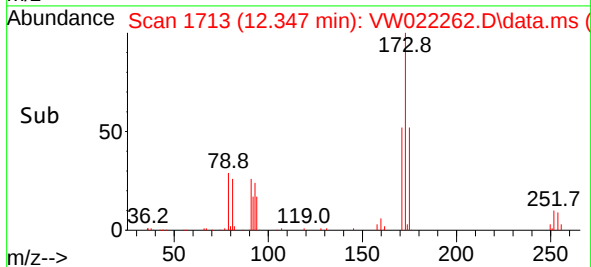
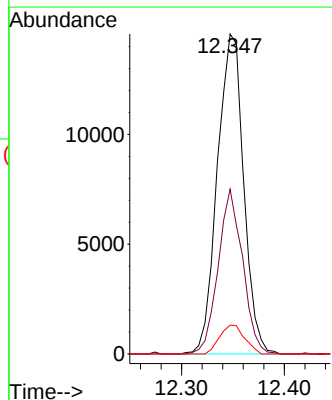
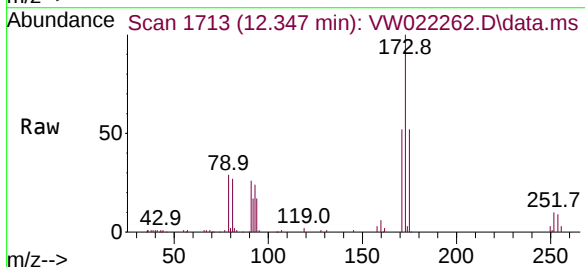
RT: 12.347 min Scan# 1713

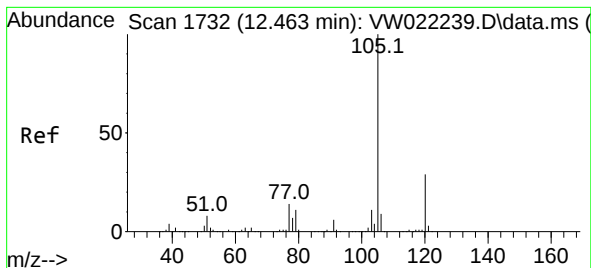
Delta R.T. 0.000 min

Lab File: VW022262.D

Acq: 09 Mar 2022 18:45

Tgt Ion:	173	Resp:	25919
Ion	Ratio	Lower	Upper
173	100		
175	47.8	38.2	57.4
254	8.5	5.0	7.6#





#60

Isopropylbenzene

Concen: 25.155 ug/L

RT: 12.463 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022262.D

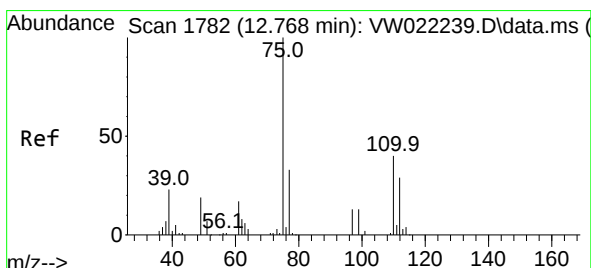
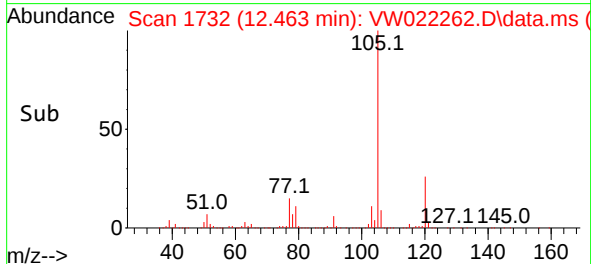
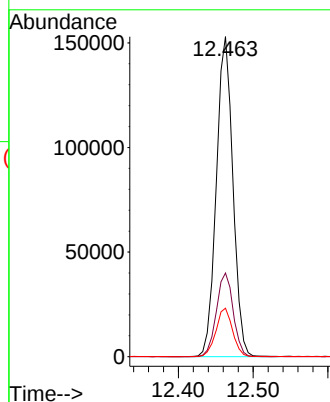
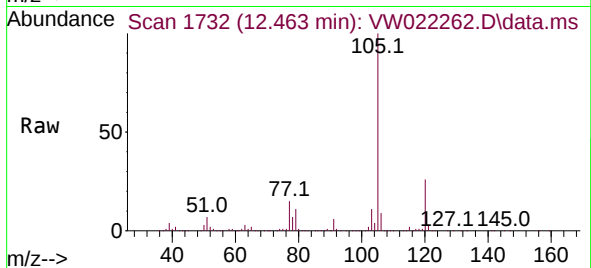
Acq: 09 Mar 2022 18:45

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	105	Resp:	236203
Ion Ratio	Lower	Upper	
105	100		
120	26.5	22.1	33.1
77	15.2	12.0	18.0



#61

1,2,3-Trichloropropane

Concen: 25.080 ug/L

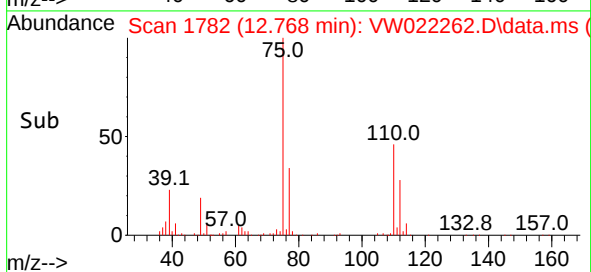
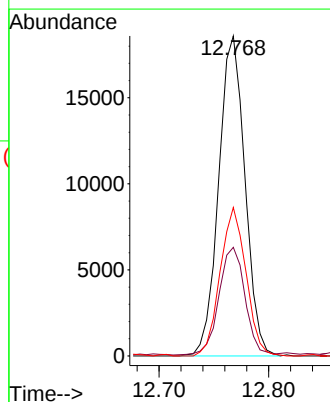
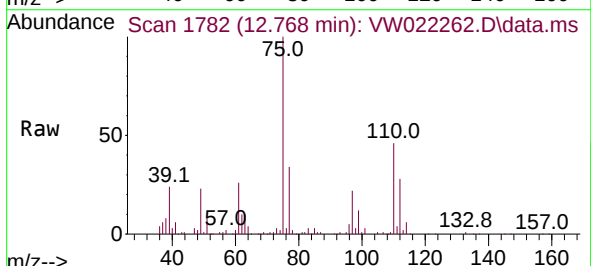
RT: 12.768 min Scan# 1782

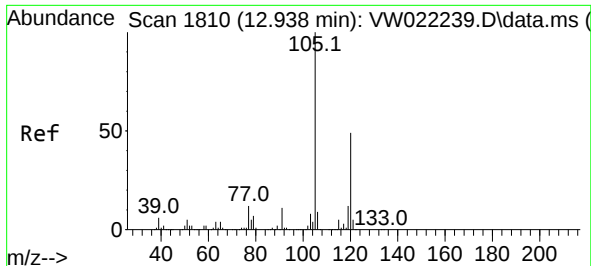
Delta R.T. -0.000 min

Lab File: VW022262.D

Acq: 09 Mar 2022 18:45

Tgt Ion:	75	Resp:	30962
Ion Ratio	Lower	Upper	
75	100		
77	33.1	27.1	40.7
110	45.7	36.7	55.1

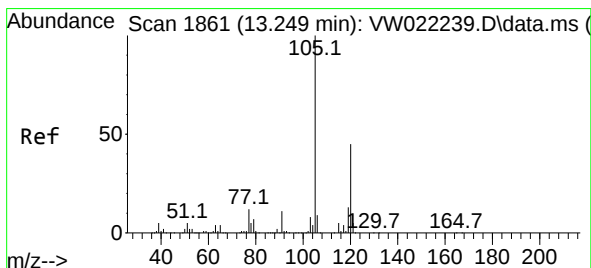
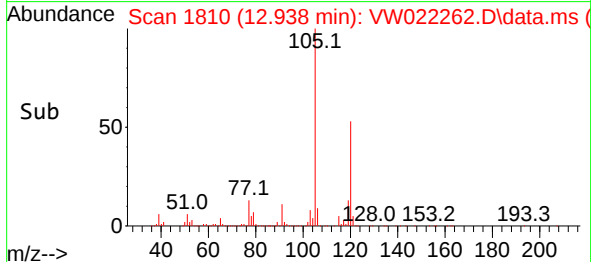
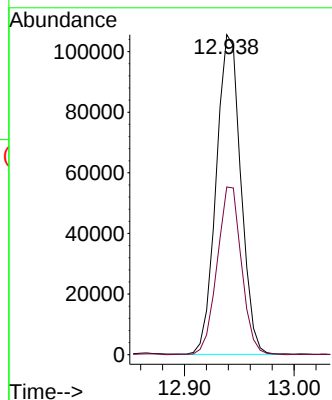
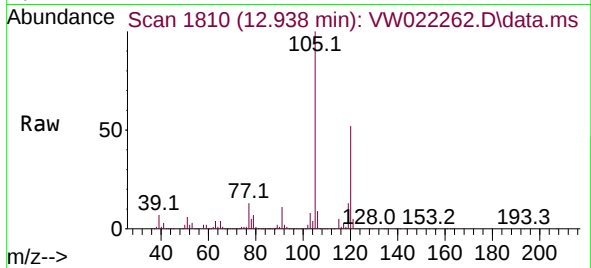




#62
1,3,5-Trimethylbenzene
Concen: 26.409 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW022262.D
Acq: 09 Mar 2022 18:45

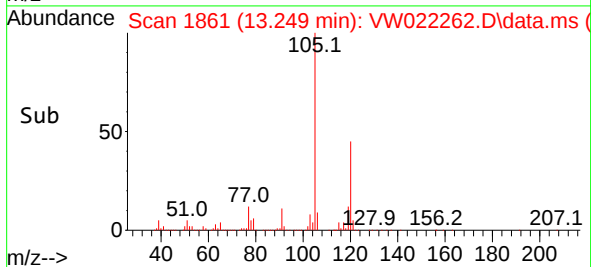
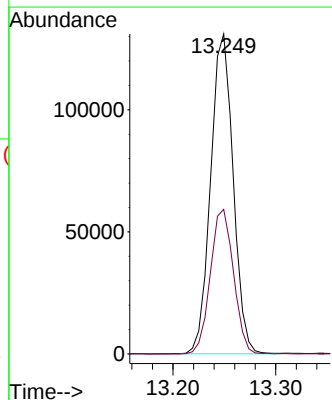
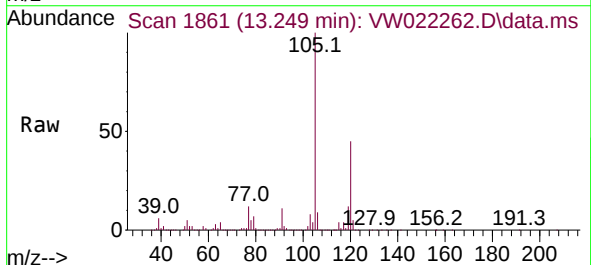
Instrument :
MSVOA_W
ClientSampleId :

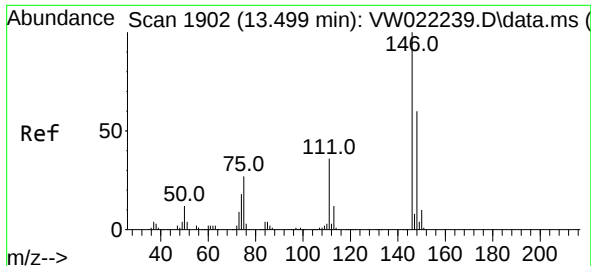
Tgt Ion:105 Resp: 164893
Ion Ratio Lower Upper
105 100
120 51.8 41.5 62.3



#63
1,2,4-Trimethylbenzene
Concen: 26.058 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW022262.D
Acq: 09 Mar 2022 18:45

Tgt Ion:105 Resp: 198837
Ion Ratio Lower Upper
105 100
120 46.5 39.2 58.8

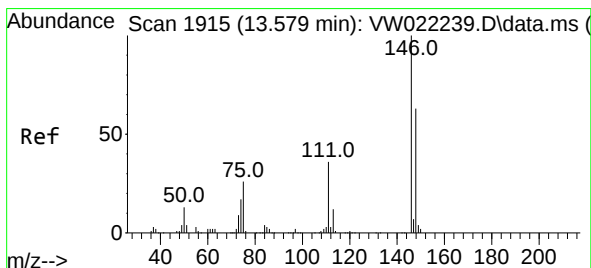
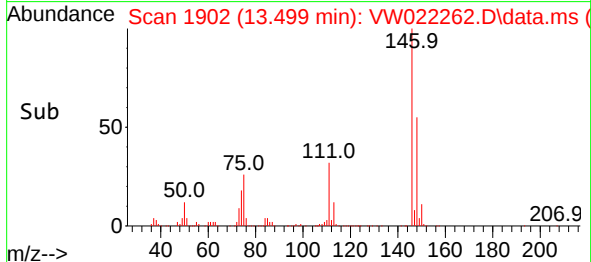
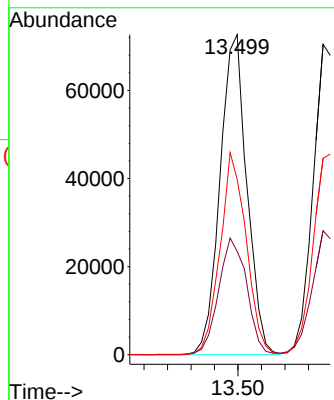
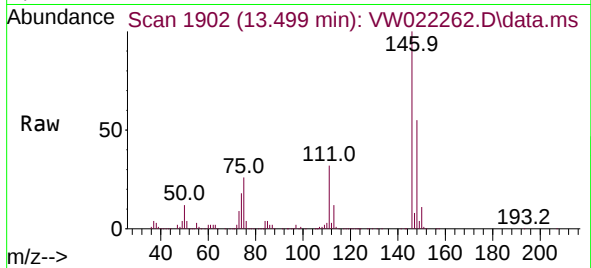




#64
1,3-Dichlorobenzene
Concen: 24.810 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW022262.D
Acq: 09 Mar 2022 18:45

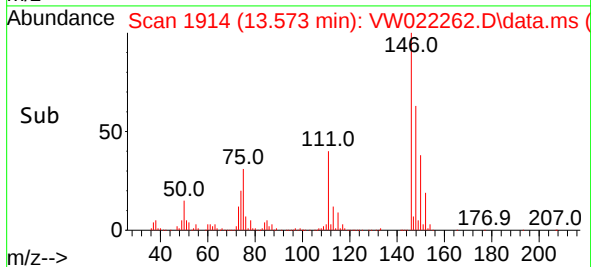
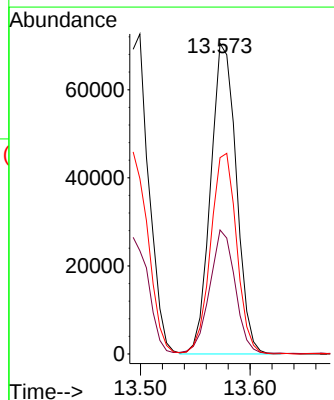
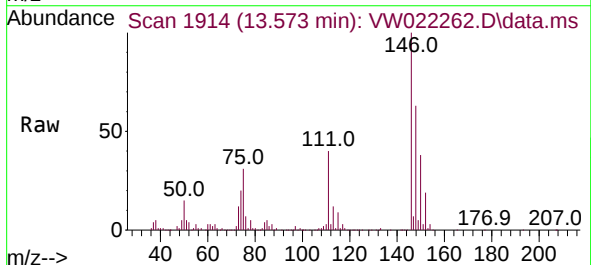
Instrument :
MSVOA_W
ClientSampleId :

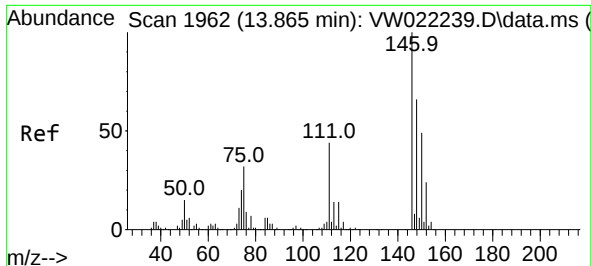
Tgt Ion:146 Resp: 115562
Ion Ratio Lower Upper
146 100
111 32.3 26.9 49.9
148 54.8 41.6 77.2



#65
1,4-Dichlorobenzene
Concen: 24.676 ug/L
RT: 13.573 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VW022262.D
Acq: 09 Mar 2022 18:45

Tgt Ion:146 Resp: 115180
Ion Ratio Lower Upper
146 100
111 40.0 27.5 51.1
148 63.3 42.9 79.7





#67

1,2-Dichlorobenzene

Concen: 25.691 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW022262.D

Acq: 09 Mar 2022 18:45

Instrument :

MSVOA_W

ClientSampleId :

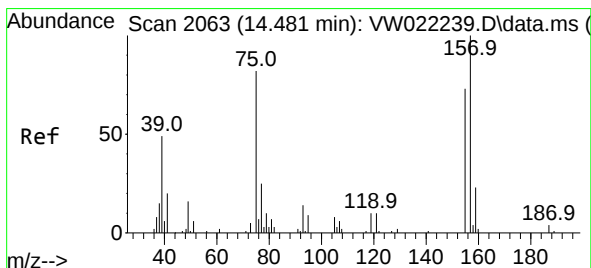
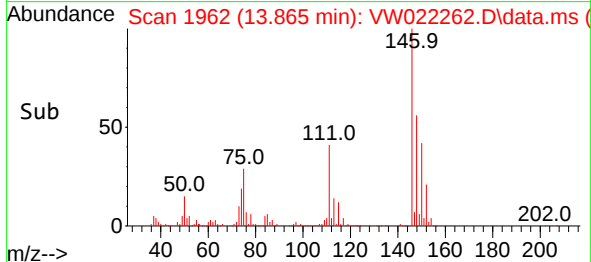
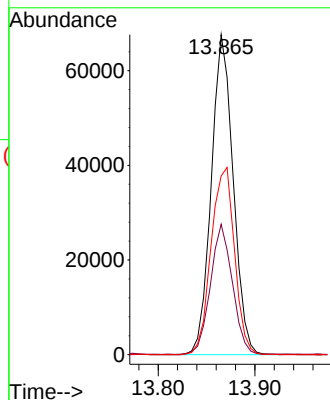
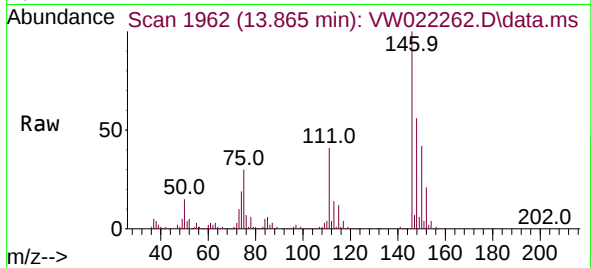
Tgt Ion:146 Resp: 106392

Ion Ratio Lower Upper

146 100

111 40.8 34.8 52.2

148 55.8 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 26.584 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW022262.D

Acq: 09 Mar 2022 18:45

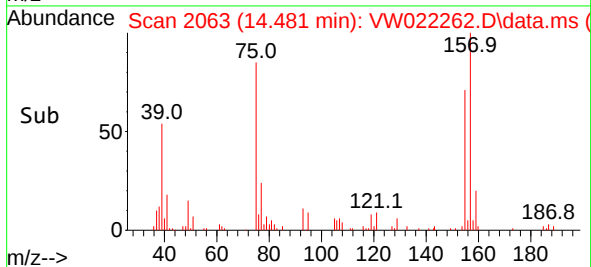
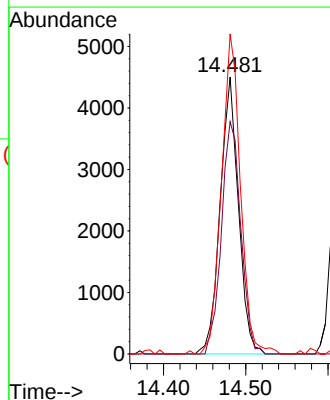
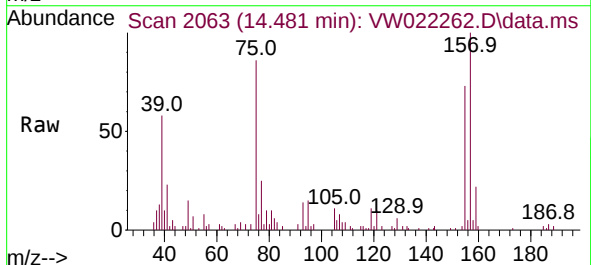
Tgt Ion: 75 Resp: 6938

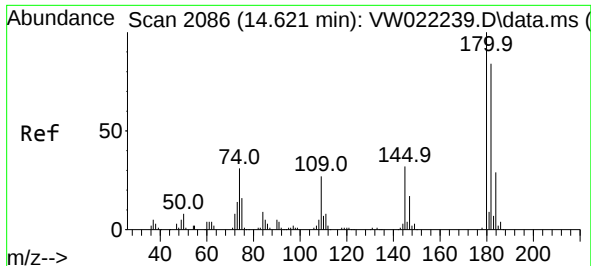
Ion Ratio Lower Upper

75 100

155 83.9 58.2 87.2

157 115.6 80.5 120.7



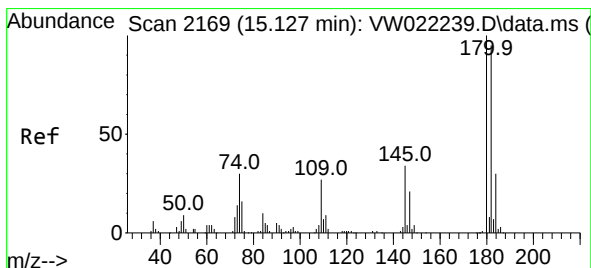
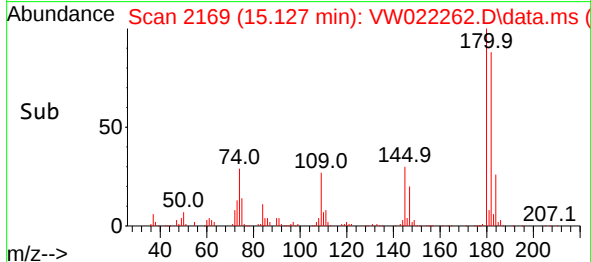
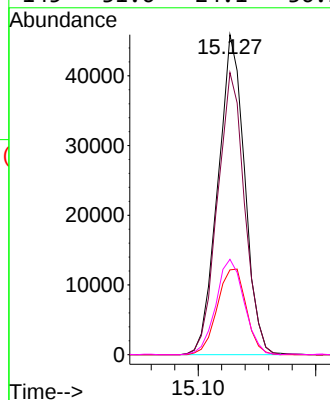
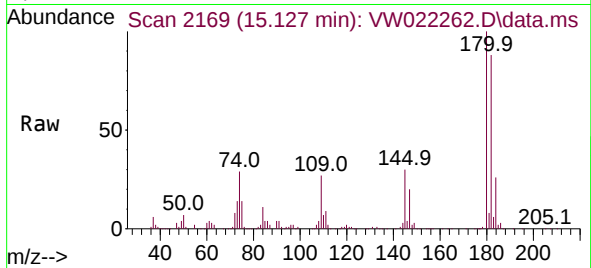


#69
 1,3,5-Trichlorobenzene
 Concen: 21.686 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. 0.506 min
 Lab File: VW022262.D
 Acq: 09 Mar 2022 18:45

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:180 Resp: 72502

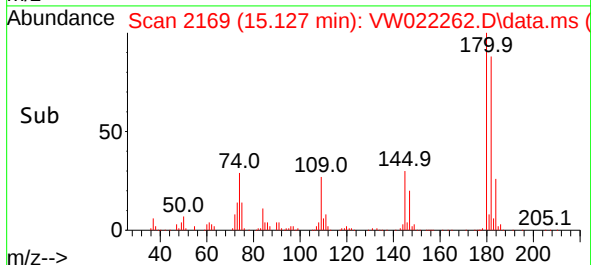
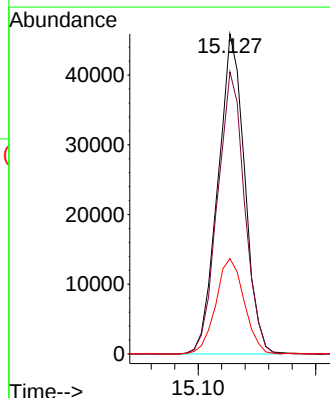
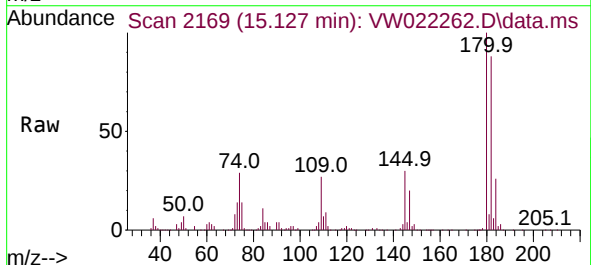
Ion	Ratio	Lower	Upper
180	100		
182	89.4	69.4	104.0
184	29.0	21.8	32.8
145	31.6	24.1	36.1

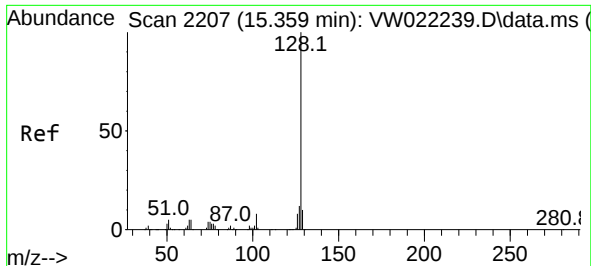


#70
 1,2,4-trichlorobenzene
 Concen: 28.661 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. -0.000 min
 Lab File: VW022262.D
 Acq: 09 Mar 2022 18:45

Tgt Ion:180 Resp: 72502

Ion	Ratio	Lower	Upper
180	100		
182	89.4	77.8	116.6
145	31.6	25.8	38.6

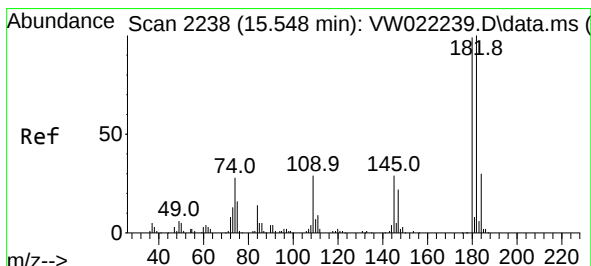
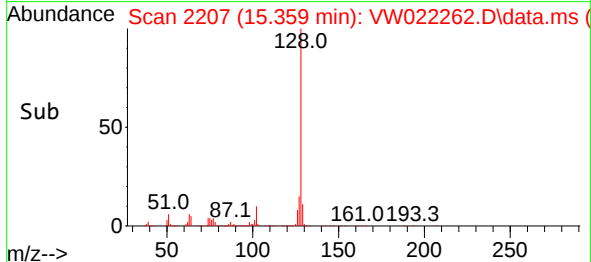
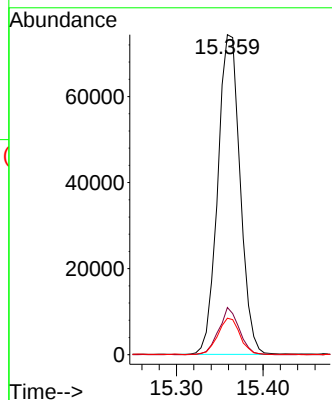
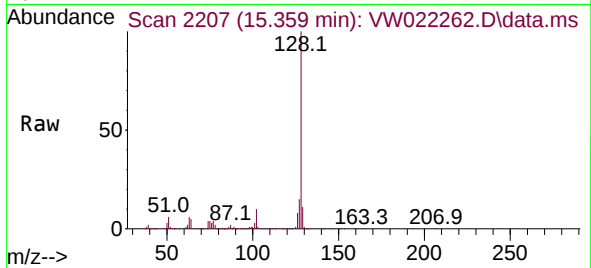




#71
Naphthalene
Concen: 29.871 ug/L
RT: 15.359 min Scan# 2207
Delta R.T. -0.000 min
Lab File: VW022262.D
Acq: 09 Mar 2022 18:45

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 133393
Ion Ratio Lower Upper
128 100
127 13.5 11.0 16.6
129 11.4 8.9 13.3



#72
1,2,3-Trichlorobenzene
Concen: 27.514 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.000 min
Lab File: VW022262.D
Acq: 09 Mar 2022 18:45

Tgt Ion:180 Resp: 60200
Ion Ratio Lower Upper
180 100
182 98.5 79.0 118.4
145 34.4 28.0 42.0

