

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030822\
 Data File : VW022237.D
 Acq On : 08 Mar 2022 18:51
 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 09 00:28:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Mar 09 00:23:14 2022
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	123205	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	118991	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	69000	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	46736	29.083	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 116.320%	
7) Chloroethane-d5	2.879	69	36033	28.498	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 114.000%	
11) 1,1-Dichloroethene-d2	4.013	63	62490	25.393	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 101.560%	
21) 2-Butanone-d5	7.074	46	18393	68.075	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 136.140%#	
24) Chloroform-d	7.647	84	79669	28.982	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 115.920%	
26) 1,2-Dichloroethane-d4	8.305	65	42514	29.753	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 119.000%	
32) Benzene-d6	8.275	84	152977	27.624	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 110.480%	
36) 1,2-Dichloropropane-d6	9.275	67	42650	27.732	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 110.920%	
41) Toluene-d8	10.323	98	149552	27.164	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 108.640%	
43) trans-1,3-Dichloroprop...	10.579	79	19092	27.999	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 112.000%	
47) 2-Hexanone-d5	10.927	63	15636	61.816	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 123.640%	
56) 1,1,2,2-Tetrachloroeth...	12.689	84	43129	31.955	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 127.800%#	
66) 1,2-Dichlorobenzene-d4	13.853	152	60168	27.149	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 108.600%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.001	85	10204	29.635	ug/L	97
3) Chloromethane	2.215	50	28894	24.489	ug/L	95
5) Vinyl chloride	2.355	62	45988	25.940	ug/L	99
6) Bromomethane	2.776	94	30680	24.779	ug/L	99
8) Chloroethane	2.916	64	26789	26.899	ug/L	98
9) Trichlorofluoromethane	3.257	101	29570	24.567	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	39792	27.097	ug/L	98
12) 1,1-Dichloroethene	4.038	96	32463	25.507	ug/L	96
13) Acetone	4.123	43	15259	69.146	ug/L	99
14) Carbon disulfide	4.379	76	64906	19.671	ug/L	98
15) Methyl Acetate	4.666	43	14371	28.927	ug/L	98
16) Methylene chloride	4.910	84	39492	26.114	ug/L	98
17) trans-1,2-Dichloroethene	5.422	96	36126	25.843	ug/L	96
18) Methyl tert-butyl Ether	5.428	73	56918	29.928	ug/L	99
19) 1,1-Dichloroethane	6.214	63	64916	28.685	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	41943	27.698	ug/L	96
22) 2-Butanone	7.171	43	22354	70.517	ug/L	97
23) Bromochloromethane	7.507	128	20395	27.571	ug/L	96
25) Chloroform	7.677	83	76474	28.961	ug/L	99

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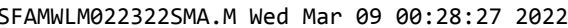
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 ClientSampleId :

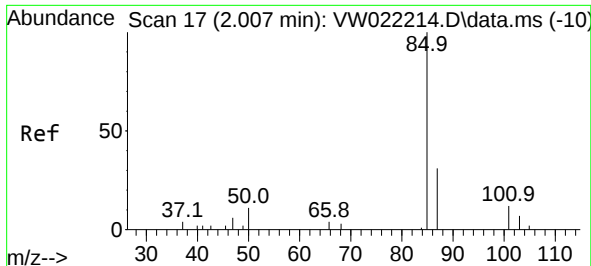
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 Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	47988	29.505	ug/L	99
29) Cyclohexane	7.952	56	47641	24.058	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	64590	26.980	ug/L	99
31) Carbon tetrachloride	8.067	117	59761	26.266	ug/L	100
33) Benzene	8.324	78	152081	26.435	ug/L	100
34) Trichloroethene	9.092	95	42342	25.705	ug/L	97
35) Methylcyclohexane	9.336	83	62305	24.454	ug/L	99
37) 1,2-Dichloropropane	9.366	63	37265	27.766	ug/L	99
38) Bromodichloromethane	9.646	83	54042	28.079	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	59739	29.283	ug/L	91
40) 4-Methyl-2-pentanone	10.207	43	46912	64.725	ug/L	99
42) Toluene	10.384	91	178091	27.352	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	54927	29.961	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	34846	29.279	ug/L	93
46) Tetrachloroethene	10.860	164	36087	25.009	ug/L	84
48) 2-Hexanone	10.969	43	33574	66.742	ug/L	95
49) Dibromochloromethane	11.128	129	42340	29.289	ug/L	90
50) 1,2-Dibromoethane	11.232	107	33220	28.939	ug/L	95
51) Chlorobenzene	11.658	112	126404	27.895	ug/L	98
52) Ethylbenzene	11.731	91	200590	27.836	ug/L	97
53) m,p-Xylene	11.835	106	82334	27.767	ug/L	98
54) o-Xylene	12.164	106	79700	28.567	ug/L	100
55) Styrene	12.176	104	134777	28.816	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.713	83	42936	31.094	ug/L	96
59) Bromoform	12.347	173	25197	27.614	ug/L	98
60) Isopropylbenzene	12.463	105	214849	25.939	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	30292	27.816	ug/L	100
62) 1,3,5-Trimethylbenzene	12.939	105	149252	27.098	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	184820	27.457	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	109417	26.629	ug/L	97
65) 1,4-Dichlorobenzene	13.573	146	108692	26.397	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	98113	26.857	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	6548	28.442	ug/L #	80
69) 1,3,5-Trichlorobenzene	14.627	180	77255	26.195	ug/L	92
70) 1,2,4-trichlorobenzene	15.127	180	63359	28.394	ug/L	94
71) Naphthalene	15.359	128	118898	30.183	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	55963	28.995	ug/L	94

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

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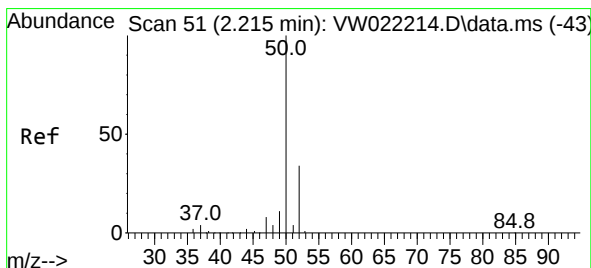
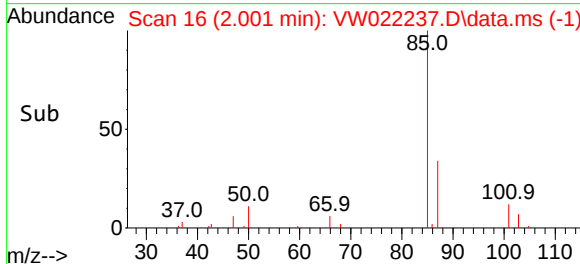
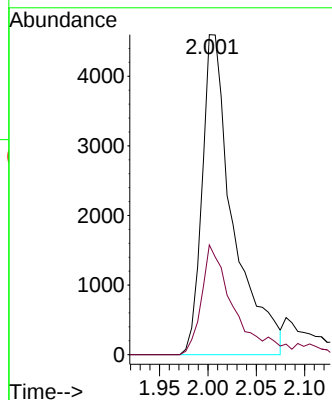
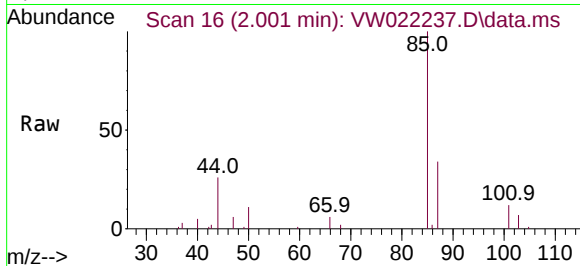




#2
 Dichlorodifluoromethane
 Concen: 29.635 ug/L
 RT: 2.001 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: VW022237.D
 Acq: 08 Mar 2022 18:51

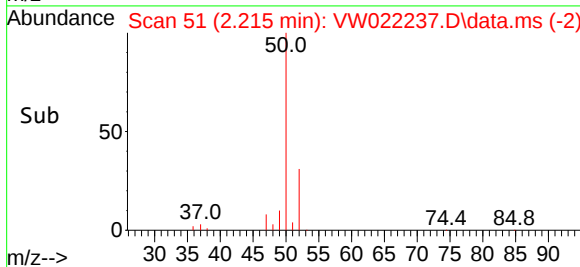
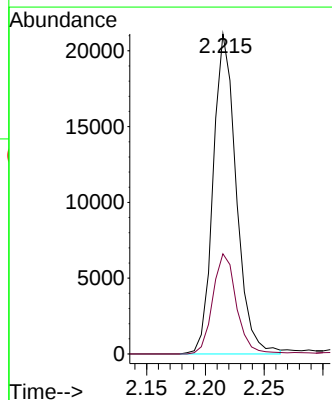
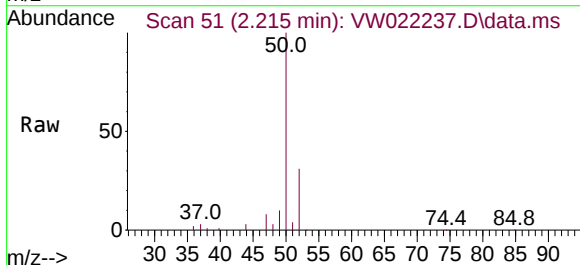
Instrument :
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 ClientSampleId :

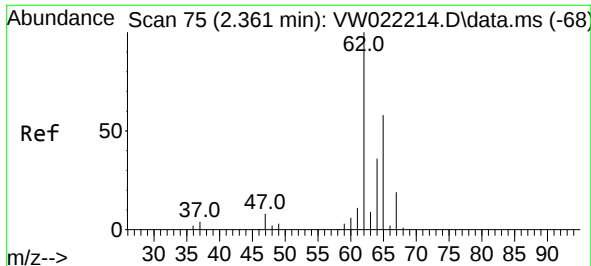
Tgt Ion: 85 Resp: 10204
 Ion Ratio Lower Upper
 85 100
 87 32.9 27.6 41.4



#3
 Chloromethane
 Concen: 24.489 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VW022237.D
 Acq: 08 Mar 2022 18:51

Tgt Ion: 50 Resp: 28894
 Ion Ratio Lower Upper
 50 100
 52 31.3 23.9 44.5

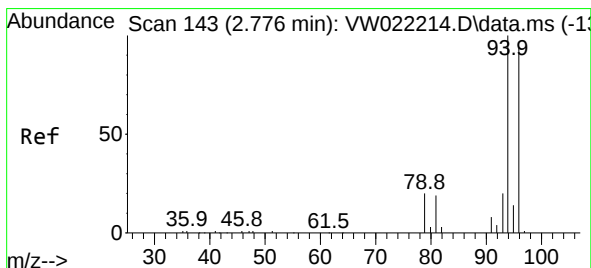
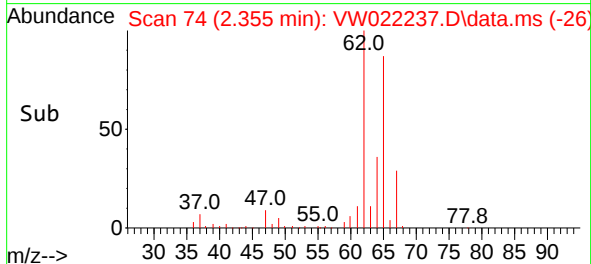
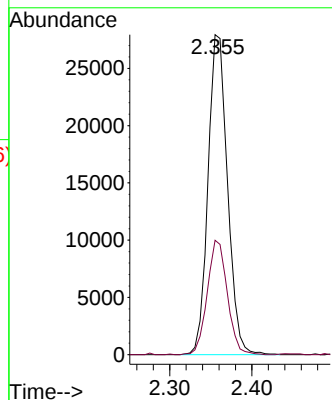
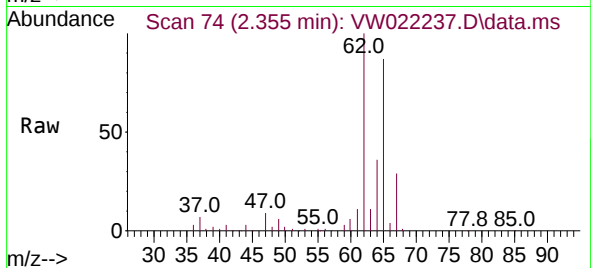




#5
 Vinyl chloride
 Concen: 25.940 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VW022237.D
 Acq: 08 Mar 2022 18:51

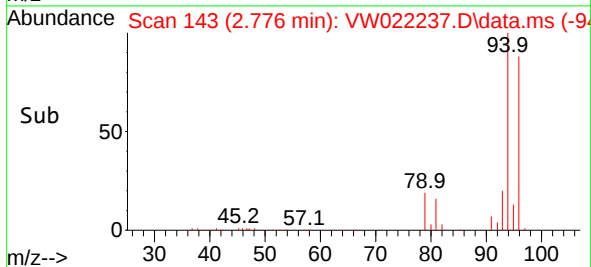
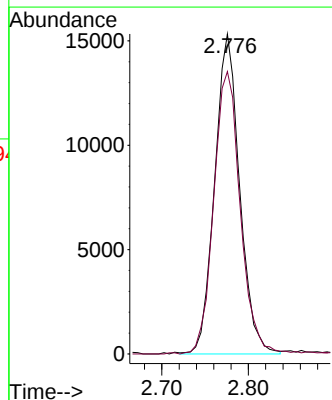
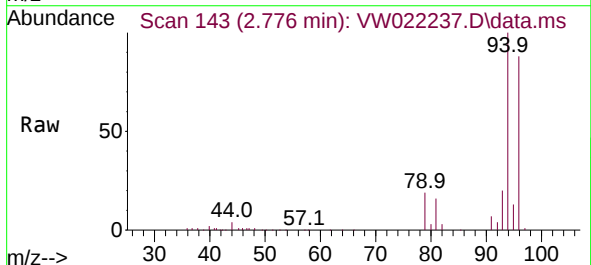
Instrument :
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 ClientSampleId :

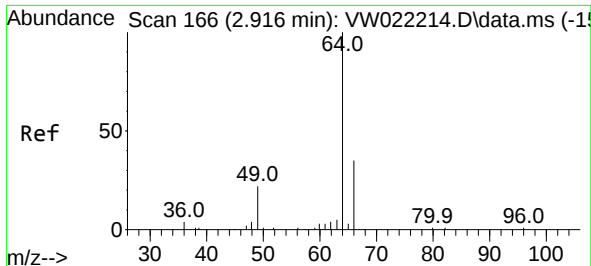
Tgt Ion: 62 Resp: 45988
 Ion Ratio Lower Upper
 62 100
 64 35.8 24.7 45.9



#6
 Bromomethane
 Concen: 24.779 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. 0.000 min
 Lab File: VW022237.D
 Acq: 08 Mar 2022 18:51

Tgt Ion: 94 Resp: 30680
 Ion Ratio Lower Upper
 94 100
 96 88.3 61.2 113.8

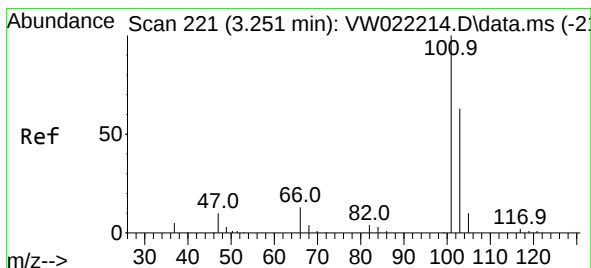
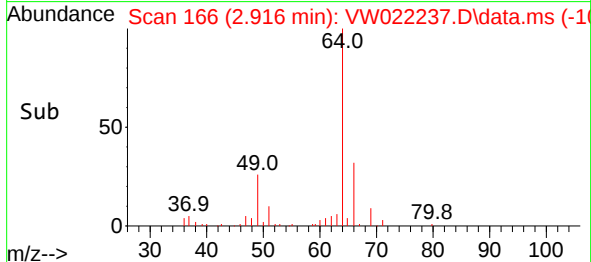
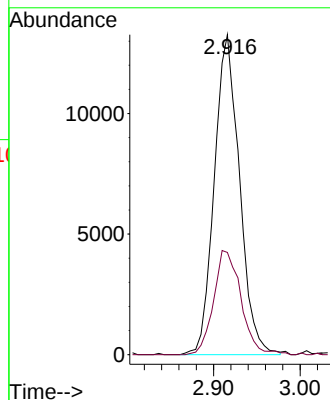
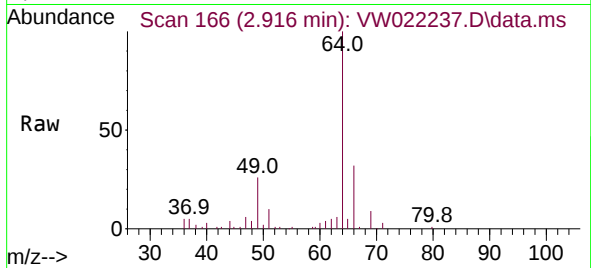




#8
Chloroethane
Concen: 26.899 ug/L
RT: 2.916 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW022237.D
Acq: 08 Mar 2022 18:51

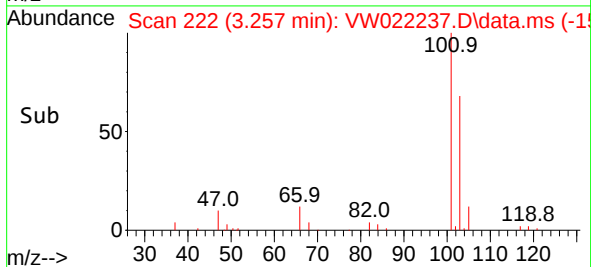
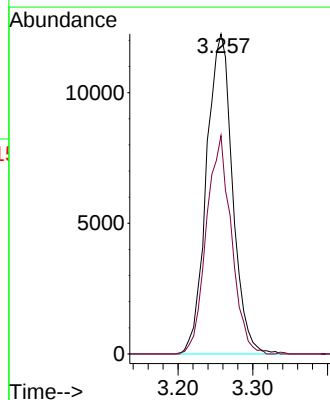
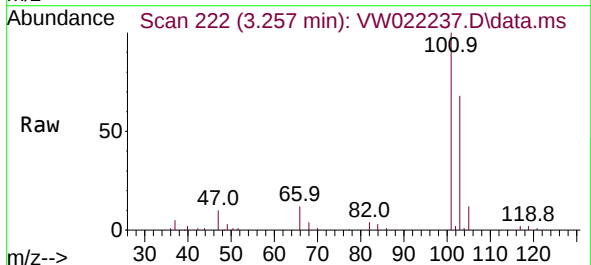
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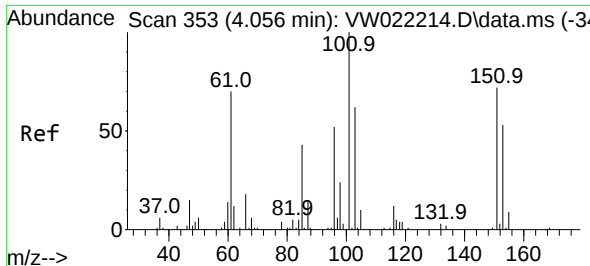
Tgt Ion: 64 Resp: 26789
Ion Ratio Lower Upper
64 100
66 32.0 23.2 43.0



#9
Trichlorofluoromethane
Concen: 24.567 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.006 min
Lab File: VW022237.D
Acq: 08 Mar 2022 18:51

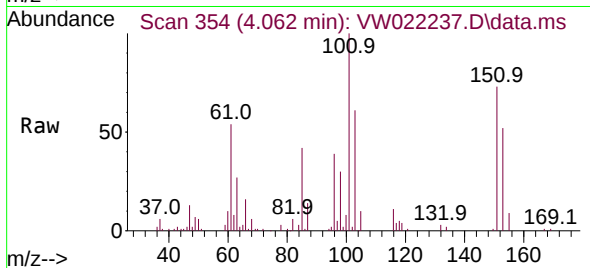
Tgt Ion:101 Resp: 29570
Ion Ratio Lower Upper
101 100
103 65.6 53.2 79.8



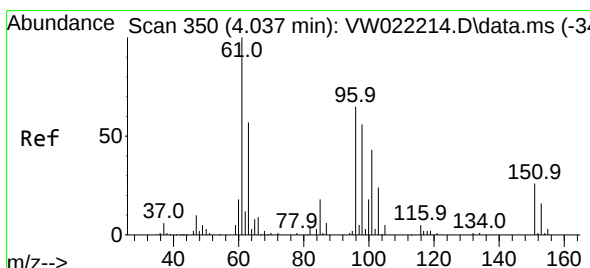
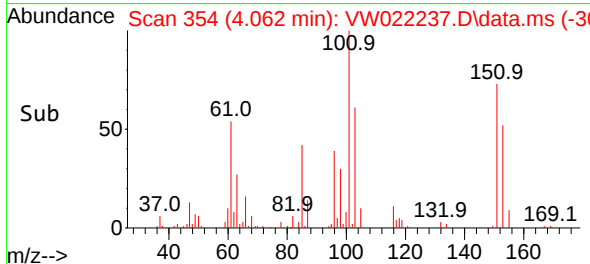
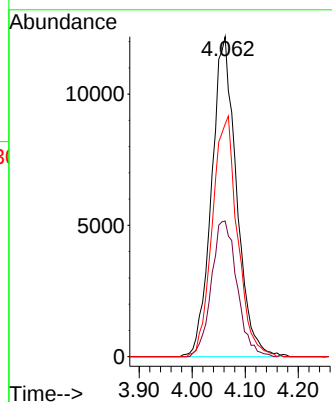


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 27.097 ug/L
 RT: 4.062 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: VW022237.D
 Acq: 08 Mar 2022 18:51

Instrument :
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 ClientSampleId :

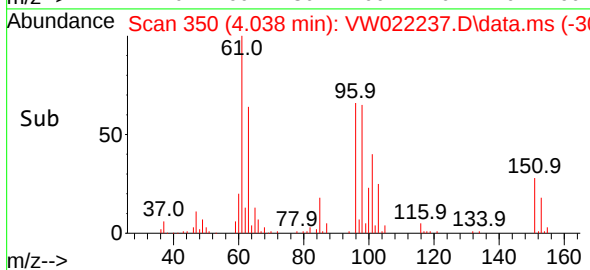
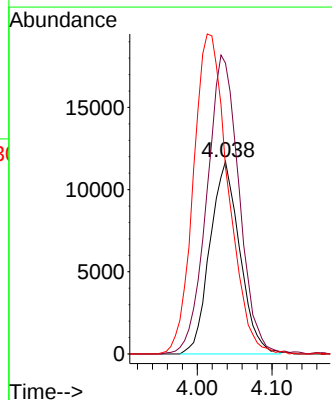
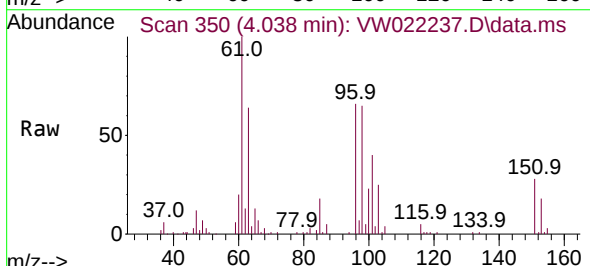


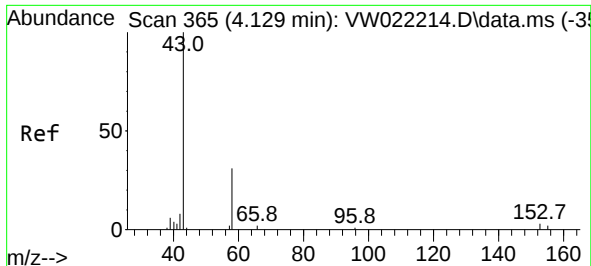
Tgt Ion:101 Resp: 39792
 Ion Ratio Lower Upper
 101 100
 85 43.4 34.4 51.6
 151 75.6 59.0 88.4



#12
 1,1-Dichloroethene
 Concen: 25.507 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. 0.000 min
 Lab File: VW022237.D
 Acq: 08 Mar 2022 18:51

Tgt Ion: 96 Resp: 32463
 Ion Ratio Lower Upper
 96 100
 61 151.1 108.4 201.2
 63 97.1 72.0 133.6





#13

Acetone

Concen: 69.146 ug/L

RT: 4.123 min Scan# 364

Delta R.T. -0.006 min

Lab File: VW022237.D

Acq: 08 Mar 2022 18:51

Instrument :

MSVOA_W

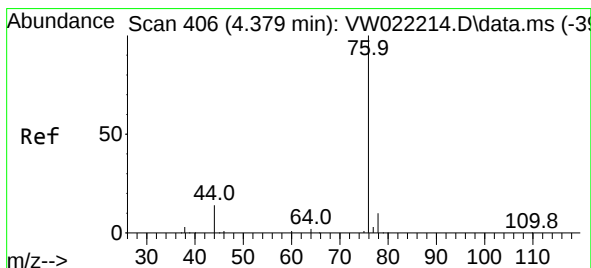
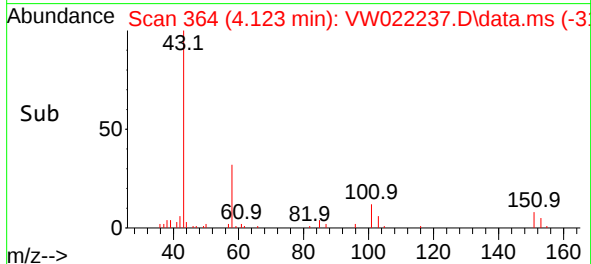
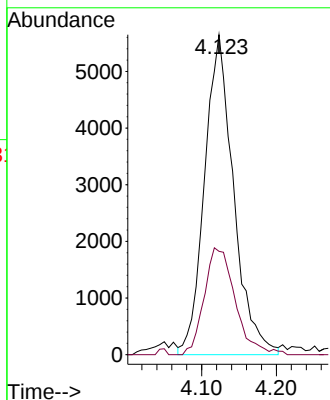
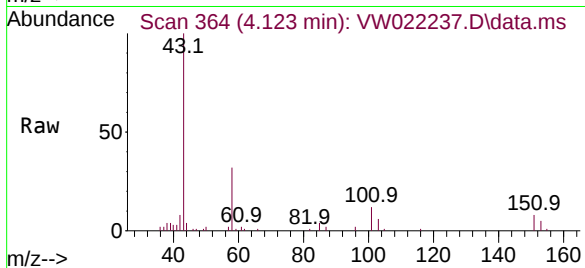
ClientSampleId :

Tgt Ion: 43 Resp: 15259

Ion Ratio Lower Upper

43 100

58 35.2 0.0 69.2



#14

Carbon disulfide

Concen: 19.671 ug/L

RT: 4.379 min Scan# 406

Delta R.T. 0.000 min

Lab File: VW022237.D

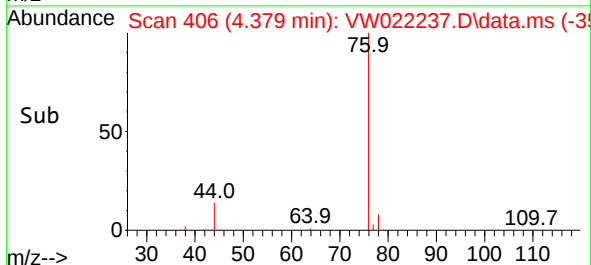
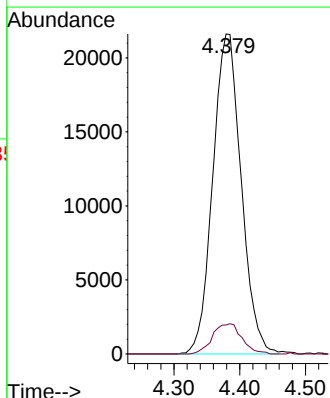
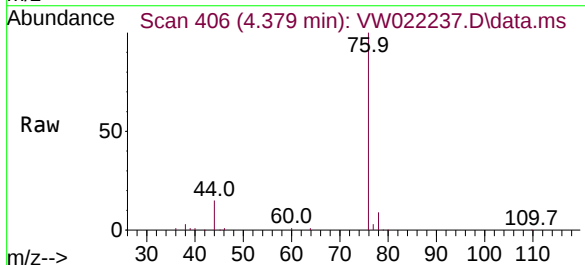
Acq: 08 Mar 2022 18:51

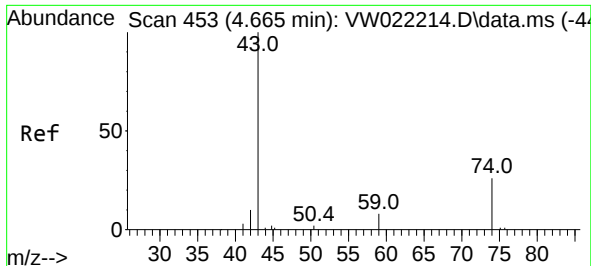
Tgt Ion: 76 Resp: 64906

Ion Ratio Lower Upper

76 100

78 9.1 7.8 11.8

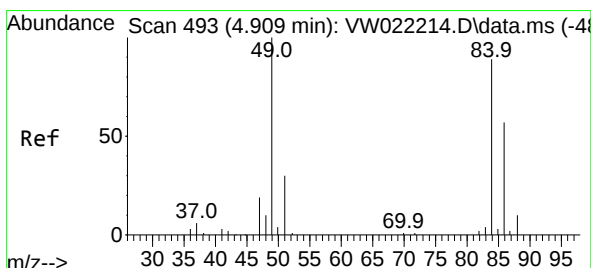
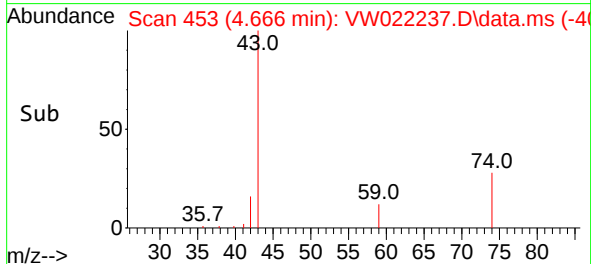
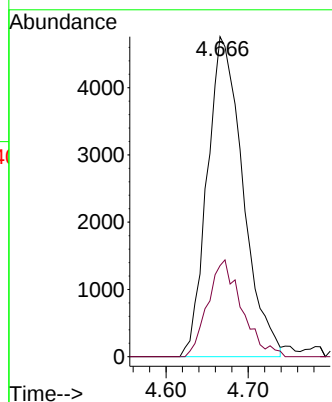
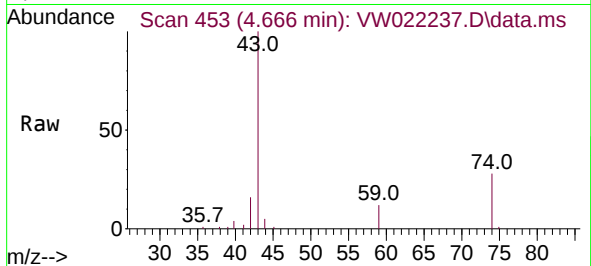




#15
Methyl Acetate
Concen: 28.927 ug/L
RT: 4.666 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW022237.D
Acq: 08 Mar 2022 18:51

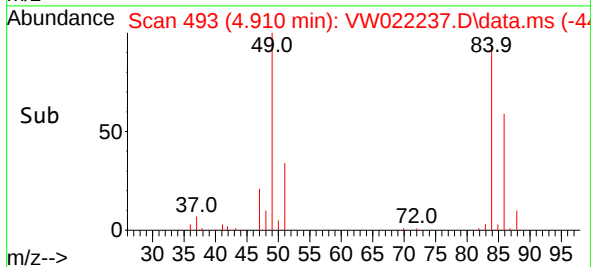
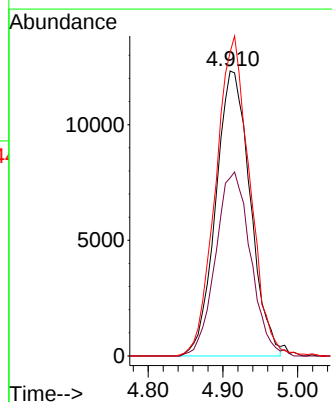
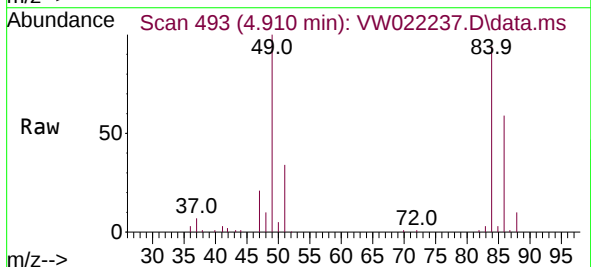
Instrument :
MSVOA_W
ClientSampleId :

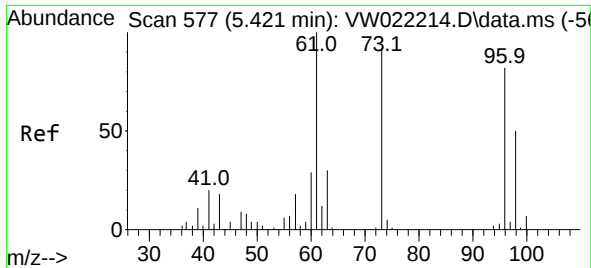
Tgt Ion: 43 Resp: 14371
Ion Ratio Lower Upper
43 100
74 27.9 23.0 34.6



#16
Methylene chloride
Concen: 26.114 ug/L
RT: 4.910 min Scan# 493
Delta R.T. 0.000 min
Lab File: VW022237.D
Acq: 08 Mar 2022 18:51

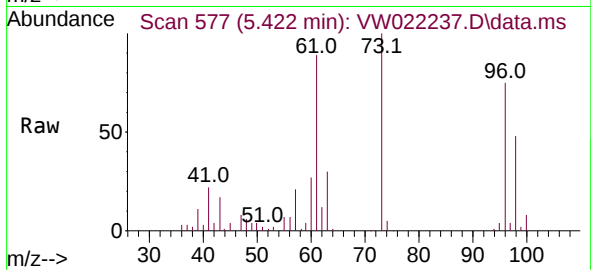
Tgt Ion: 84 Resp: 39492
Ion Ratio Lower Upper
84 100
86 62.5 45.8 85.0
49 106.6 73.8 137.0





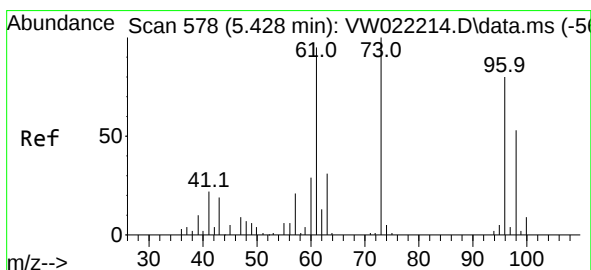
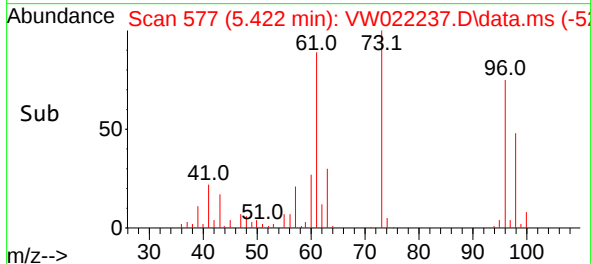
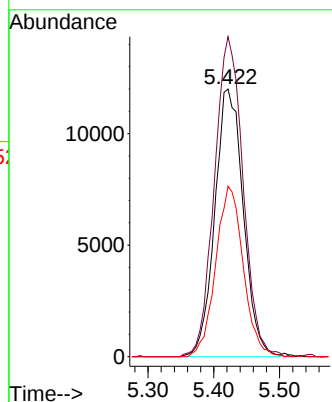
#17
trans-1,2-Dichloroethene
Concen: 25.843 ug/L
RT: 5.422 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW022237.D
Acq: 08 Mar 2022 18:51

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 96 Resp: 36126

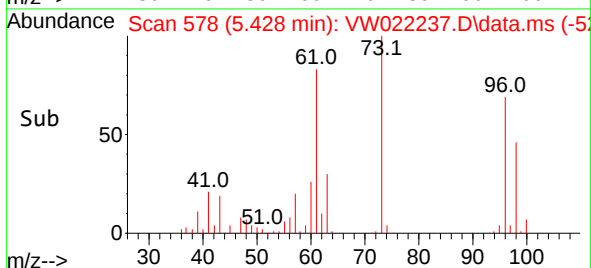
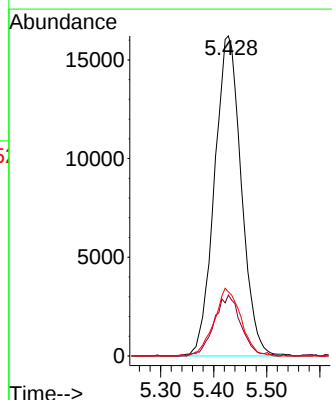
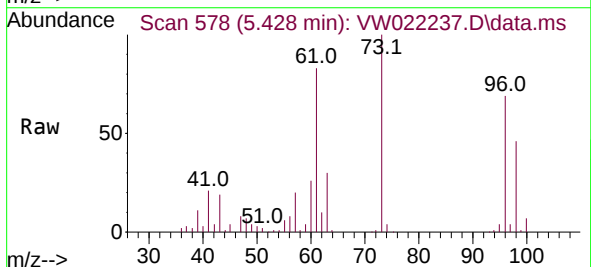
Ion	Ratio	Lower	Upper
96	100		
61	119.5	87.3	162.1
98	63.6	43.2	80.2

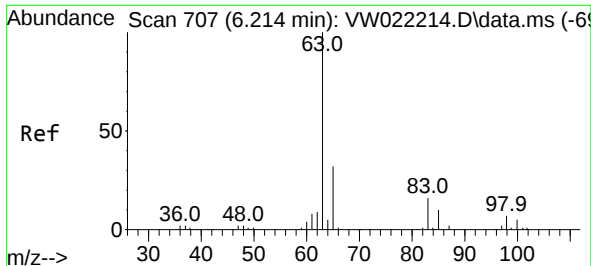


#18
Methyl tert-butyl Ether
Concen: 29.928 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW022237.D
Acq: 08 Mar 2022 18:51

Tgt Ion: 73 Resp: 56918

Ion	Ratio	Lower	Upper
73	100		
43	18.8	15.4	23.2
57	21.0	16.5	24.7





#19

1,1-Dichloroethane

Concen: 28.685 ug/L

RT: 6.214 min Scan# 707

Delta R.T. 0.000 min

Lab File: VW022237.D

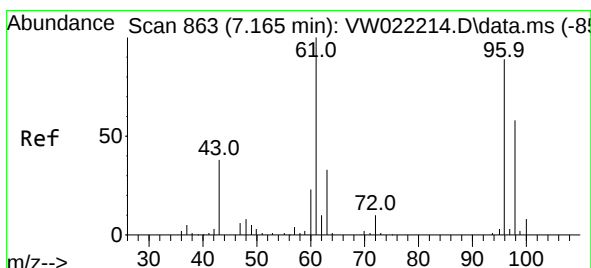
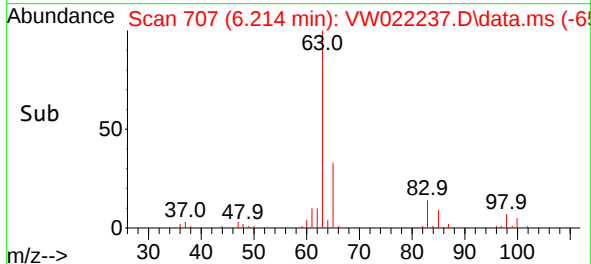
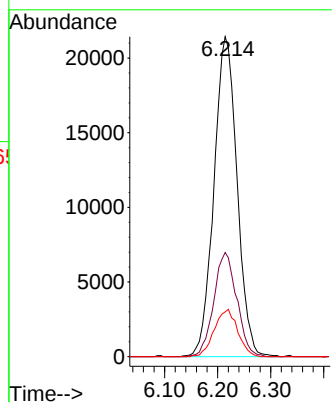
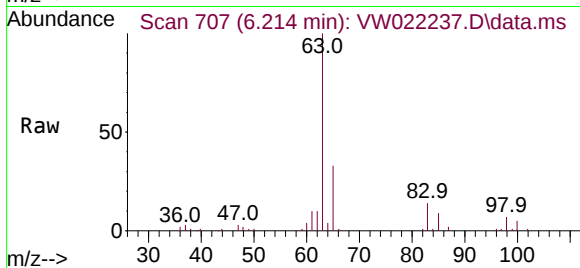
Acq: 08 Mar 2022 18:51

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 63	Resp: 64916
Ion Ratio	Lower Upper
63 100	
65 32.6	22.5 41.9
83 14.0	11.5 21.5



#20

cis-1,2-Dichloroethene

Concen: 27.698 ug/L

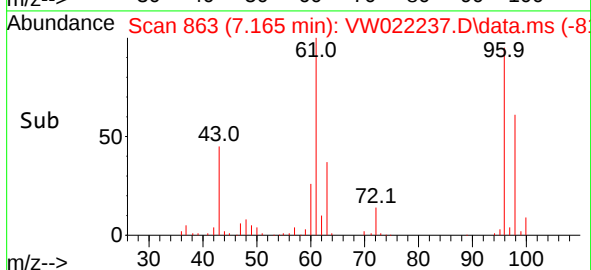
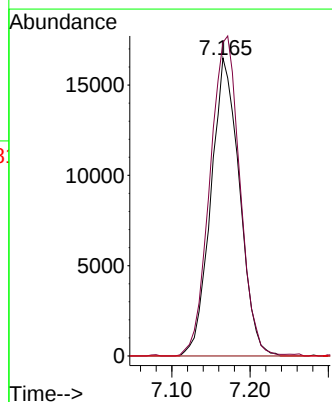
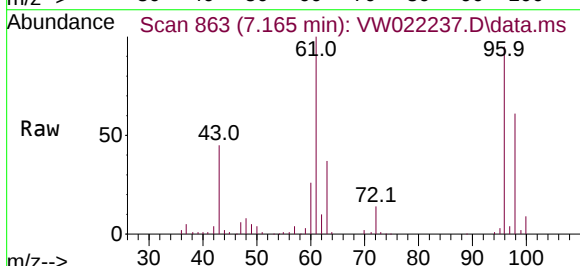
RT: 7.165 min Scan# 863

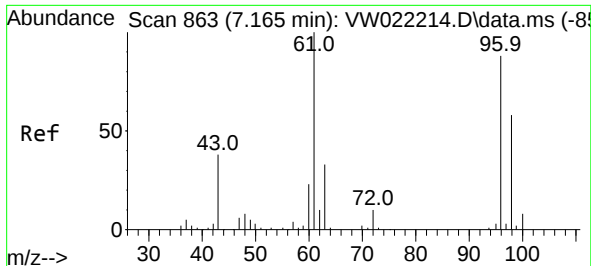
Delta R.T. 0.000 min

Lab File: VW022237.D

Acq: 08 Mar 2022 18:51

Tgt Ion: 96	Resp: 41943
Ion Ratio	Lower Upper
96 100	
61 105.2	76.8 142.6
68 0.0	0.0 0.0

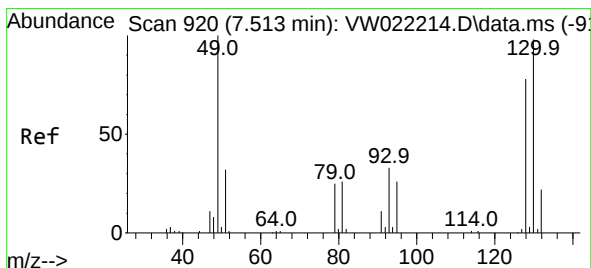
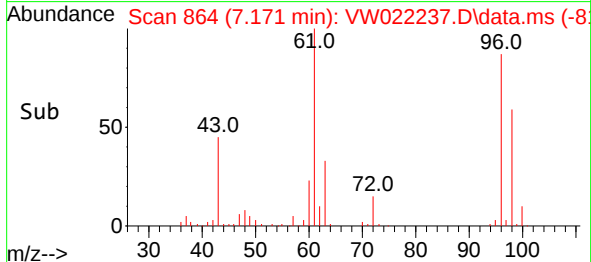
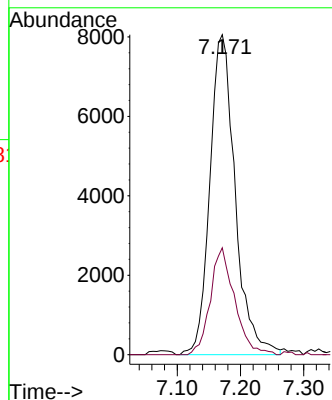
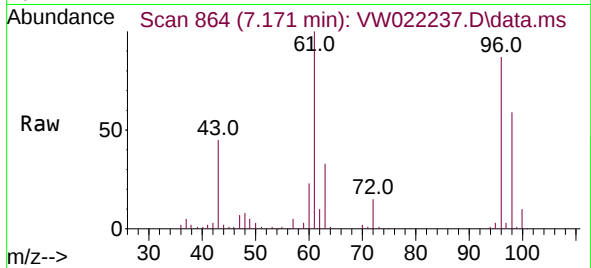




#22
2-Butanone
Concen: 70.517 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW022237.D
Acq: 08 Mar 2022 18:51

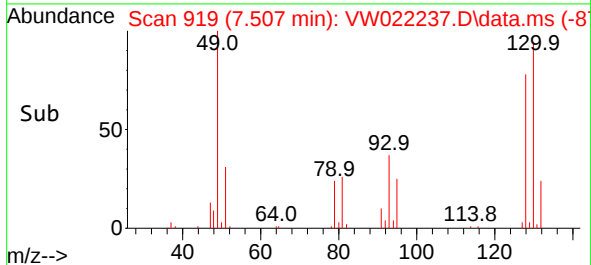
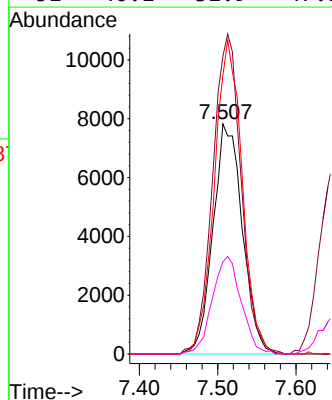
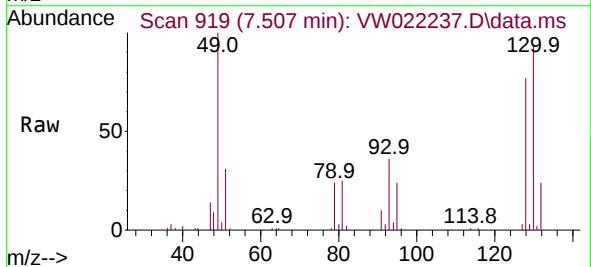
Instrument :
MSVOA_W
ClientSampleId :

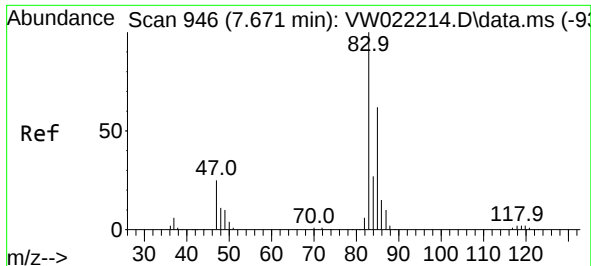
Tgt Ion: 43 Resp: 22354
Ion Ratio Lower Upper
43 100
72 32.1 17.0 51.0



#23
Bromochloromethane
Concen: 27.571 ug/L
RT: 7.507 min Scan# 919
Delta R.T. -0.006 min
Lab File: VW022237.D
Acq: 08 Mar 2022 18:51

Tgt Ion: 128 Resp: 20395
Ion Ratio Lower Upper
128 100
49 129.5 84.2 156.4
130 121.2 84.8 157.4
51 40.1 31.9 47.9

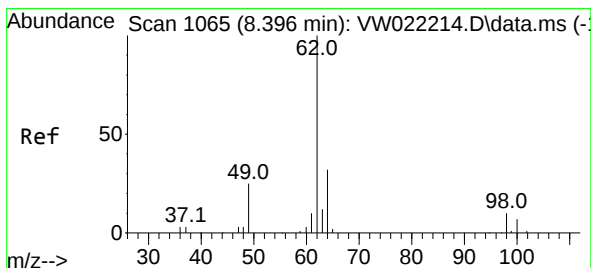
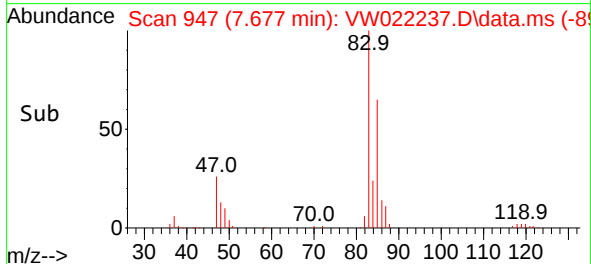
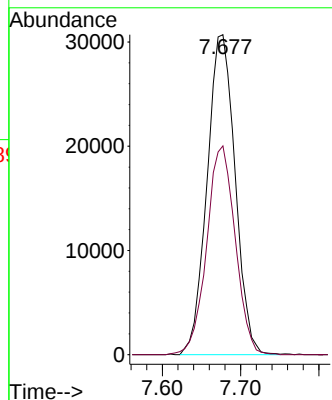
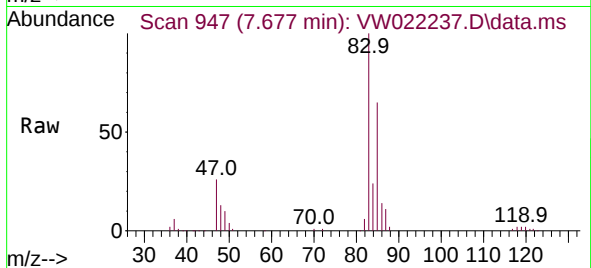




#25
Chloroform
Concen: 28.961 ug/L
RT: 7.677 min Scan# 946
Delta R.T. 0.006 min
Lab File: VW022237.D
Acq: 08 Mar 2022 18:51

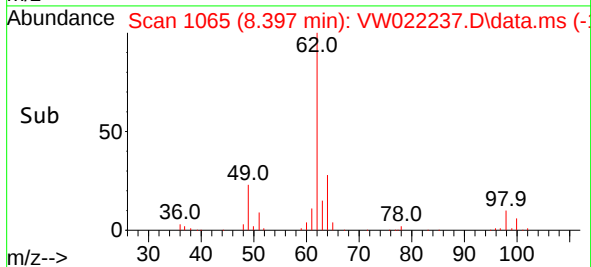
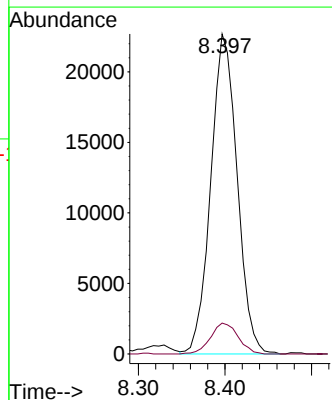
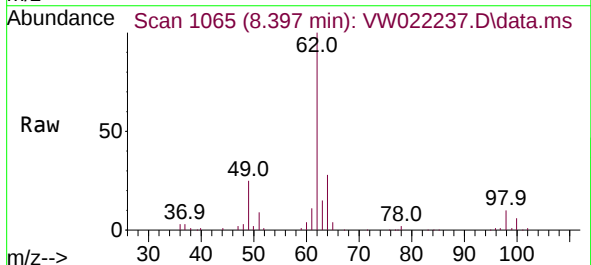
Instrument :
MSVOA_W
ClientSampleId :

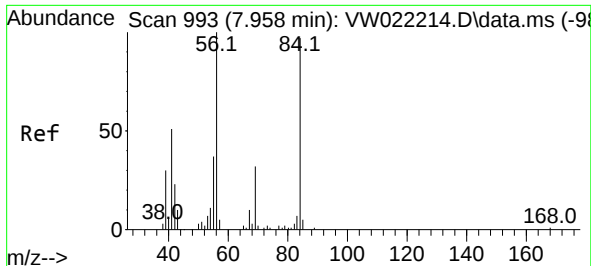
Tgt Ion: 83 Resp: 76474
Ion Ratio Lower Upper
83 100
85 65.3 45.1 83.9



#27
1,2-Dichloroethane
Concen: 29.505 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW022237.D
Acq: 08 Mar 2022 18:51

Tgt Ion: 62 Resp: 47988
Ion Ratio Lower Upper
62 100
98 9.7 7.9 11.9





#29

Cyclohexane

Concen: 24.058 ug/L

RT: 7.952 min Scan# 993

Delta R.T. -0.006 min

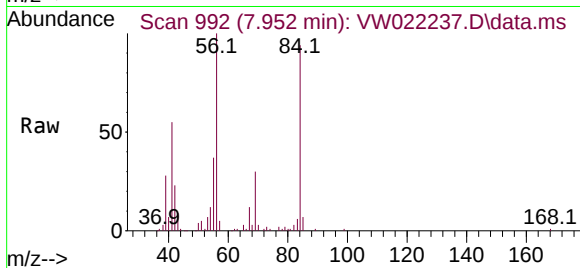
Lab File: VW022237.D

Acq: 08 Mar 2022 18:51

Instrument :

MSVOA_W

ClientSampleId :



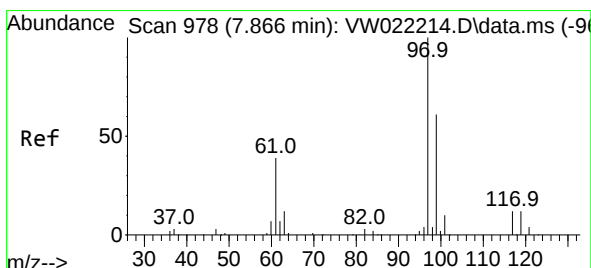
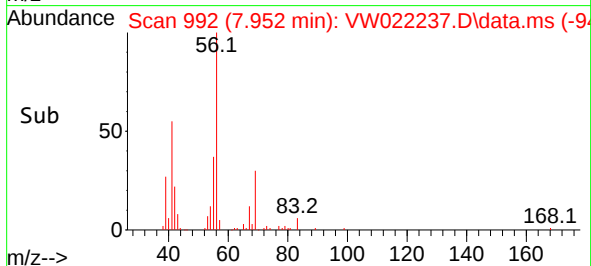
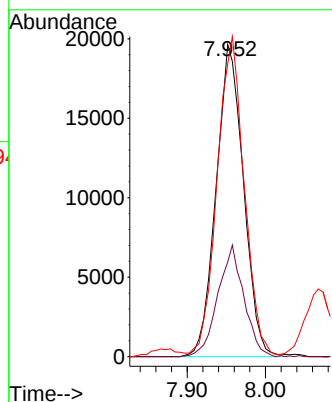
Tgt Ion: 56 Resp: 47641

Ion Ratio Lower Upper

56 100

69 34.0 26.3 39.5

84 101.8 81.4 122.2



#30

1,1,1-Trichloroethane

Concen: 26.980 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.006 min

Lab File: VW022237.D

Acq: 08 Mar 2022 18:51

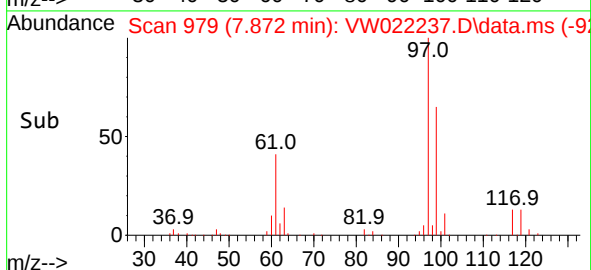
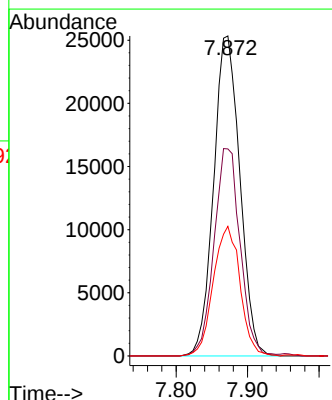
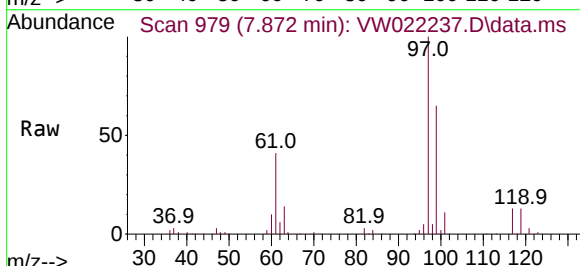
Tgt Ion: 97 Resp: 64590

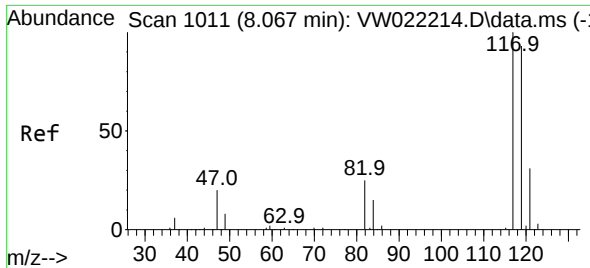
Ion Ratio Lower Upper

97 100

99 64.2 52.6 78.8

61 41.3 33.0 49.6

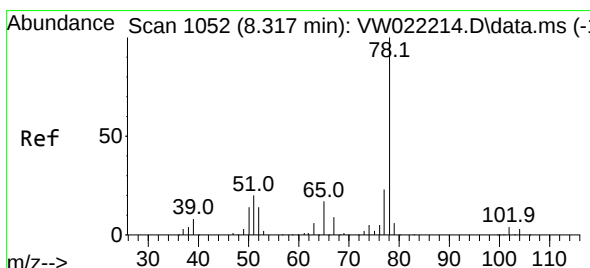
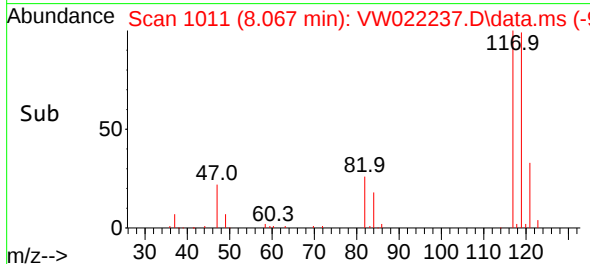
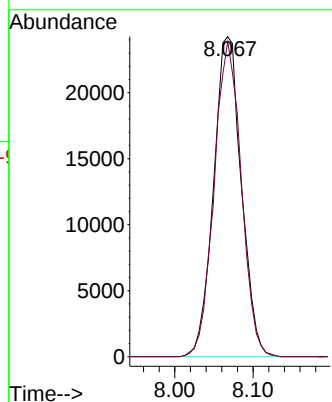
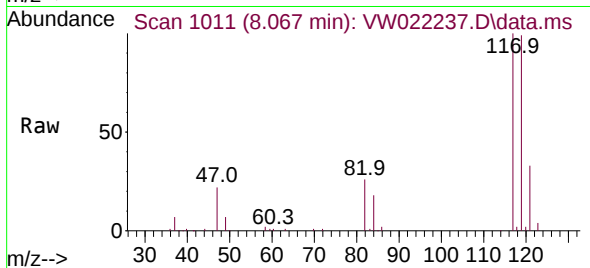




#31
Carbon tetrachloride
Concen: 26.266 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW022237.D
Acq: 08 Mar 2022 18:51

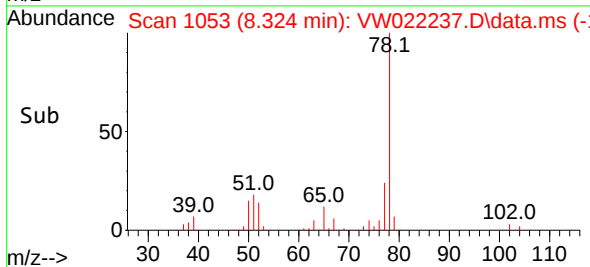
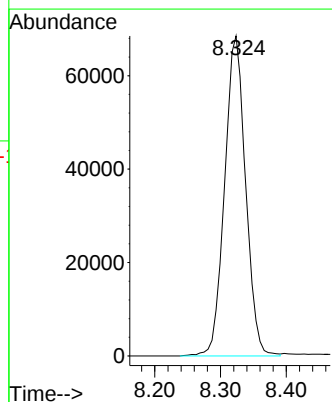
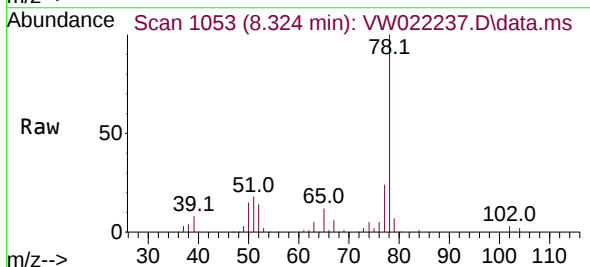
Instrument :
MSVOA_W
ClientSampleId :

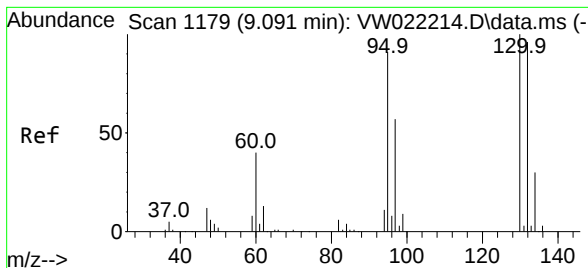
Tgt Ion:117 Resp: 59761
Ion Ratio Lower Upper
117 100
119 96.0 76.7 115.1



#33
Benzene
Concen: 26.435 ug/L
RT: 8.324 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VW022237.D
Acq: 08 Mar 2022 18:51

Tgt Ion: 78 Resp: 152081





#34

Trichloroethene

Concen: 25.705 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW022237.D

Acq: 08 Mar 2022 18:51

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 42342

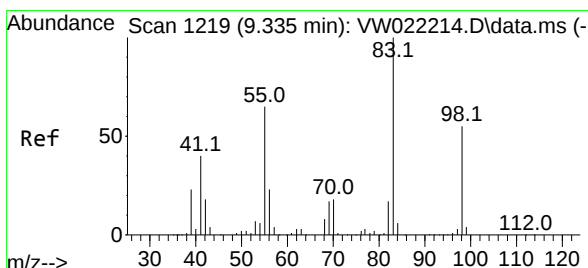
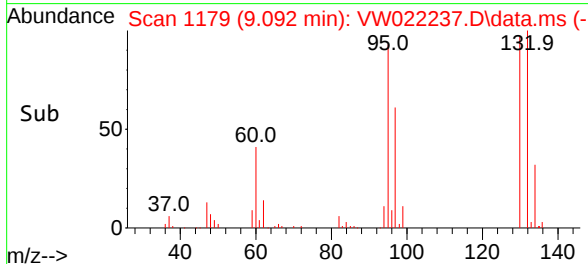
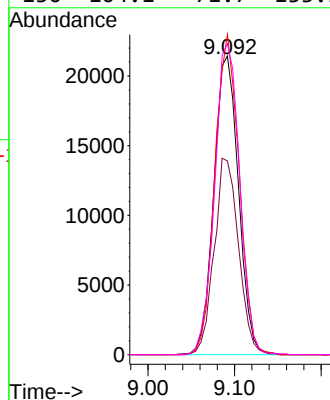
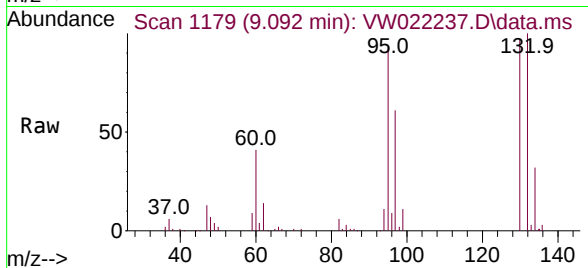
Ion Ratio Lower Upper

95 100

97 64.9 44.4 82.4

132 107.1 71.7 133.1

130 104.1 71.7 133.1



#35

Methylcyclohexane

Concen: 24.454 ug/L

RT: 9.336 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW022237.D

Acq: 08 Mar 2022 18:51

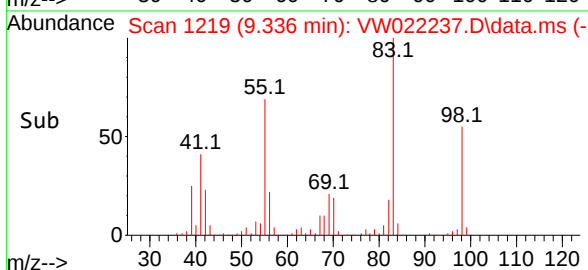
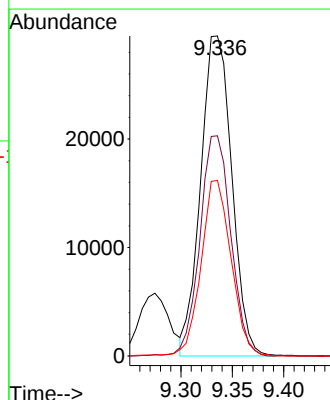
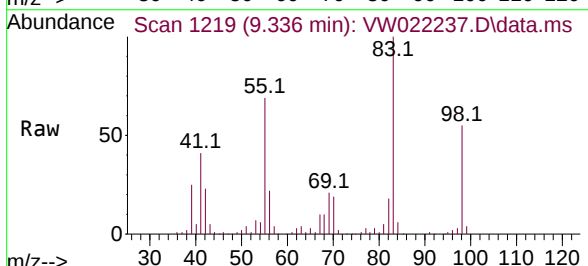
Tgt Ion: 83 Resp: 62305

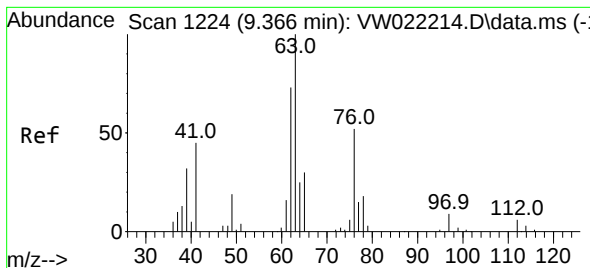
Ion Ratio Lower Upper

83 100

55 68.1 53.8 80.8

98 53.0 42.1 63.1

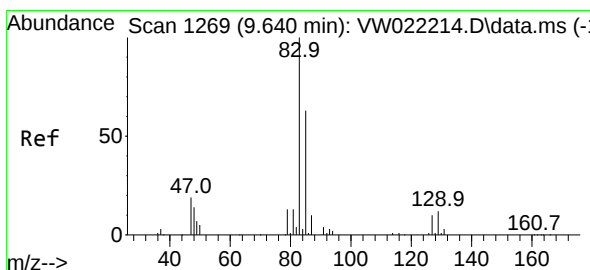
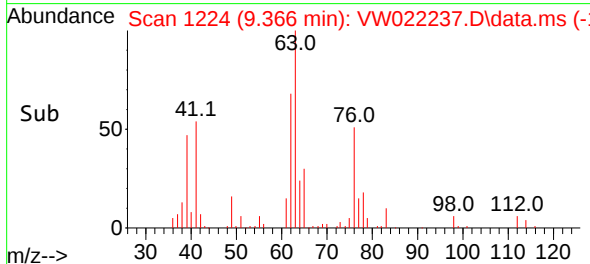
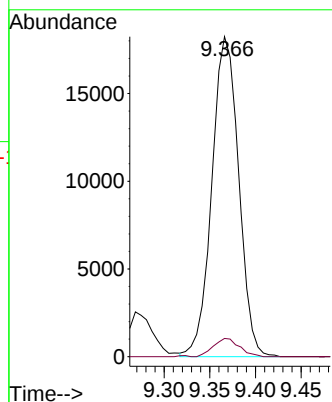
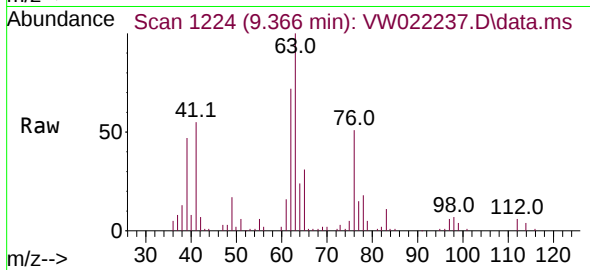




#37
1,2-Dichloropropane
Concen: 27.766 ug/L
RT: 9.366 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW022237.D
Acq: 08 Mar 2022 18:51

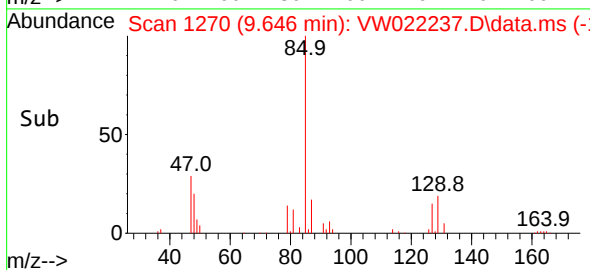
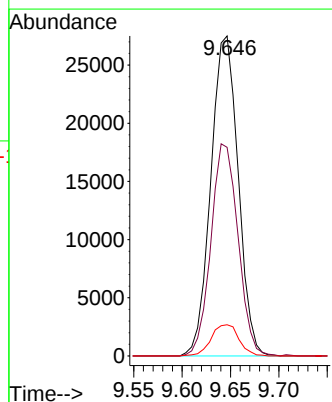
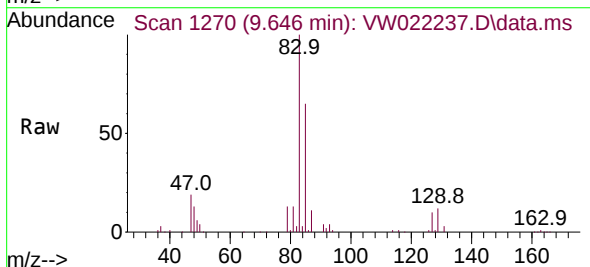
Instrument :
MSVOA_W
ClientSampleId :

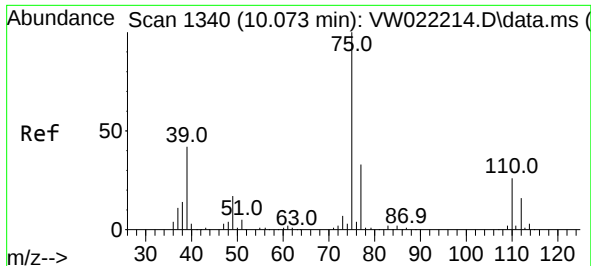
Tgt Ion: 63 Resp: 37265
Ion Ratio Lower Upper
63 100
112 5.5 4.1 6.1



#38
Bromodichloromethane
Concen: 28.079 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.006 min
Lab File: VW022237.D
Acq: 08 Mar 2022 18:51

Tgt Ion: 83 Resp: 54042
Ion Ratio Lower Upper
83 100
85 65.2 47.9 89.1
127 9.8 7.5 11.3





#39

cis-1,3-Dichloropropene

Concen: 29.283 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW022237.D

Acq: 08 Mar 2022 18:51

Instrument :

MSVOA_W

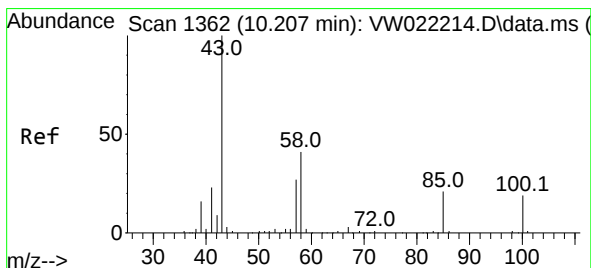
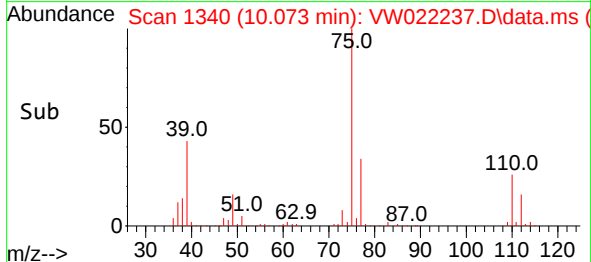
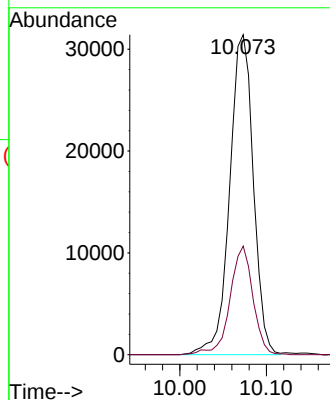
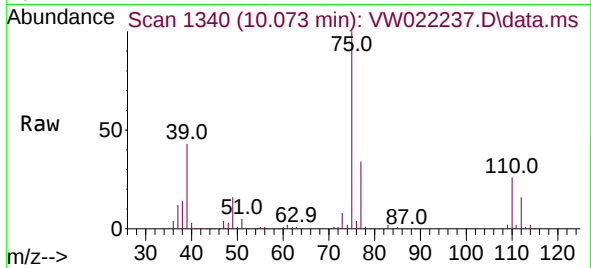
ClientSampleId :

Tgt Ion: 75 Resp: 59739

Ion Ratio Lower Upper

75 100

77 34.0 20.6 38.2



#40

4-Methyl-2-pentanone

Concen: 64.725 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW022237.D

Acq: 08 Mar 2022 18:51

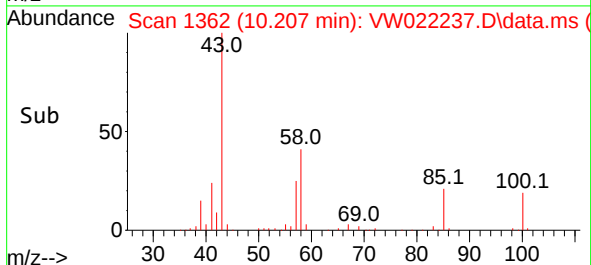
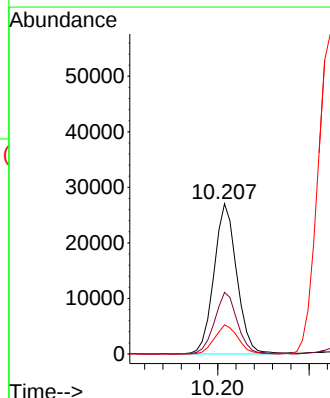
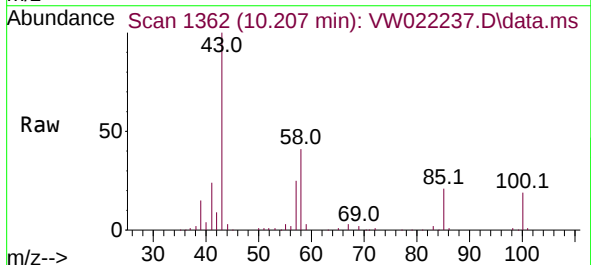
Tgt Ion: 43 Resp: 46912

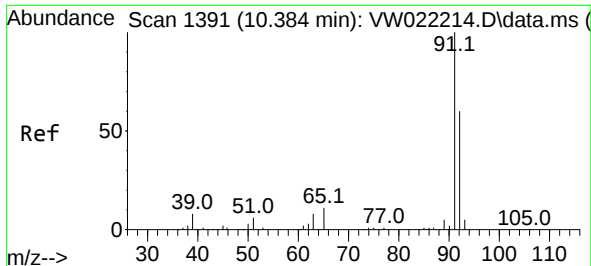
Ion Ratio Lower Upper

43 100

58 40.8 33.2 49.8

100 19.8 16.1 24.1

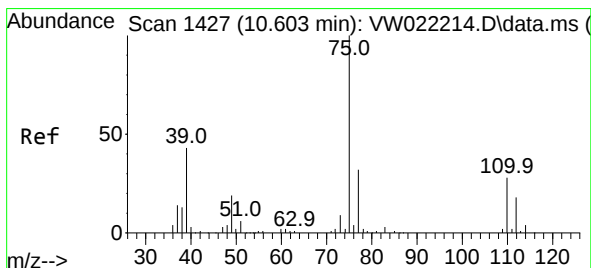
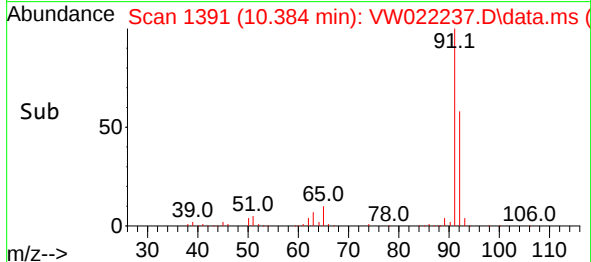
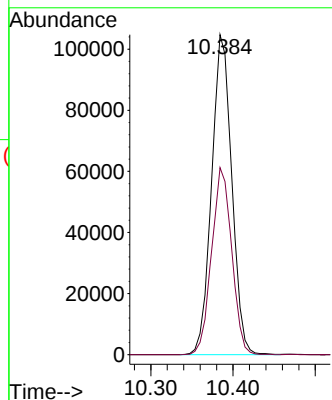
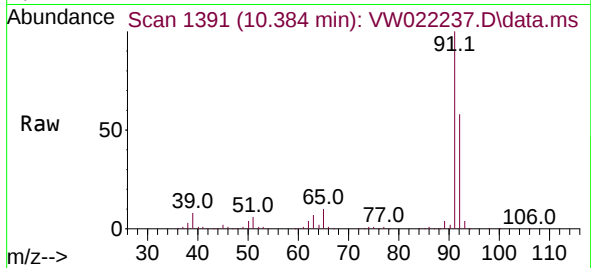




#42
Toluene
Concen: 27.352 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW022237.D
Acq: 08 Mar 2022 18:51

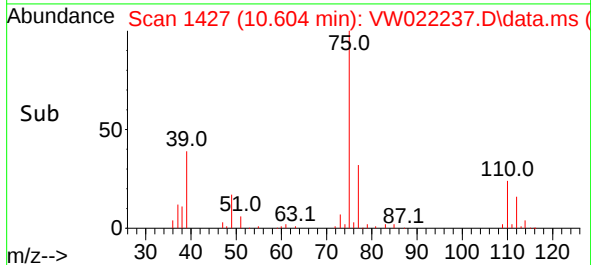
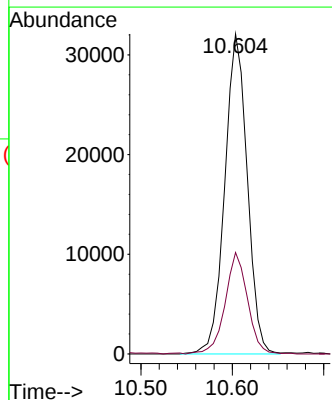
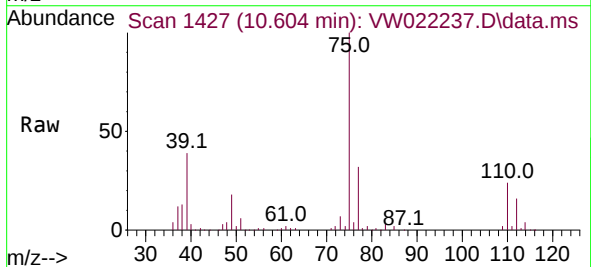
Instrument :
MSVOA_W
ClientSampleId :

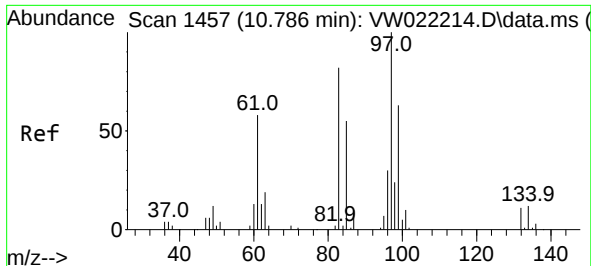
Tgt Ion: 91 Resp: 178091
Ion Ratio Lower Upper
91 100
92 58.4 40.4 75.0



#44
trans-1,3-Dichloropropene
Concen: 29.961 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW022237.D
Acq: 08 Mar 2022 18:51

Tgt Ion: 75 Resp: 54927
Ion Ratio Lower Upper
75 100
77 31.7 22.0 40.8

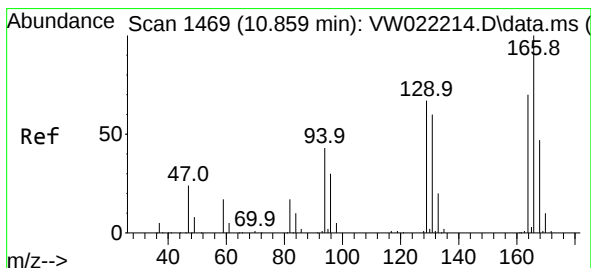
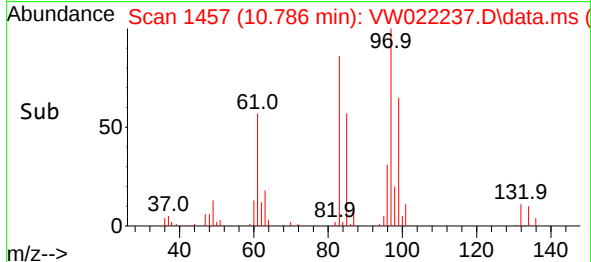
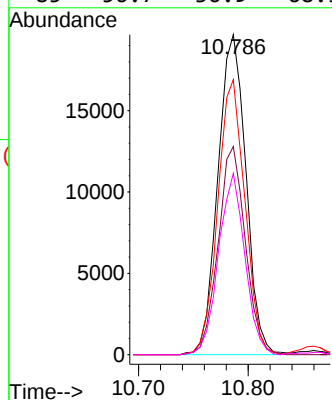
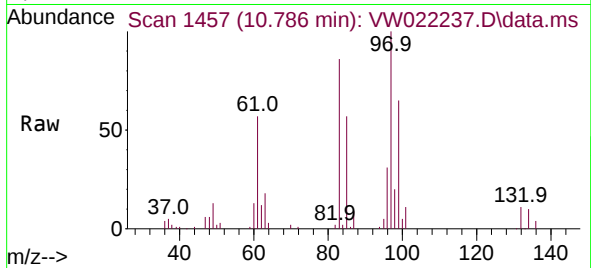




#45
1,1,2-Trichloroethane
Concen: 29.279 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW022237.D
Acq: 08 Mar 2022 18:51

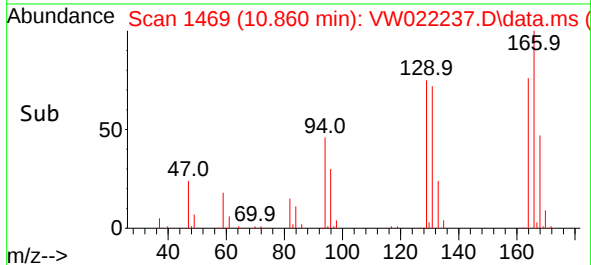
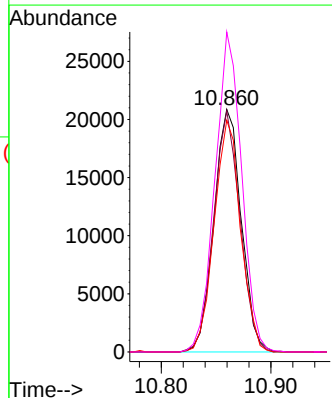
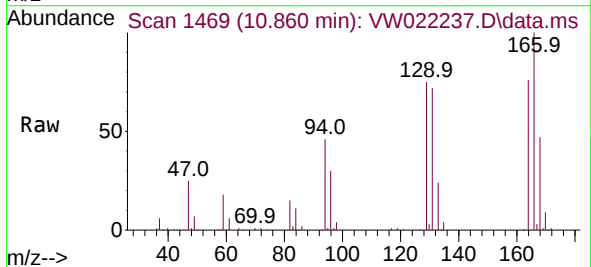
Instrument :
MSVOA_W
ClientSampleId :

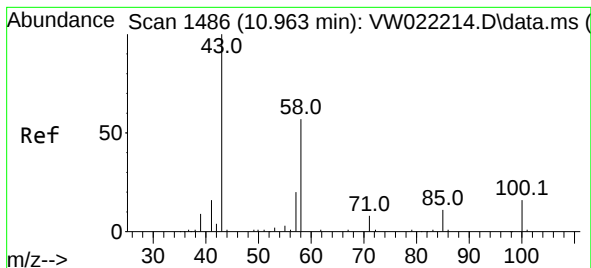
Tgt Ion: 97	Resp: 34846
Ion Ratio	Lower Upper
97 100	
99 65.0	43.5 80.7
83 86.0	53.5 99.3
85 56.7	36.9 68.5



#46
Tetrachloroethene
Concen: 25.009 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW022237.D
Acq: 08 Mar 2022 18:51

Tgt	Ion:164	Resp:	36087
Ion	Ratio	Lower	Upper
164	100		
129	99.3	60.3	111.9
131	95.6	59.9	111.3
166	131.9	77.0	143.0





#48

2-Hexanone

Concen: 66.742 ug/L

RT: 10.969 min Scan# 1486

Delta R.T. 0.006 min

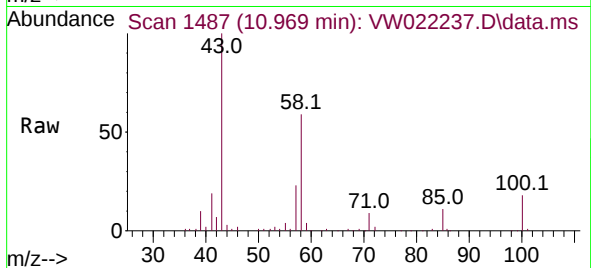
Lab File: VW022237.D

Acq: 08 Mar 2022 18:51

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 33574

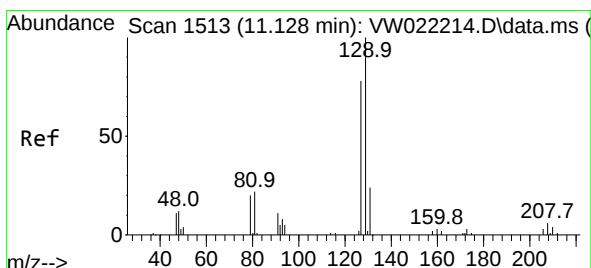
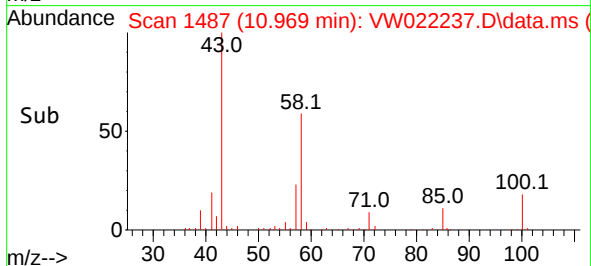
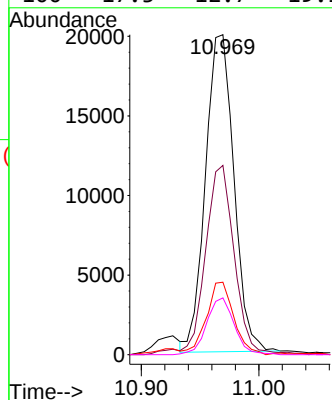
Ion Ratio Lower Upper

43 100

58 59.5 44.6 66.8

57 22.0 15.8 23.8

100 17.3 12.7 19.1



#49

Dibromochloromethane

Concen: 29.289 ug/L

RT: 11.128 min Scan# 1513

Delta R.T. 0.000 min

Lab File: VW022237.D

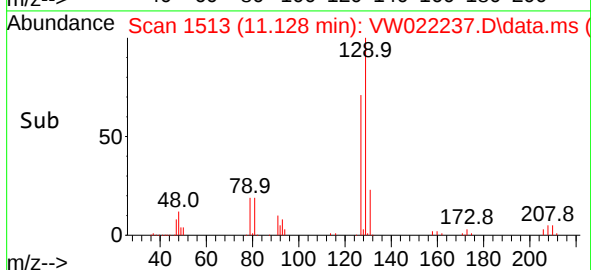
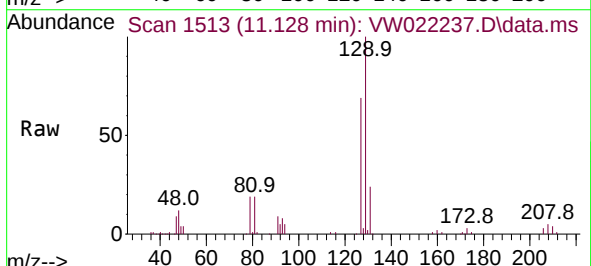
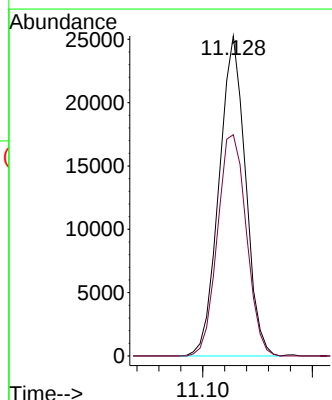
Acq: 08 Mar 2022 18:51

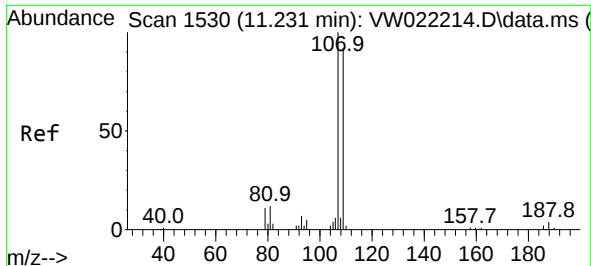
Tgt Ion:129 Resp: 42340

Ion Ratio Lower Upper

129 100

127 69.2 54.5 101.1





#50

1,2-Dibromoethane

Concen: 28.939 ug/L

RT: 11.232 min Scan# 1

Delta R.T. 0.000 min

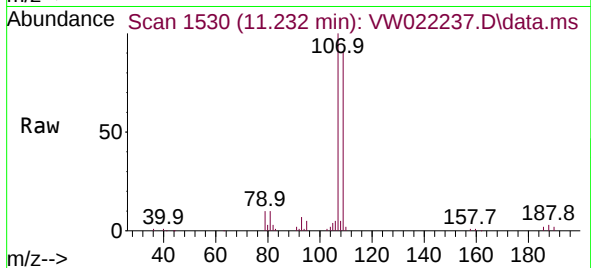
Lab File: VW022237.D

Acq: 08 Mar 2022 18:51

Instrument :

MSVOA_W

ClientSampleId :



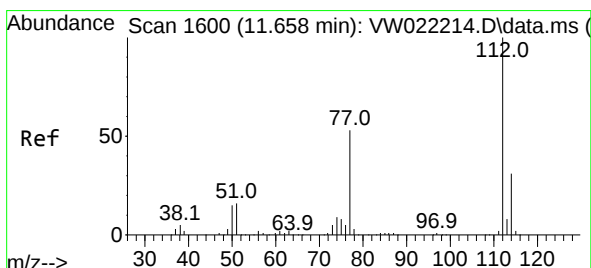
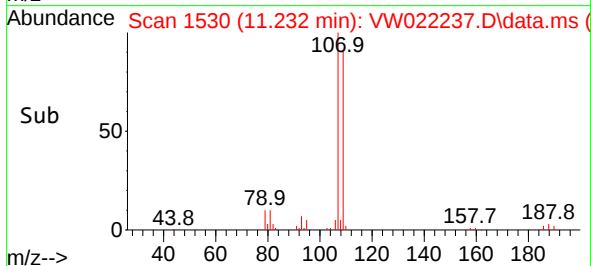
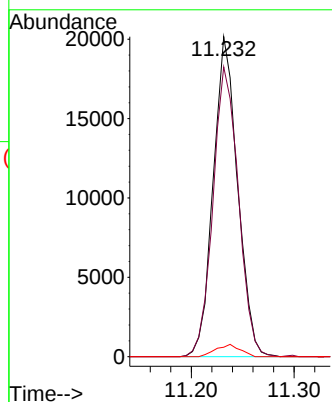
Tgt Ion:107 Resp: 33220

Ion Ratio Lower Upper

107 100

109 90.6 66.8 124.2

188 3.0 2.6 4.0



#51

Chlorobenzene

Concen: 27.895 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VW022237.D

Acq: 08 Mar 2022 18:51

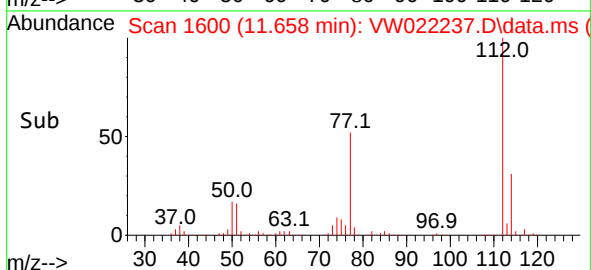
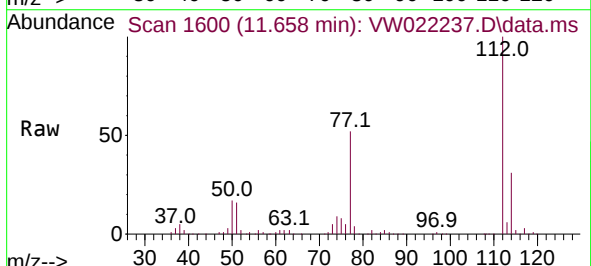
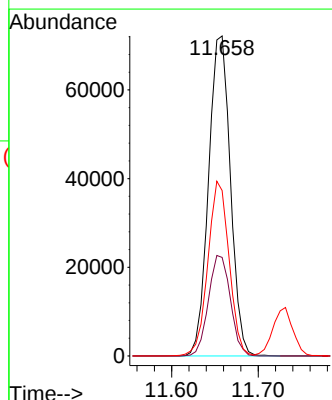
Tgt Ion:112 Resp: 126404

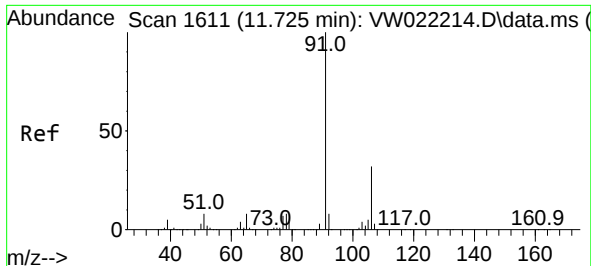
Ion Ratio Lower Upper

112 100

114 30.8 23.0 42.8

77 51.7 41.8 62.6





#52

Ethylbenzene

Concen: 27.836 ug/L

RT: 11.731 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW022237.D

Acq: 08 Mar 2022 18:51

Instrument :

MSVOA_W

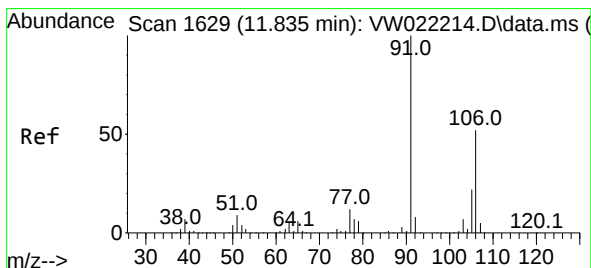
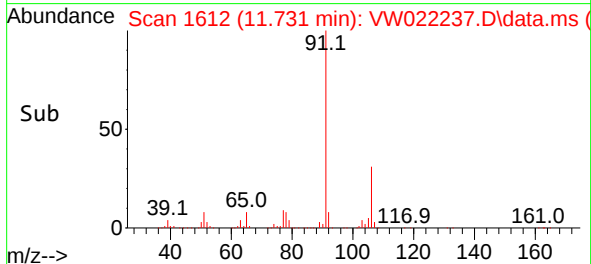
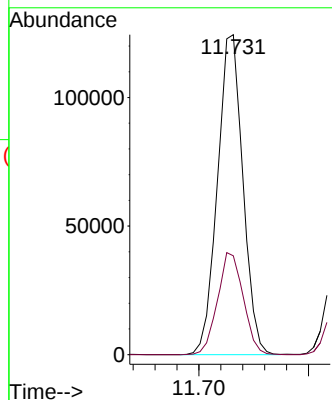
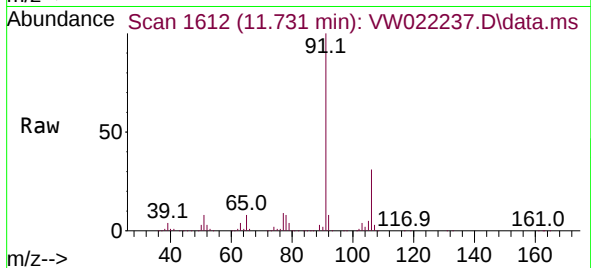
ClientSampleId :

Tgt Ion: 91 Resp: 200590

Ion Ratio Lower Upper

91 100

106 30.9 22.8 42.4



#53

m,p-Xylene

Concen: 27.767 ug/L

RT: 11.835 min Scan# 1629

Delta R.T. 0.000 min

Lab File: VW022237.D

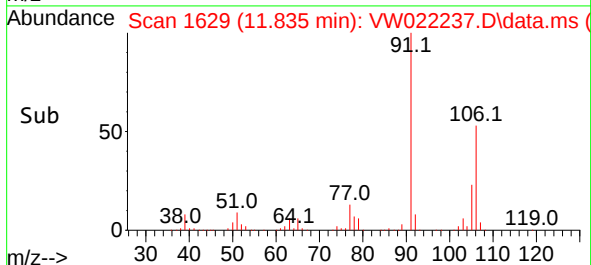
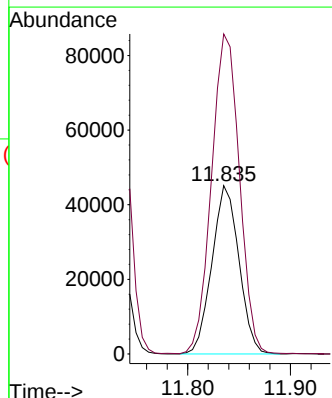
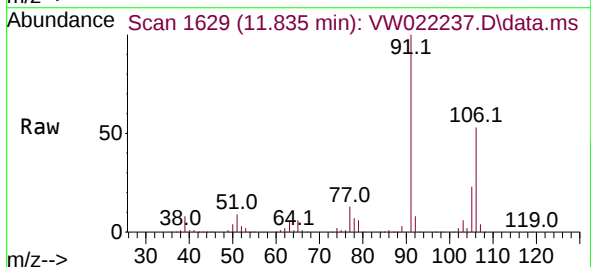
Acq: 08 Mar 2022 18:51

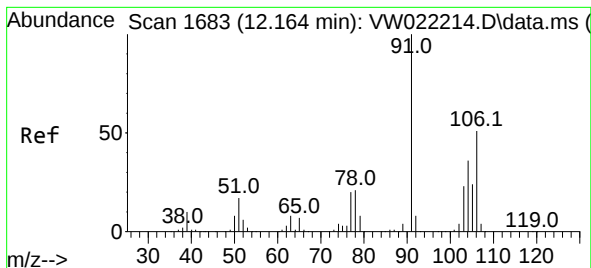
Tgt Ion:106 Resp: 82334

Ion Ratio Lower Upper

106 100

91 190.0 135.0 250.8





#54

o-Xylene

Concen: 28.567 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022237.D

Acq: 08 Mar 2022 18:51

Instrument :

MSVOA_W

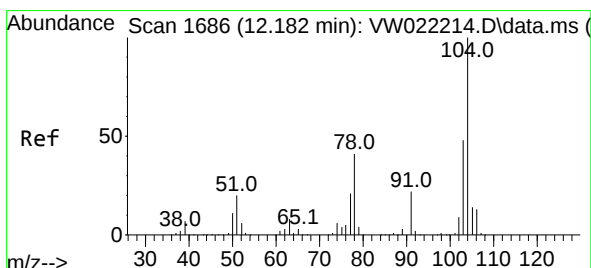
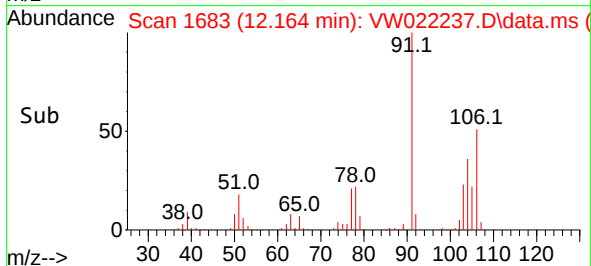
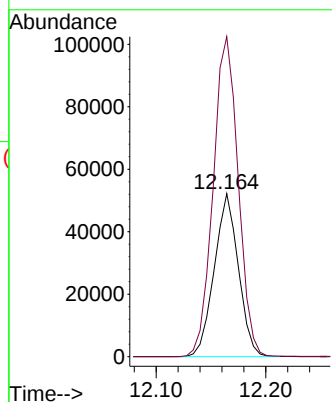
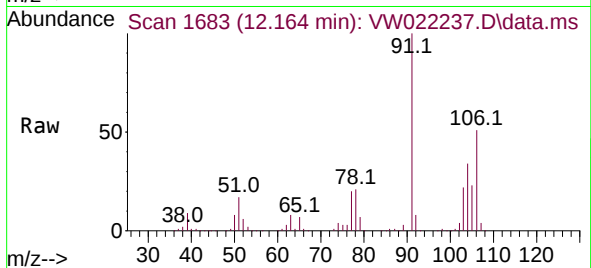
ClientSampleId :

Tgt Ion:106 Resp: 79700

Ion Ratio Lower Upper

106 100

91 196.2 136.9 254.3



#55

Styrene

Concen: 28.816 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. -0.006 min

Lab File: VW022237.D

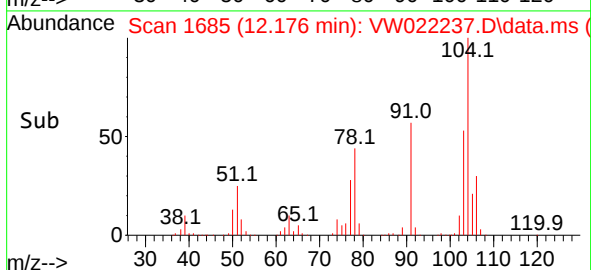
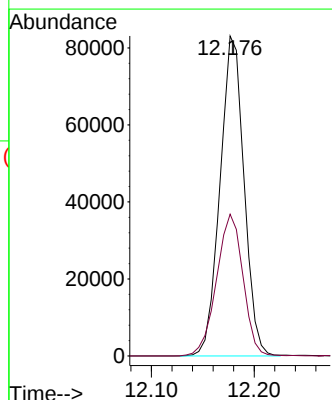
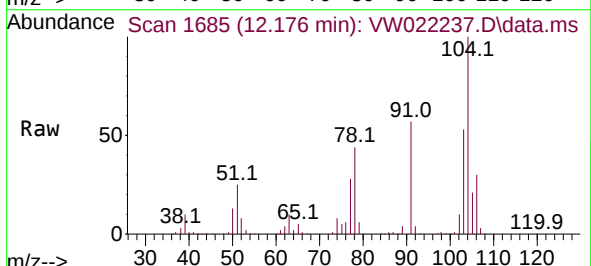
Acq: 08 Mar 2022 18:51

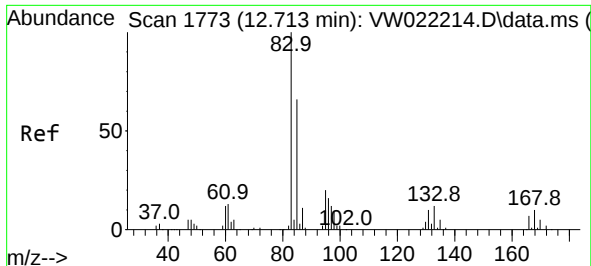
Tgt Ion:104 Resp: 134777

Ion Ratio Lower Upper

104 100

78 44.3 27.8 51.6





#57

1,1,2,2-Tetrachloroethane

Concen: 31.094 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022237.D

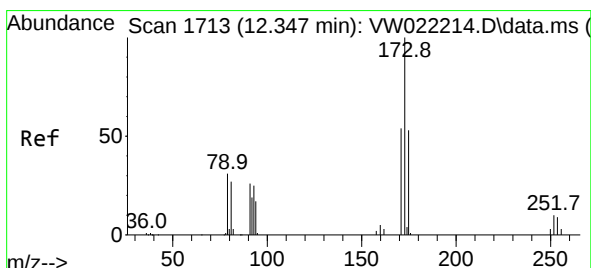
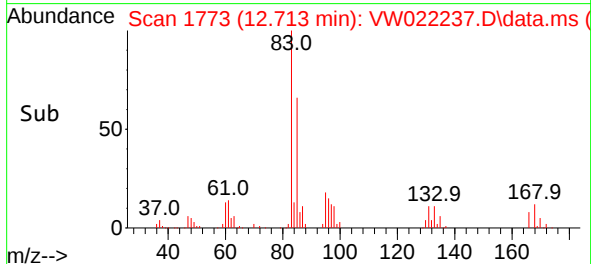
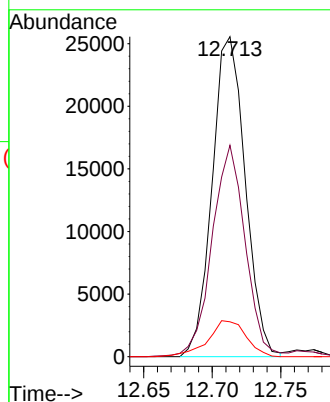
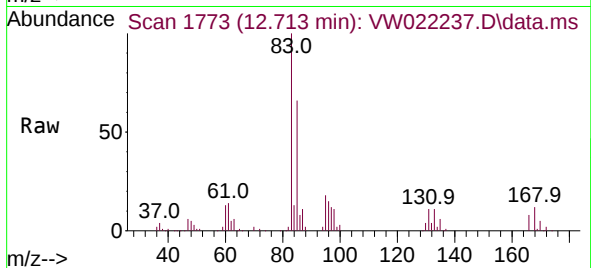
Acq: 08 Mar 2022 18:51

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	42936
Ion	Ratio	Lower	Upper
83	100		
85	66.1	44.2	82.0
131	10.9	9.4	14.0



#59

Bromoform

Concen: 27.614 ug/L

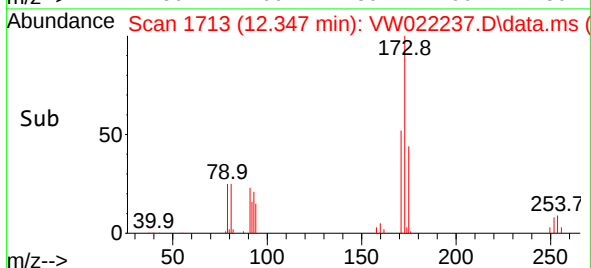
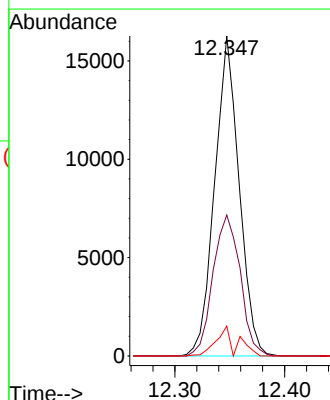
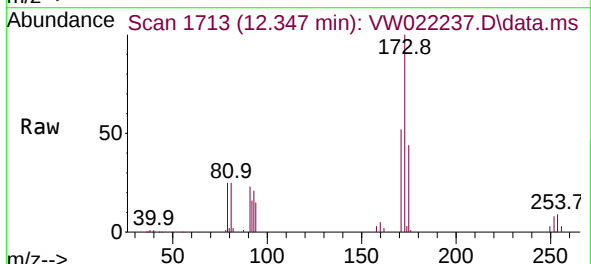
RT: 12.347 min Scan# 1713

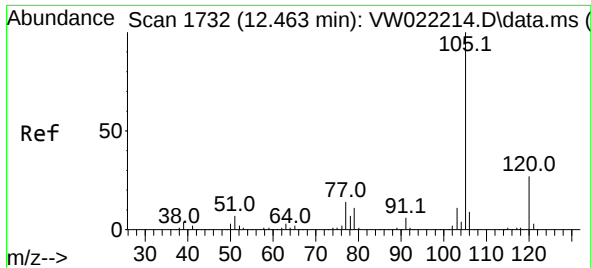
Delta R.T. 0.000 min

Lab File: VW022237.D

Acq: 08 Mar 2022 18:51

Tgt Ion:	173	Resp:	25197
Ion	Ratio	Lower	Upper
173	100		
175	49.0	38.2	57.4
254	5.1	5.0	7.6

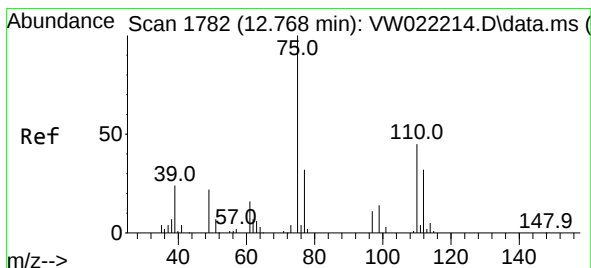
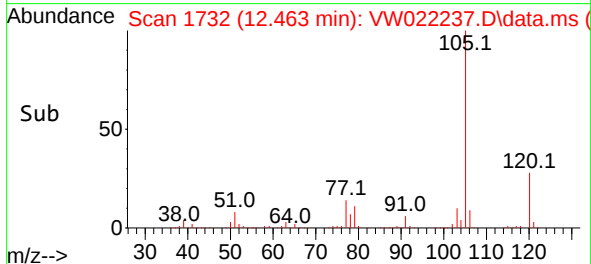
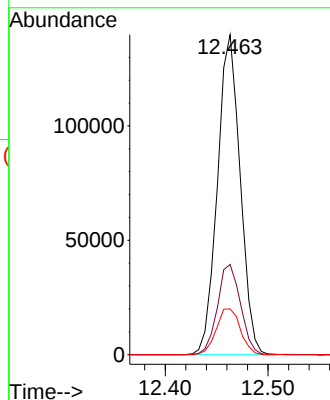
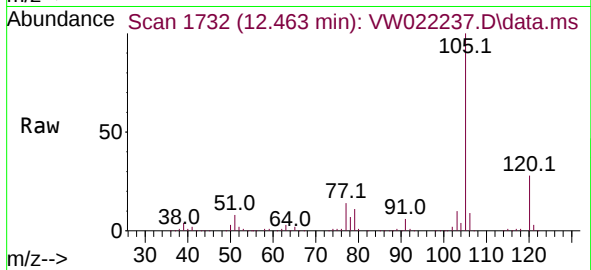




#60
Isopropylbenzene
Concen: 25.939 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW022237.D
Acq: 08 Mar 2022 18:51

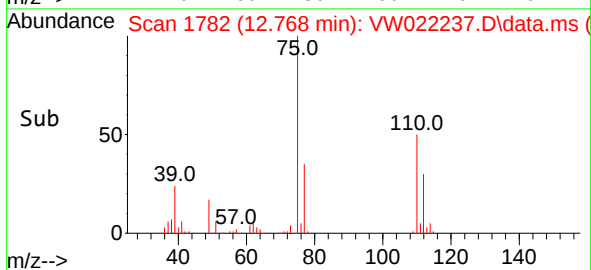
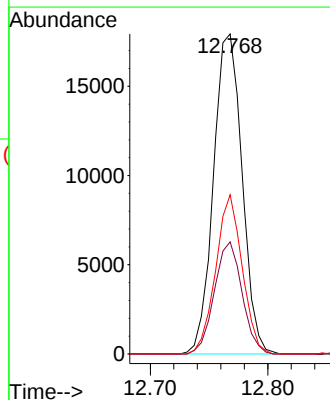
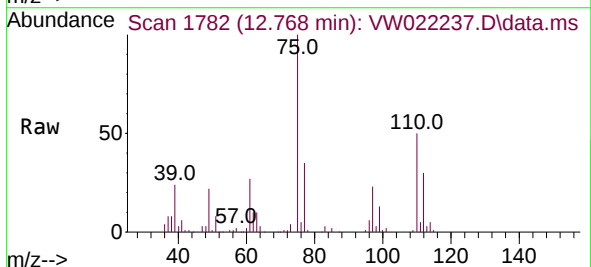
Instrument :
MSVOA_W
ClientSampleId :

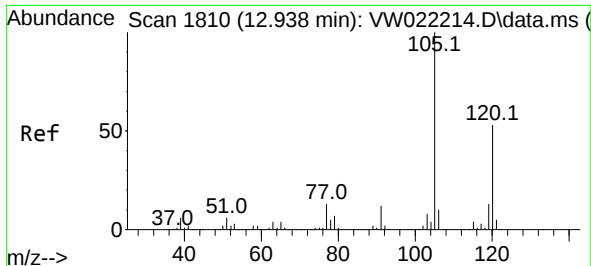
Tgt Ion:105 Resp: 214849
Ion Ratio Lower Upper
105 100
120 28.6 22.1 33.1
77 15.2 12.0 18.0



#61
1,2,3-Trichloropropane
Concen: 27.816 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW022237.D
Acq: 08 Mar 2022 18:51

Tgt Ion: 75 Resp: 30292
Ion Ratio Lower Upper
75 100
77 33.9 27.1 40.7
110 46.1 36.7 55.1





#62

1,3,5-Trimethylbenzene

Concen: 27.098 ug/L

RT: 12.939 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW022237.D

Acq: 08 Mar 2022 18:51

Instrument :

MSVOA_W

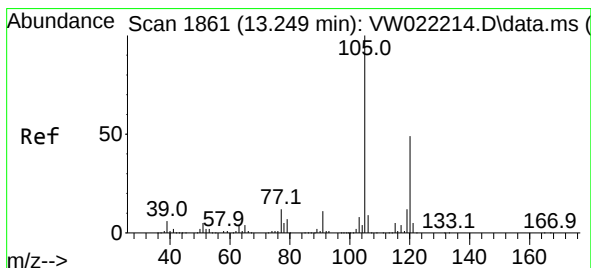
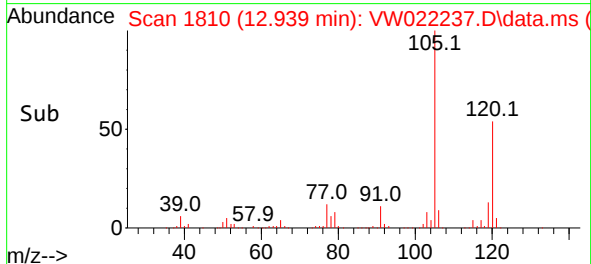
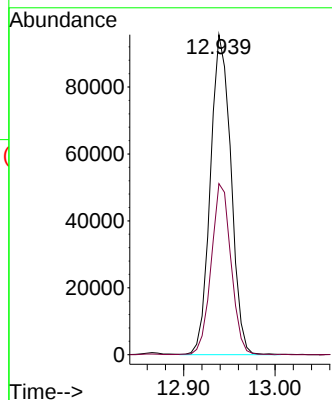
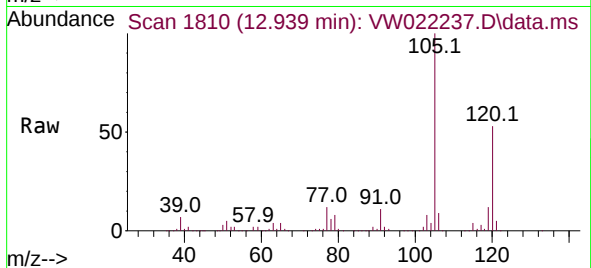
ClientSampleId :

Tgt Ion:105 Resp: 149252

Ion Ratio Lower Upper

105 100

120 51.4 41.5 62.3



#63

1,2,4-Trimethylbenzene

Concen: 27.457 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW022237.D

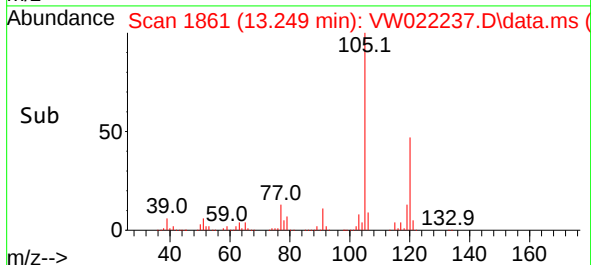
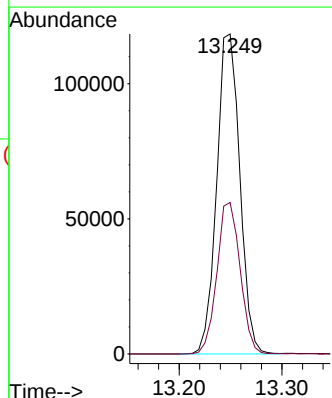
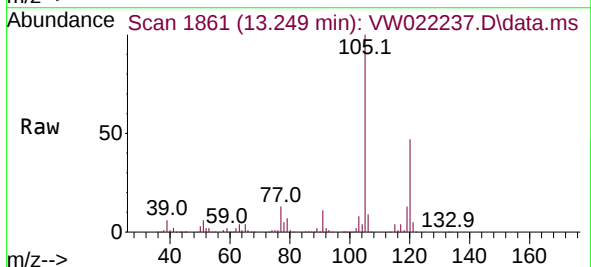
Acq: 08 Mar 2022 18:51

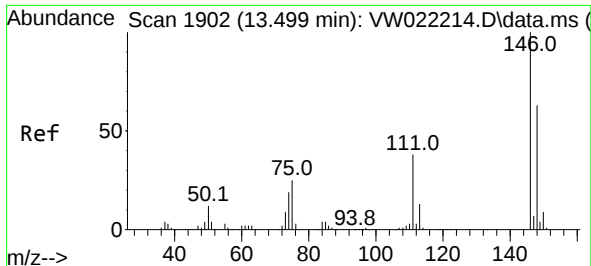
Tgt Ion:105 Resp: 184820

Ion Ratio Lower Upper

105 100

120 47.5 39.2 58.8





#64

1,3-Dichlorobenzene

Concen: 26.629 ug/L

RT: 13.493 min Scan# 1902

Delta R.T. -0.006 min

Lab File: VW022237.D

Acq: 08 Mar 2022 18:51

Instrument :

MSVOA_W

ClientSampleId :

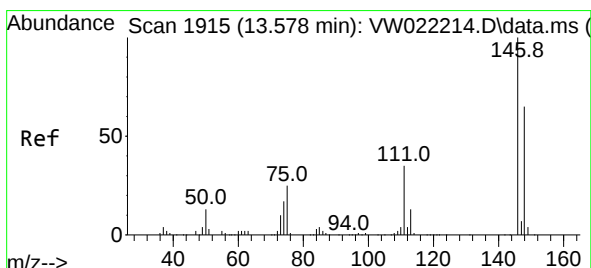
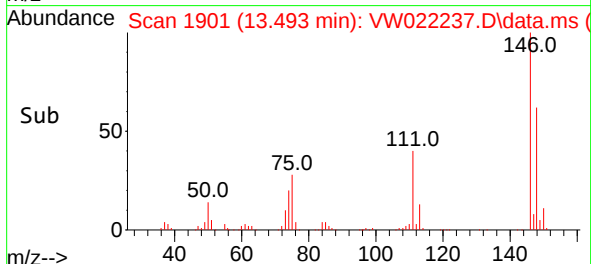
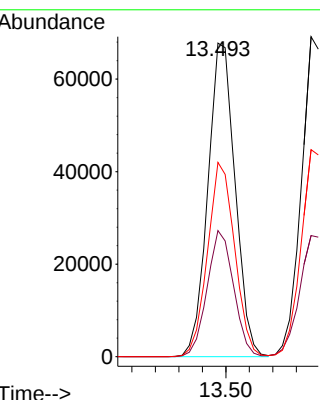
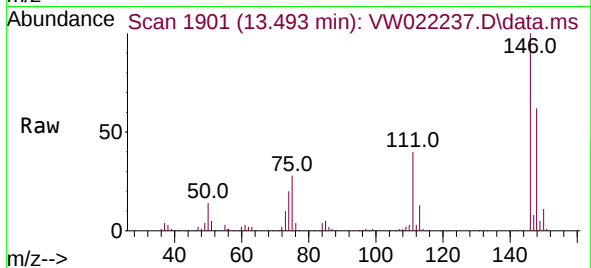
Tgt Ion:146 Resp: 109417

Ion Ratio Lower Upper

146 100

111 40.2 26.9 49.9

148 62.0 41.6 77.2



#65

1,4-Dichlorobenzene

Concen: 26.397 ug/L

RT: 13.573 min Scan# 1914

Delta R.T. -0.006 min

Lab File: VW022237.D

Acq: 08 Mar 2022 18:51

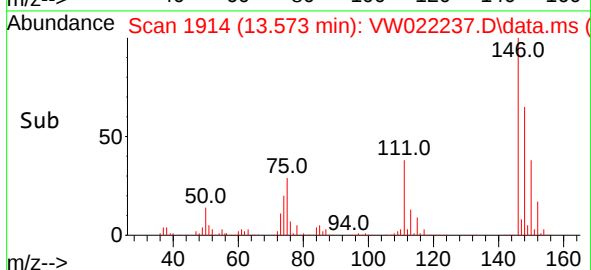
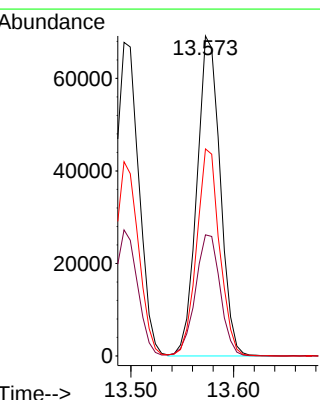
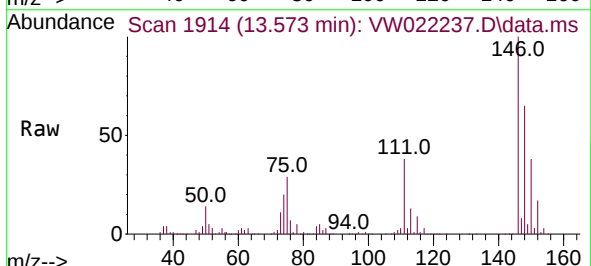
Tgt Ion:146 Resp: 108692

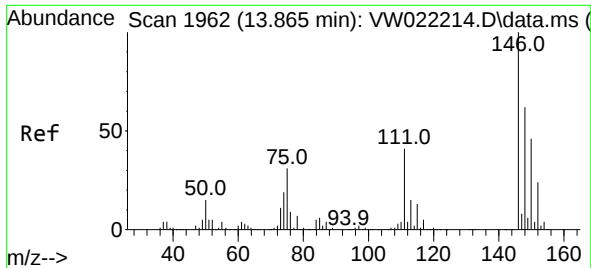
Ion Ratio Lower Upper

146 100

111 37.9 27.5 51.1

148 64.7 42.9 79.7





#67

1,2-Dichlorobenzene

Concen: 26.857 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW022237.D

Acq: 08 Mar 2022 18:51

Instrument :

MSVOA_W

ClientSampleId :

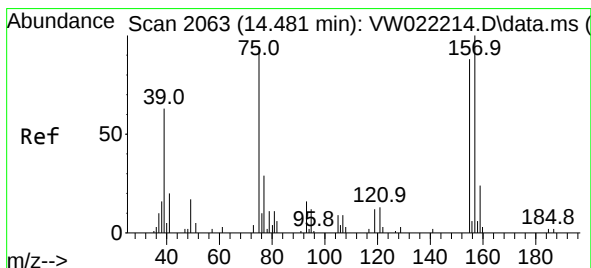
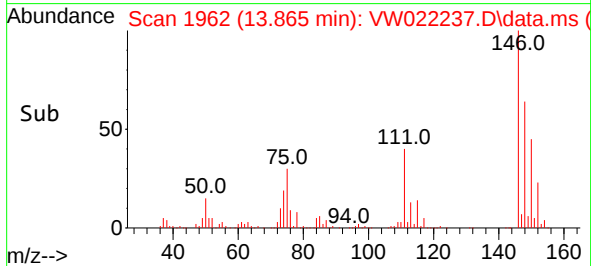
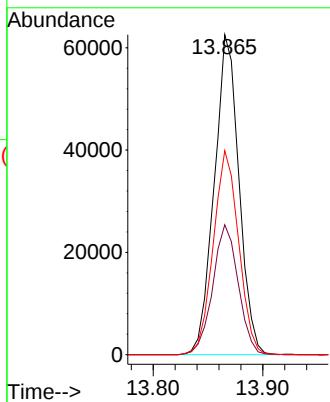
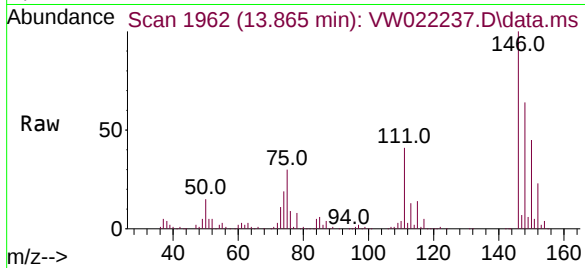
Tgt Ion:146 Resp: 98113

Ion Ratio Lower Upper

146 100

111 40.6 34.8 52.2

148 63.8 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 28.442 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW022237.D

Acq: 08 Mar 2022 18:51

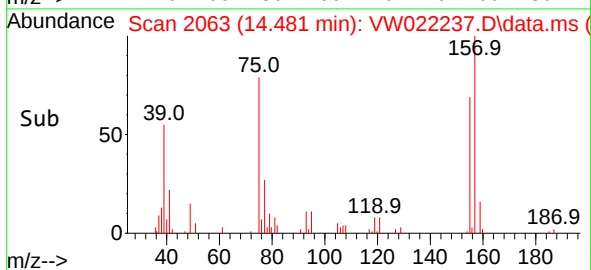
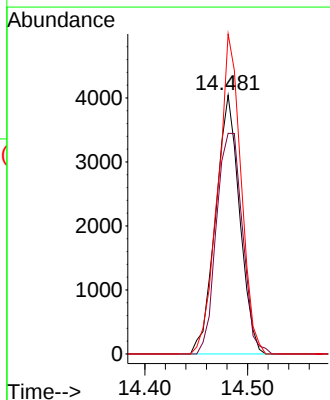
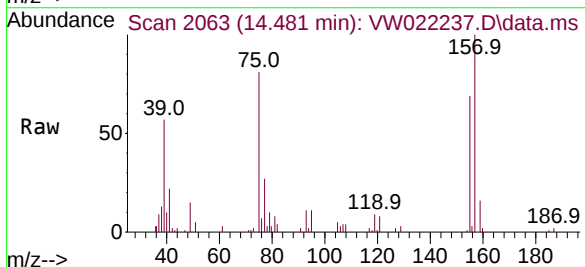
Tgt Ion: 75 Resp: 6548

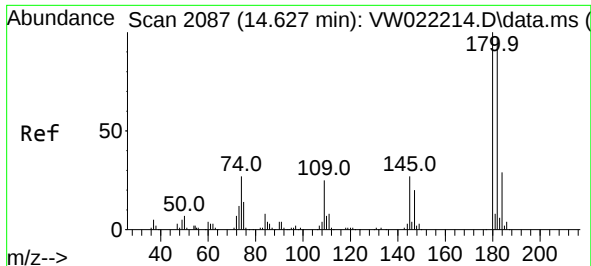
Ion Ratio Lower Upper

75 100

155 85.3 58.2 87.2

157 123.7 80.5 120.7#





#69

1,3,5-Trichlorobenzene

Concen: 26.195 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. 0.000 min

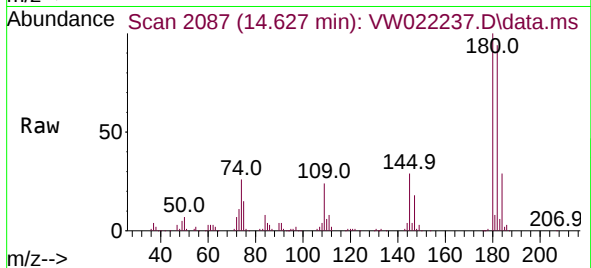
Lab File: VW022237.D

Acq: 08 Mar 2022 18:51

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 77255

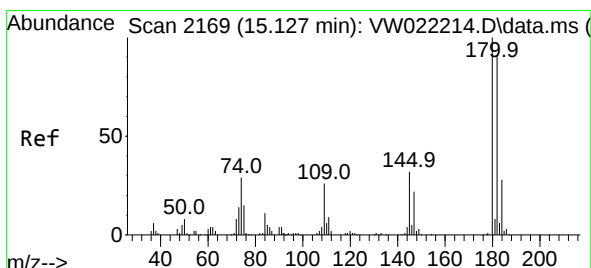
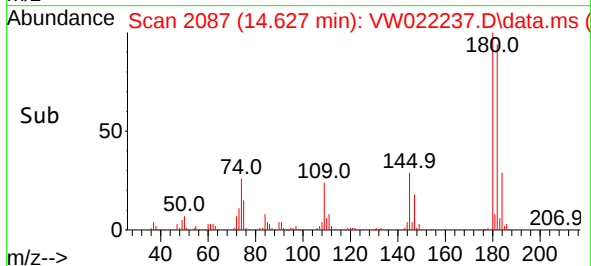
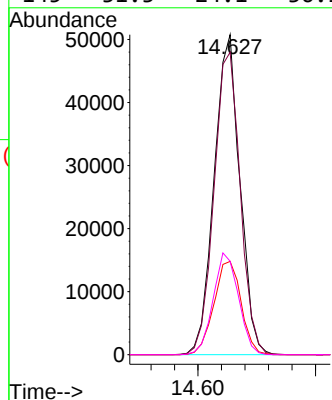
Ion Ratio Lower Upper

180 100

182 96.2 69.4 104.0

184 30.8 21.8 32.8

145 31.3 24.1 36.1



#70

1,2,4-trichlorobenzene

Concen: 28.394 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW022237.D

Acq: 08 Mar 2022 18:51

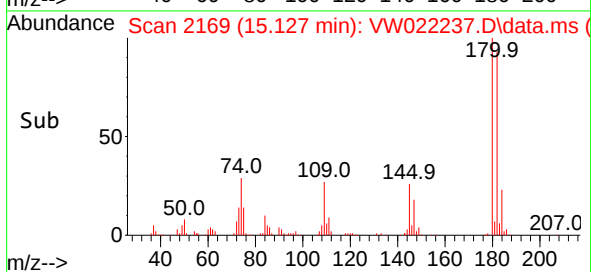
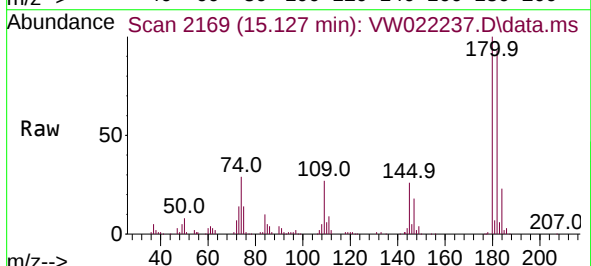
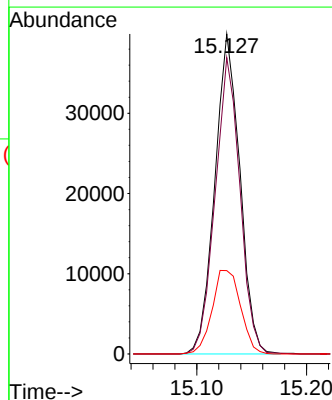
Tgt Ion:180 Resp: 63359

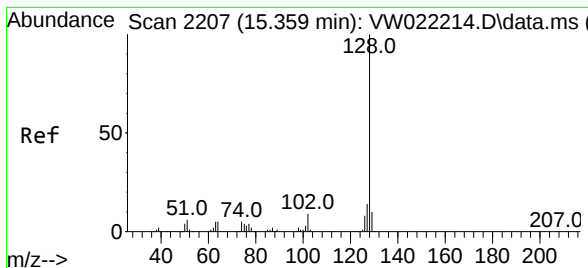
Ion Ratio Lower Upper

180 100

182 91.4 77.8 116.6

145 29.6 25.8 38.6





#71

Naphthalene

Concen: 30.183 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. 0.000 min

Lab File: VW022237.D

Acq: 08 Mar 2022 18:51

Instrument :

MSVOA_W

ClientSampleId :

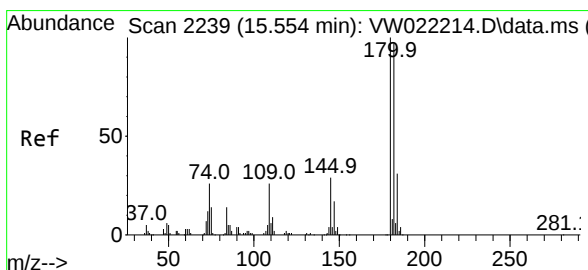
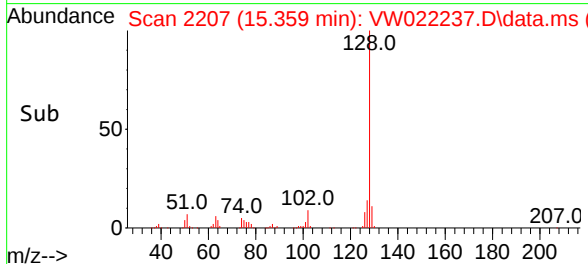
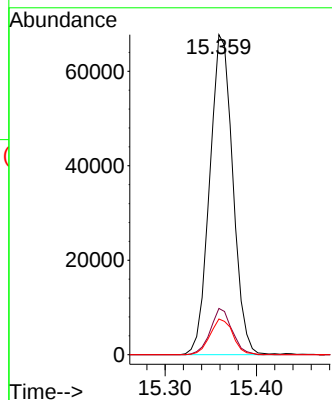
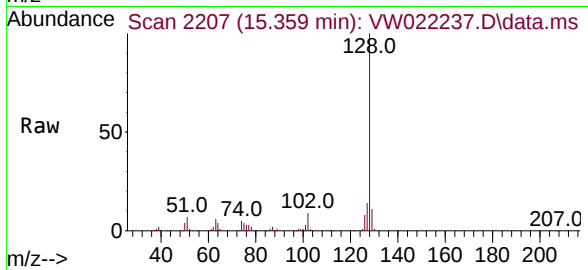
Tgt Ion:128 Resp: 118898

Ion Ratio Lower Upper

128 100

127 13.6 11.0 16.6

129 11.0 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 28.995 ug/L

RT: 15.554 min Scan# 2239

Delta R.T. 0.000 min

Lab File: VW022237.D

Acq: 08 Mar 2022 18:51

Tgt Ion:180 Resp: 55963

Ion Ratio Lower Upper

180 100

182 91.3 79.0 118.4

145 33.1 28.0 42.0

