

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042922\
 Data File : VW022708.D
 Acq On : 29 Apr 2022 18:33
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 29 22:27:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 29 22:19:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	268618	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	267994	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	151538	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	110169	18.552	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.200%
7) Chloroethane-d5	2.886	69	82310	22.116	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.480%
11) 1,1-Dichloroethene-d2	4.019	63	160227	20.803	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.200%
21) 2-Butanone-d5	7.080	46	54411	52.482	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.960%
24) Chloroform-d	7.647	84	212713	25.335	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.320%
26) 1,2-Dichloroethane-d4	8.305	65	114050	23.774	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.080%
32) Benzene-d6	8.275	84	387311	23.655	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.600%
36) 1,2-Dichloropropane-d6	9.275	67	114666	24.200	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.800%
41) Toluene-d8	10.323	98	378903	23.628	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.520%
43) trans-1,3-Dichloroprop...	10.579	79	48543	21.708	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.840%
47) 2-Hexanone-d5	10.921	63	44358	50.317	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.640%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	109346	27.141	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.560%
66) 1,2-Dichlorobenzene-d4	13.853	152	137904	25.692	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.760%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	34404	26.128	ug/L	99
3) Chloromethane	2.221	50	68097	20.742	ug/L	99
5) Vinyl chloride	2.361	62	135106	19.722	ug/L	98
6) Bromomethane	2.782	94	83941	20.157	ug/L	92
8) Chloroethane	2.922	64	67696	22.572	ug/L	98
9) Trichlorofluoromethane	3.257	101	61434	24.291	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	98330	24.416	ug/L	94
12) 1,1-Dichloroethene	4.044	96	86162	23.823	ug/L	89
13) Acetone	4.129	43	33993	48.157	ug/L	99
14) Carbon disulfide	4.391	76	200108	16.818	ug/L	96
15) Methyl Acetate	4.672	43	43871	24.766	ug/L	97
16) Methylene chloride	4.916	84	102567	25.375	ug/L	90
17) trans-1,2-Dichloroethene	5.428	96	100117	23.630	ug/L	95
18) Methyl tert-butyl Ether	5.428	73	167409	24.193	ug/L	96
19) 1,1-Dichloroethane	6.220	63	185851	24.040	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	117393	26.234	ug/L	79
22) 2-Butanone	7.177	43	54427	51.051	ug/L	97
23) Bromochloromethane	7.513	128	52458	27.239	ug/L	86
25) Chloroform	7.677	83	207133	25.439	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042922\
 Data File : VW022708.D
 Acq On : 29 Apr 2022 18:33
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 29 22:27:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 29 22:19:25 2022
 Response via : Initial Calibration

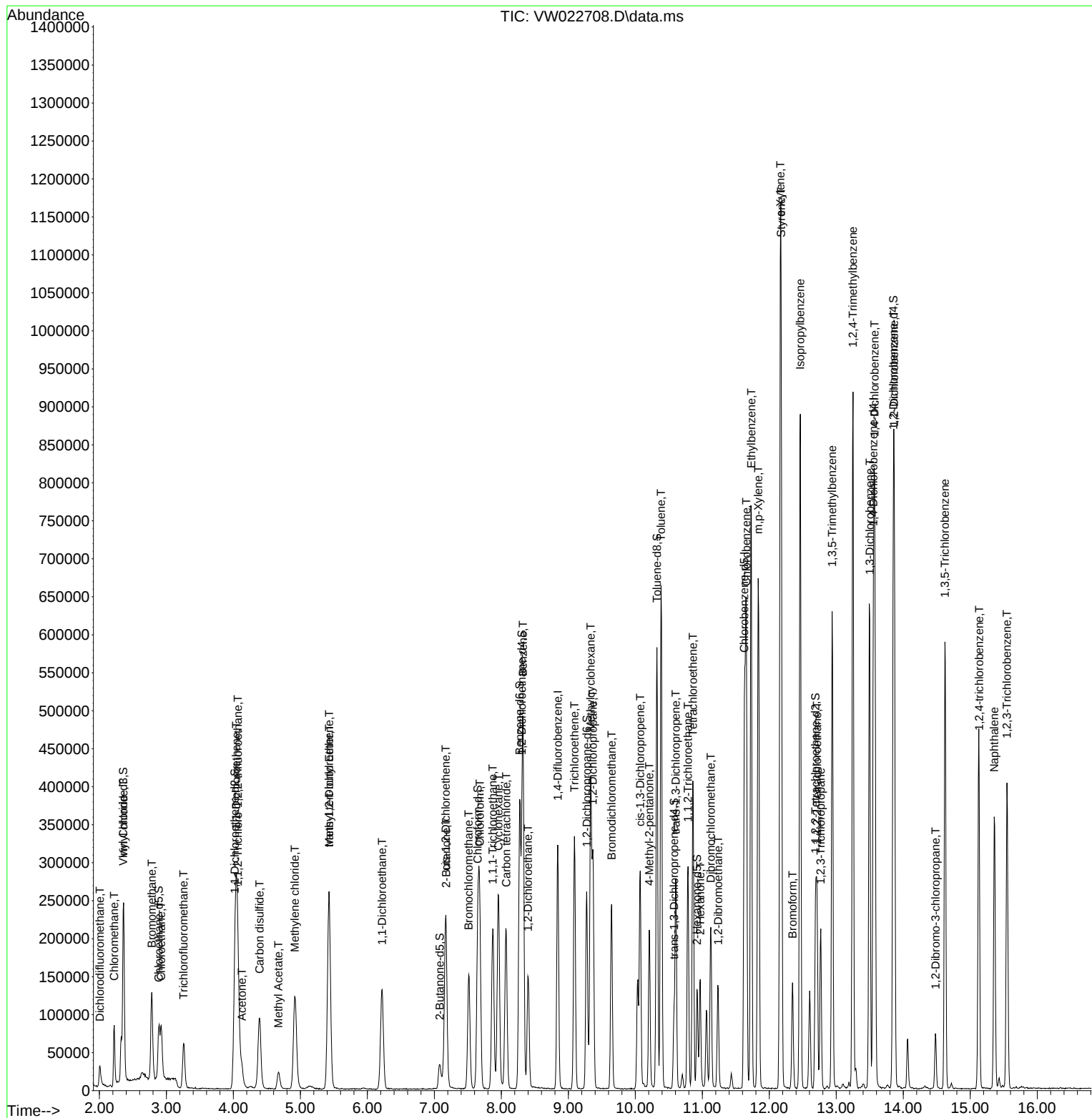
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	135786	23.727	ug/L	98
29) Cyclohexane	7.958	56	136436	17.788	ug/L	93
30) 1,1,1-Trichloroethane	7.872	97	168614	22.681	ug/L	98
31) Carbon tetrachloride	8.074	117	153765	23.045	ug/L	100
33) Benzene	8.324	78	417062	22.922	ug/L	100
34) Trichloroethene	9.092	95	112970	23.189	ug/L	96
35) Methylcyclohexane	9.336	83	170356	19.490	ug/L	94
37) 1,2-Dichloropropane	9.366	63	106523	24.438	ug/L	99
38) Bromodichloromethane	9.646	83	155325	24.779	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	164511	23.784	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	129066	48.518	ug/L	95
42) Toluene	10.384	91	485208	23.272	ug/L	97
44) trans-1,3-Dichloropropene	10.604	75	144415	23.318	ug/L	93
45) 1,1,2-Trichloroethane	10.787	97	88932	26.733	ug/L	93
46) Tetrachloroethene	10.860	164	82427	23.017	ug/L	95
48) 2-Hexanone	10.969	43	87102	46.413	ug/L #	95
49) Dibromochloromethane	11.128	129	109995	27.724	ug/L	92
50) 1,2-Dibromoethane	11.238	107	86140	26.223	ug/L	94
51) Chlorobenzene	11.658	112	326806	25.650	ug/L	94
52) Ethylbenzene	11.731	91	554734	23.737	ug/L	95
53) m,p-Xylene	11.835	106	219396	24.690	ug/L	93
54) o-Xylene	12.164	106	214314	25.239	ug/L	90
55) Styrene	12.177	104	368992	25.434	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	110387	27.035	ug/L	99
59) Bromoform	12.347	173	56934	25.284	ug/L	98
60) Isopropylbenzene	12.463	105	573234	22.772	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	80134	24.859	ug/L	97
62) 1,3,5-Trimethylbenzene	12.939	105	325563	23.517	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	496264	23.573	ug/L	94
64) 1,3-Dichlorobenzene	13.499	146	260462	25.495	ug/L	98
65) 1,4-Dichlorobenzene	13.573	146	254568	24.985	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	238734	26.129	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	16429	21.975	ug/L #	88
69) 1,3,5-Trichlorobenzene	14.621	180	168174	25.230	ug/L	98
70) 1,2,4-trichlorobenzene	15.133	180	135243	24.159	ug/L	94
71) Naphthalene	15.359	128	303100	25.670	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	121628	25.418	ug/L	97

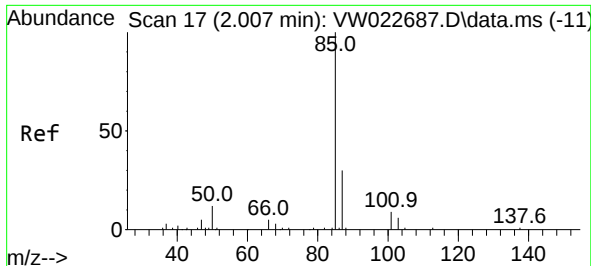
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042922\
Data File : VW022708.D
Acq On : 29 Apr 2022 18:33
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Apr 29 22:27:45 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Apr 29 22:19:25 2022
Response via : Initial Calibration

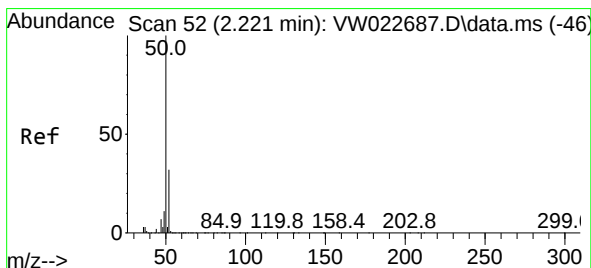
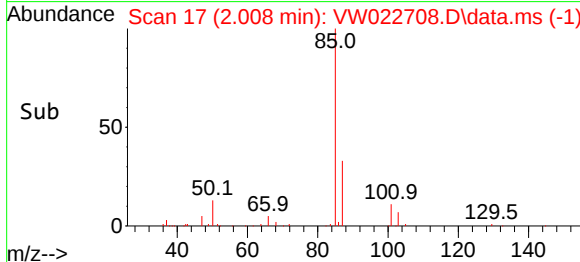
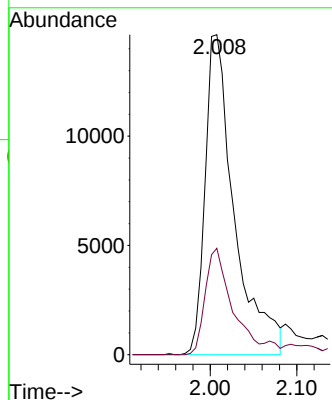
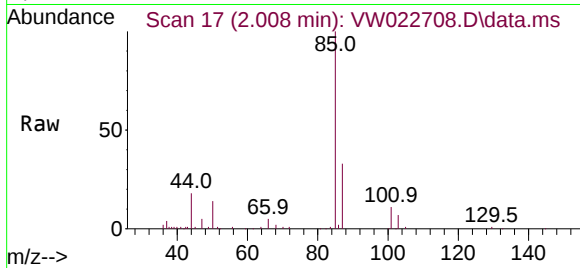




#2
Dichlorodifluoromethane
Concen: 26.128 ug/L
RT: 2.008 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW022708.D
Acq: 29 Apr 2022 18:33

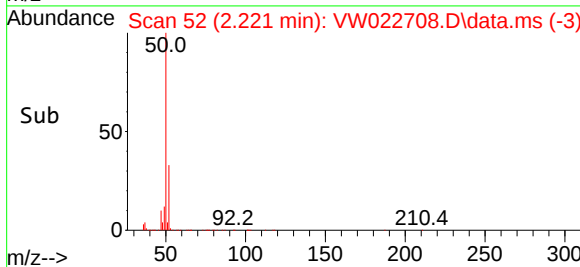
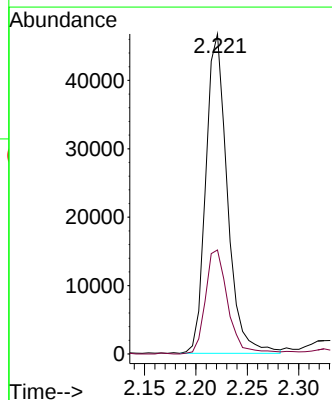
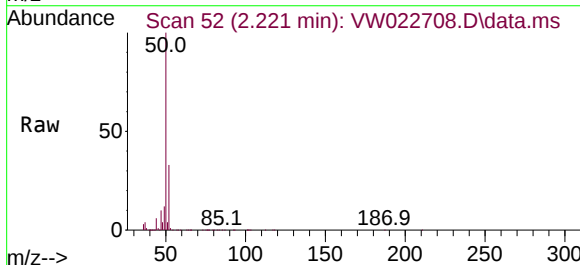
Instrument :
MSVOA_W
ClientSampleId :

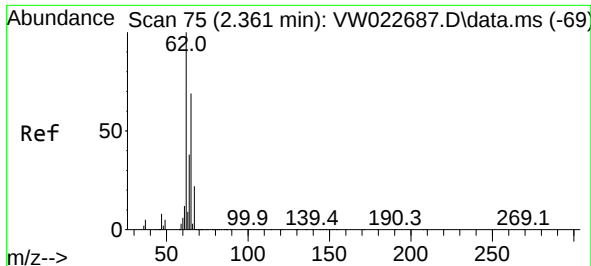
Tgt Ion: 85 Resp: 34404
Ion Ratio Lower Upper
85 100
87 30.1 23.7 35.5



#3
Chloromethane
Concen: 20.742 ug/L
RT: 2.221 min Scan# 52
Delta R.T. 0.000 min
Lab File: VW022708.D
Acq: 29 Apr 2022 18:33

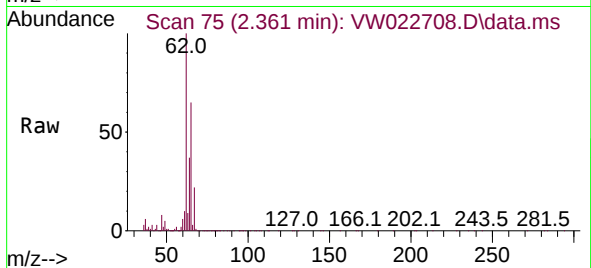
Tgt Ion: 50 Resp: 68097
Ion Ratio Lower Upper
50 100
52 32.5 23.0 42.6



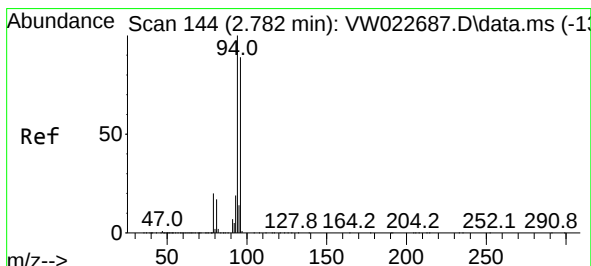
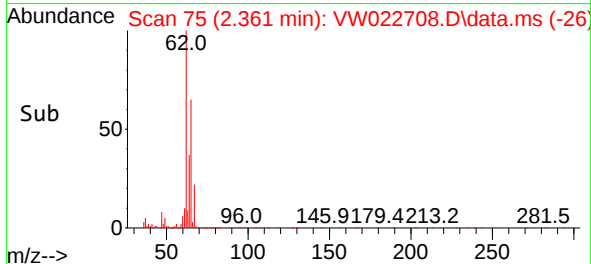
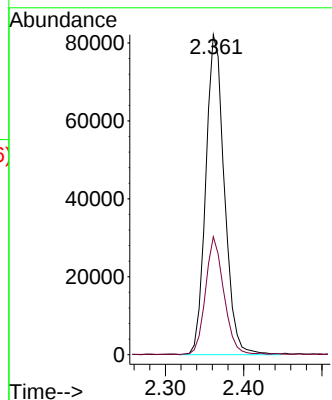


#5
 Vinyl chloride
 Concen: 19.722 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VW022708.D
 Acq: 29 Apr 2022 18:33

Instrument :
 MSVOA_W
 ClientSampleId :

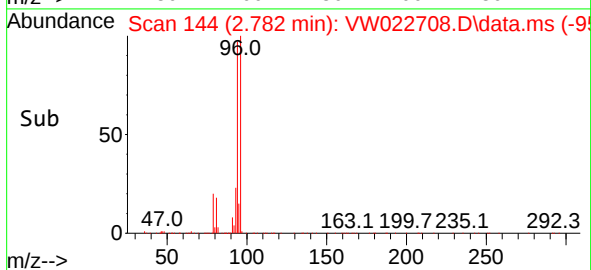
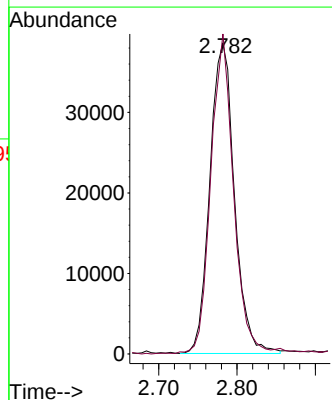
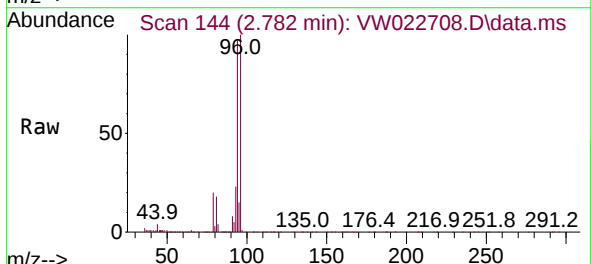


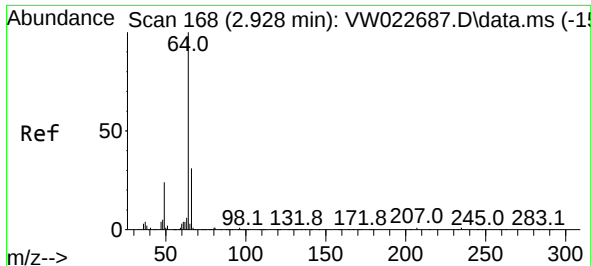
Tgt Ion: 62 Resp: 135106
 Ion Ratio Lower Upper
 62 100
 64 36.9 26.5 49.3



#6
 Bromomethane
 Concen: 20.157 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.000 min
 Lab File: VW022708.D
 Acq: 29 Apr 2022 18:33

Tgt Ion: 94 Resp: 83941
 Ion Ratio Lower Upper
 94 100
 96 103.0 66.6 123.6

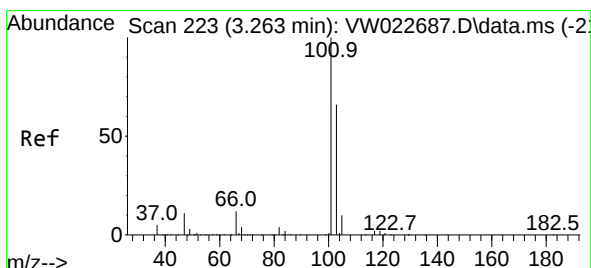
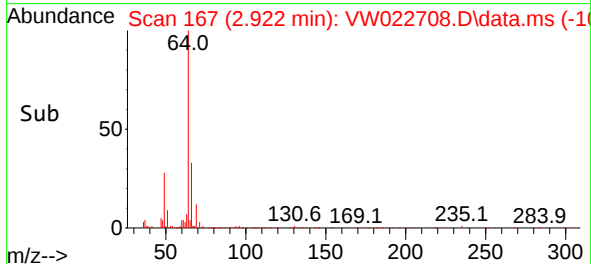
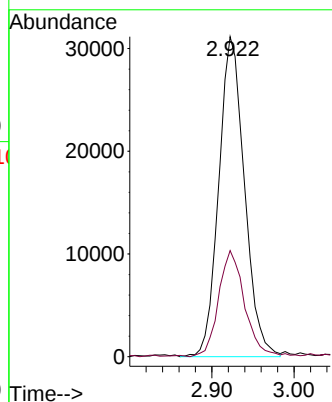
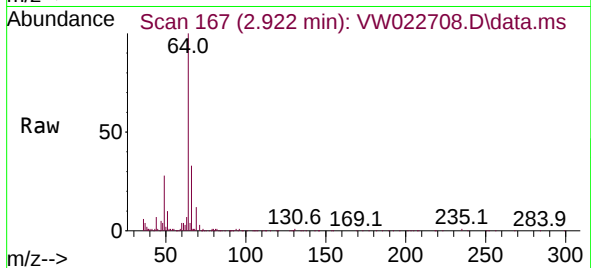




#8
Chloroethane
Concen: 22.572 ug/L
RT: 2.922 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW022708.D
Acq: 29 Apr 2022 18:33

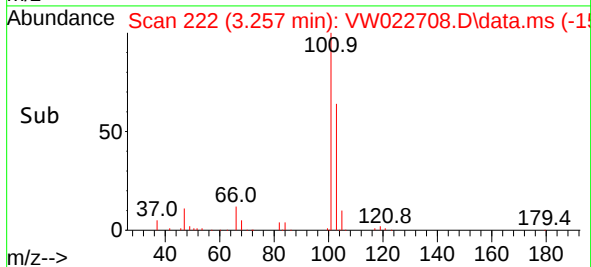
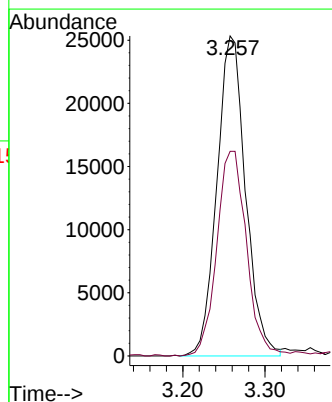
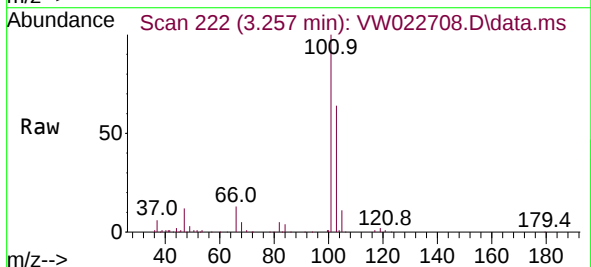
Instrument :
MSVOA_W
ClientSampleId :

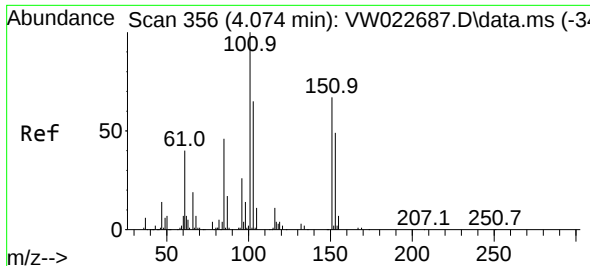
Tgt Ion: 64 Resp: 67696
Ion Ratio Lower Upper
64 100
66 33.2 22.3 41.5



#9
Trichlorofluoromethane
Concen: 24.291 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.006 min
Lab File: VW022708.D
Acq: 29 Apr 2022 18:33

Tgt Ion: 101 Resp: 61434
Ion Ratio Lower Upper
101 100
103 66.2 52.0 78.0

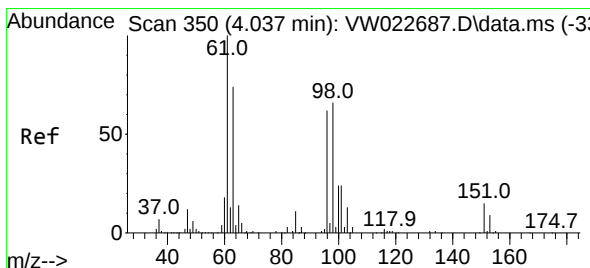
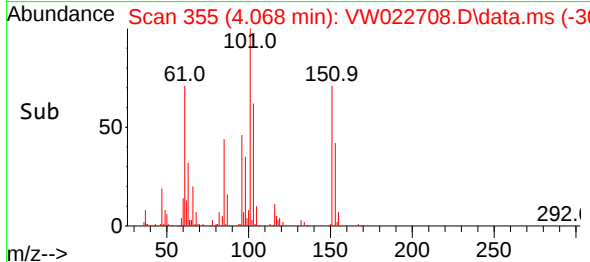
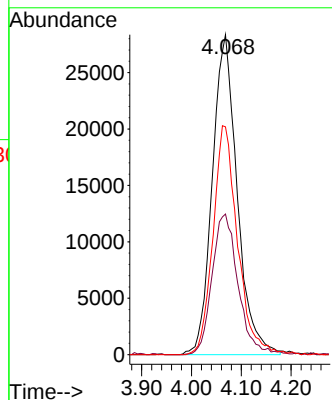
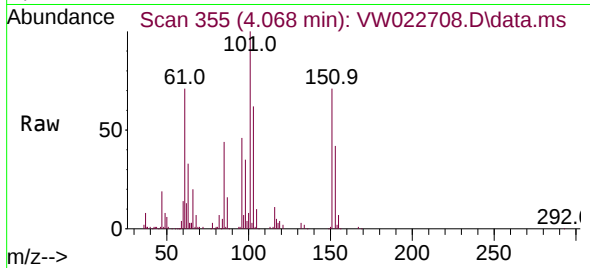




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.416 ug/L
 RT: 4.068 min Scan# 310
 Delta R.T. -0.006 min
 Lab File: VW022708.D
 Acq: 29 Apr 2022 18:33

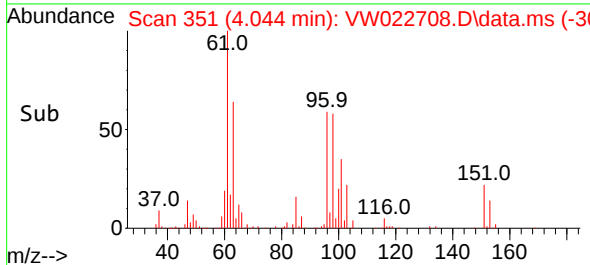
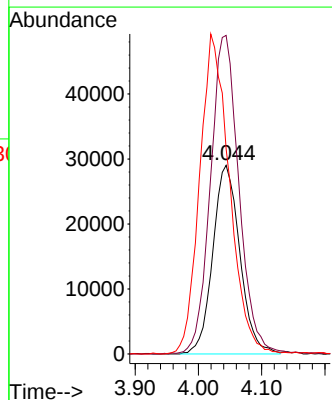
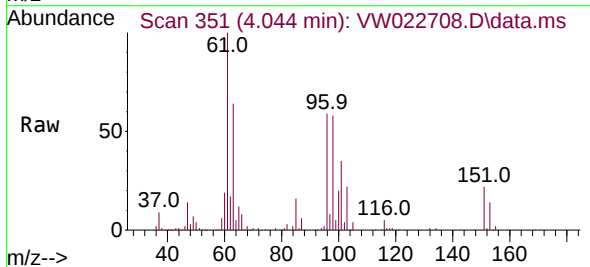
Instrument :
 MSVOA_W
 ClientSampleId :

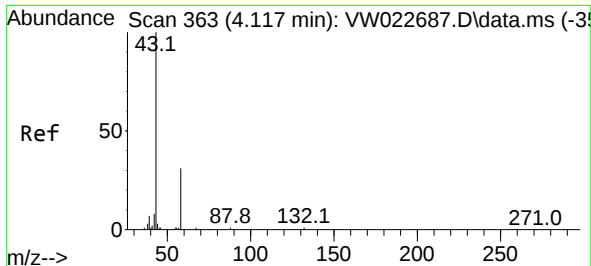
Tgt Ion:101 Resp: 98330
 Ion Ratio Lower Upper
 101 100
 85 45.2 39.2 58.8
 151 70.2 52.2 78.4



#12
 1,1-Dichloroethene
 Concen: 23.823 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.006 min
 Lab File: VW022708.D
 Acq: 29 Apr 2022 18:33

Tgt Ion: 96 Resp: 86162
 Ion Ratio Lower Upper
 96 100
 61 168.9 128.0 237.6
 63 108.8 86.6 160.8

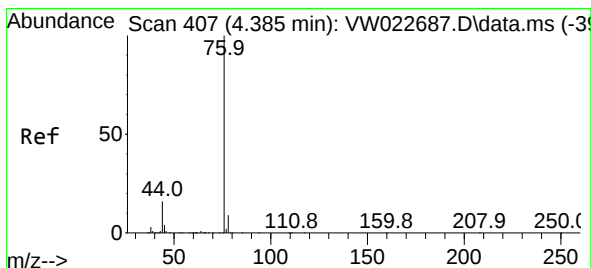
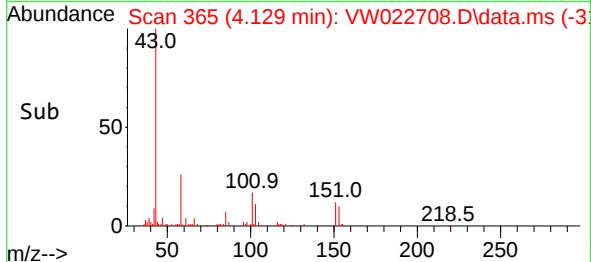
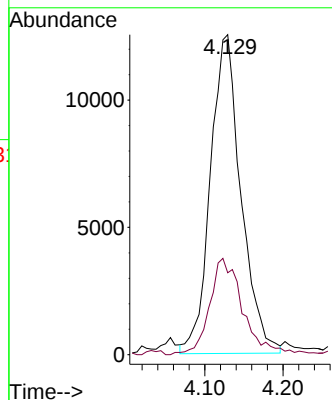
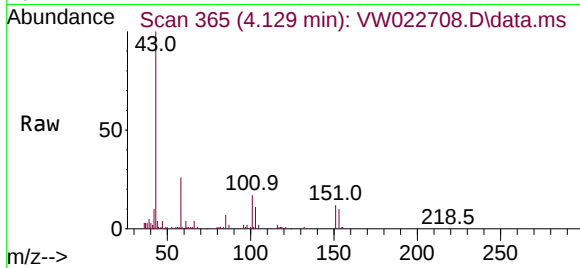




#13
Acetone
Concen: 48.157 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.012 min
Lab File: VW022708.D
Acq: 29 Apr 2022 18:33

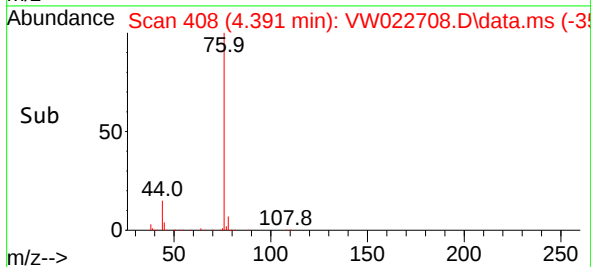
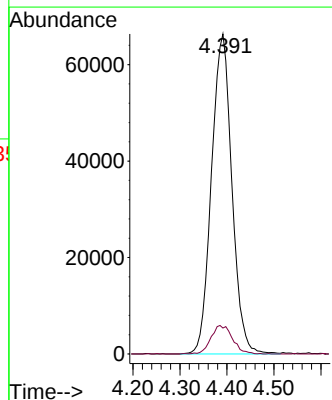
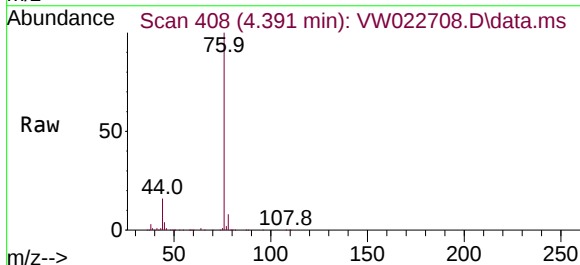
Instrument :
MSVOA_W
ClientSampleId :

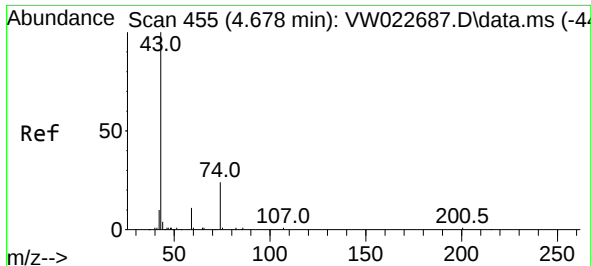
Tgt Ion: 43 Resp: 33993
Ion Ratio Lower Upper
43 100
58 28.9 0.0 57.0



#14
Carbon disulfide
Concen: 16.818 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.006 min
Lab File: VW022708.D
Acq: 29 Apr 2022 18:33

Tgt Ion: 76 Resp: 200108
Ion Ratio Lower Upper
76 100
78 8.1 7.6 11.4

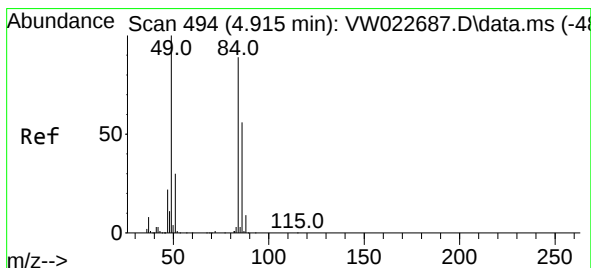
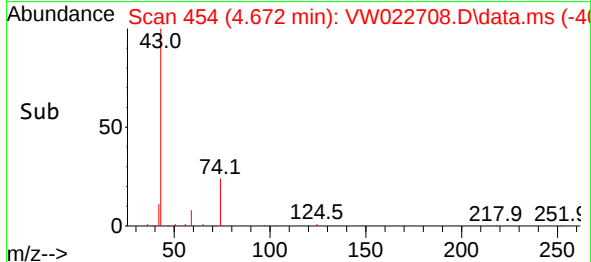
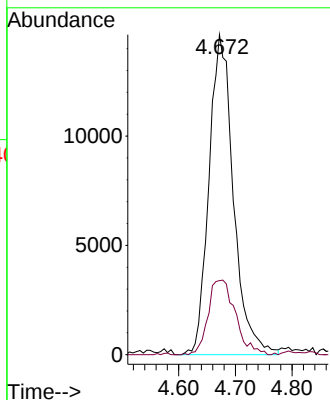
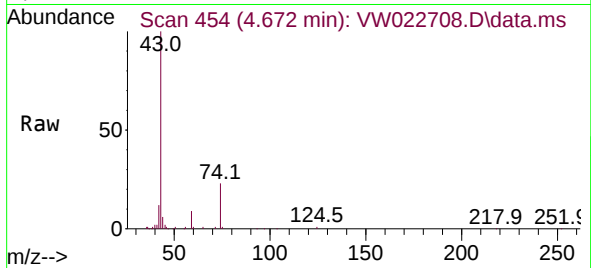




#15
Methyl Acetate
Concen: 24.766 ug/L
RT: 4.672 min Scan# 415
Delta R.T. -0.006 min
Lab File: VW022708.D
Acq: 29 Apr 2022 18:33

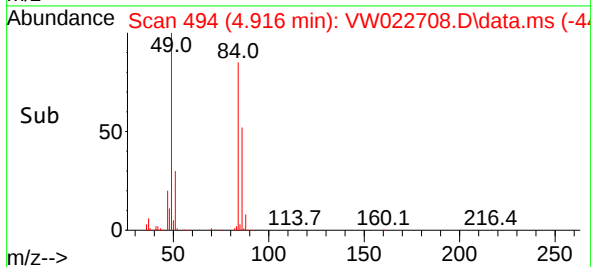
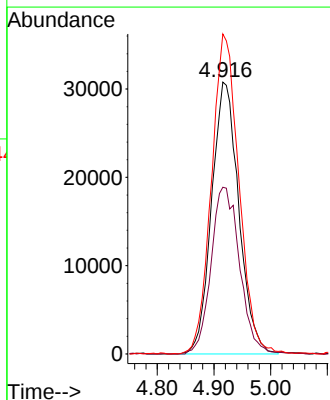
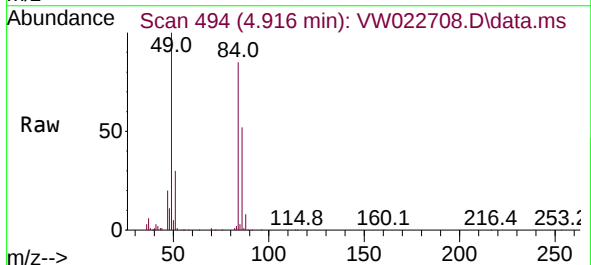
Instrument :
MSVOA_W
ClientSampleId :

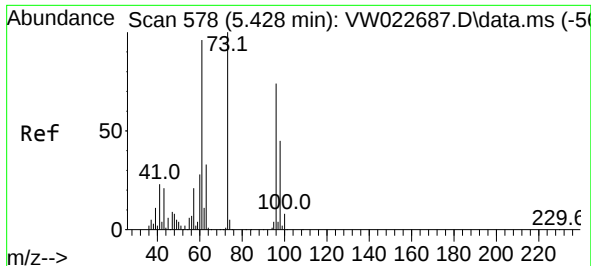
Tgt Ion: 43 Resp: 43871
Ion Ratio Lower Upper
43 100
74 24.8 18.5 27.7



#16
Methylene chloride
Concen: 25.375 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW022708.D
Acq: 29 Apr 2022 18:33

Tgt Ion: 84 Resp: 102567
Ion Ratio Lower Upper
84 100
86 61.3 42.8 79.4
49 117.7 94.2 175.0





#17

trans-1,2-Dichloroethene

Concen: 23.630 ug/L

RT: 5.428 min Scan# 578

Delta R.T. 0.000 min

Lab File: VW022708.D

Acq: 29 Apr 2022 18:33

Instrument :

MSVOA_W

ClientSampleId :

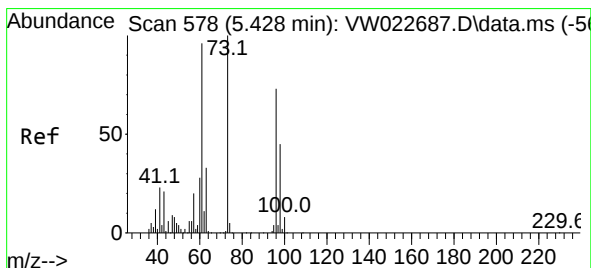
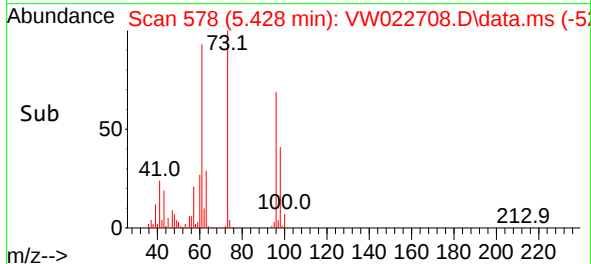
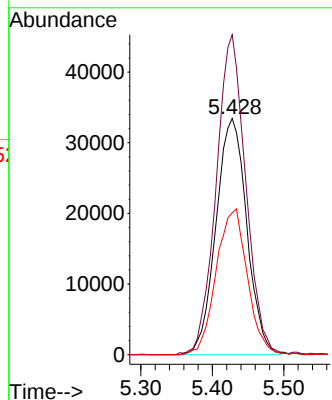
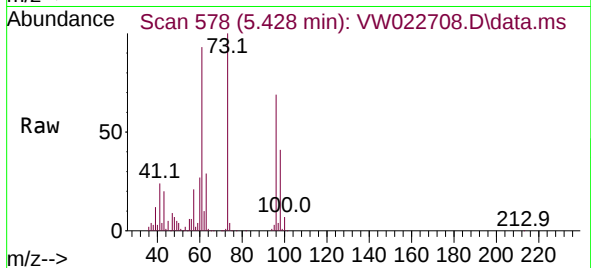
Tgt Ion: 96 Resp: 100117

Ion Ratio Lower Upper

96 100

61 135.5 99.8 185.4

98 60.0 44.6 82.8



#18

Methyl tert-butyl Ether

Concen: 24.193 ug/L

RT: 5.428 min Scan# 578

Delta R.T. 0.000 min

Lab File: VW022708.D

Acq: 29 Apr 2022 18:33

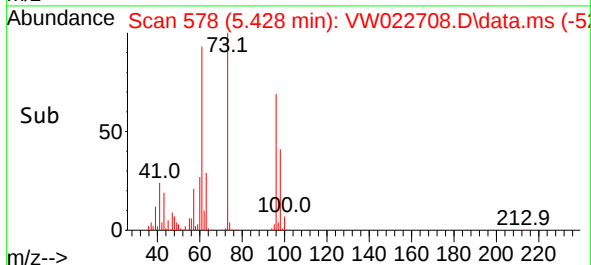
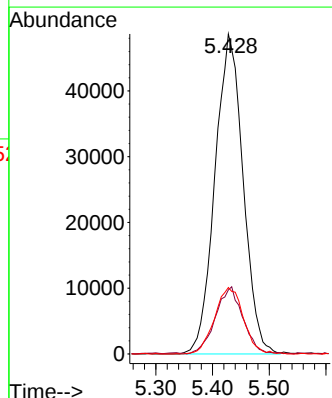
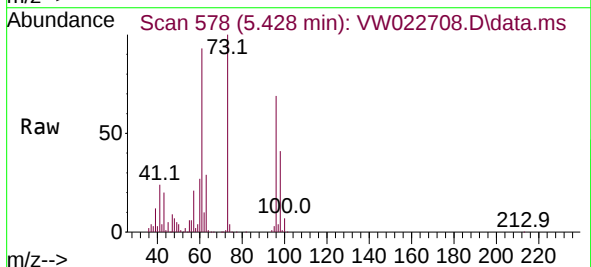
Tgt Ion: 73 Resp: 167409

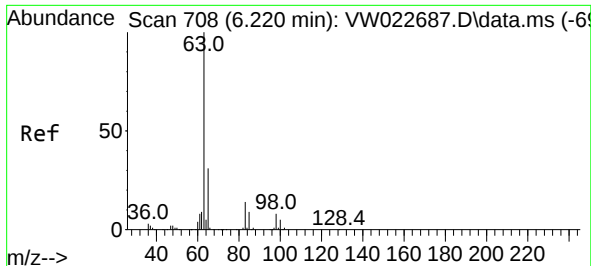
Ion Ratio Lower Upper

73 100

43 20.4 18.8 28.2

57 21.1 17.5 26.3





#19

1,1-Dichloroethane

Concen: 24.040 ug/L

RT: 6.220 min Scan# 708

Delta R.T. 0.000 min

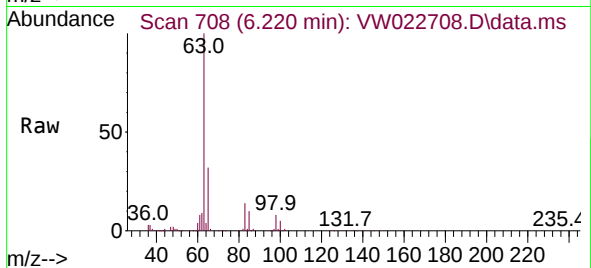
Lab File: VW022708.D

Acq: 29 Apr 2022 18:33

Instrument :

MSVOA_W

ClientSampleId :



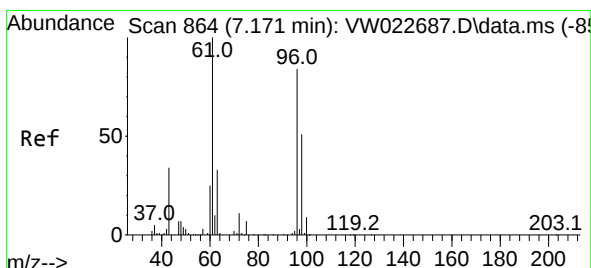
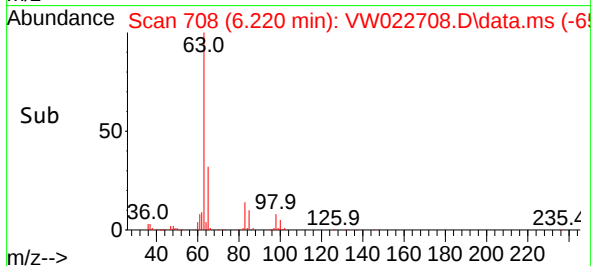
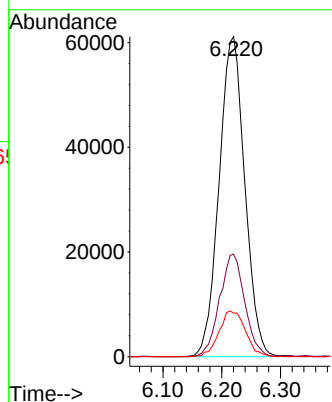
Tgt Ion: 63 Resp: 185851

Ion Ratio Lower Upper

63 100

65 32.1 21.1 39.3

83 13.6 10.1 18.9



#20

cis-1,2-Dichloroethene

Concen: 26.234 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW022708.D

Acq: 29 Apr 2022 18:33

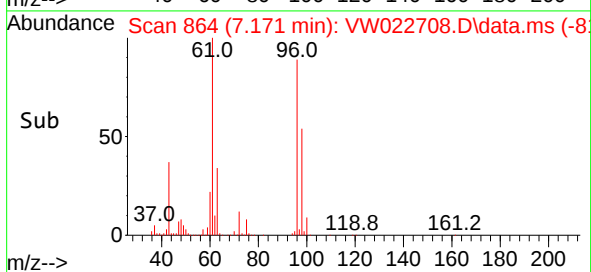
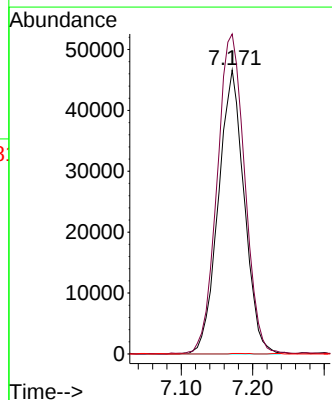
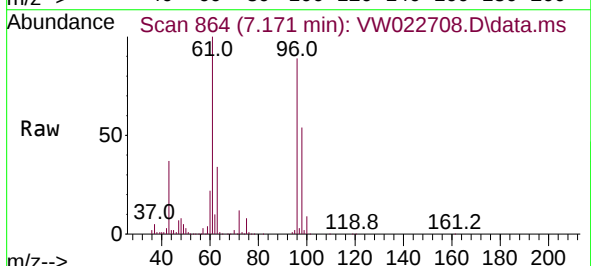
Tgt Ion: 96 Resp: 117393

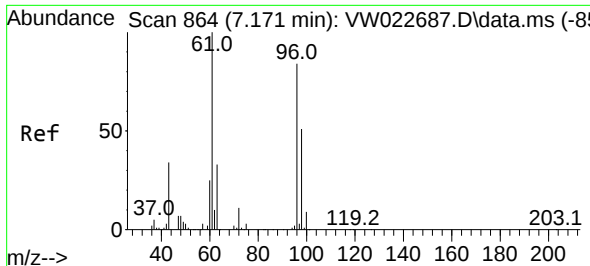
Ion Ratio Lower Upper

96 100

61 112.7 96.4 179.0

68 0.2 0.1 0.3

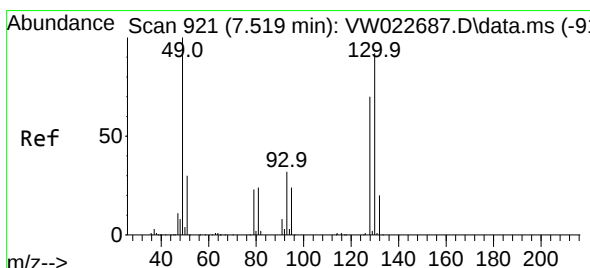
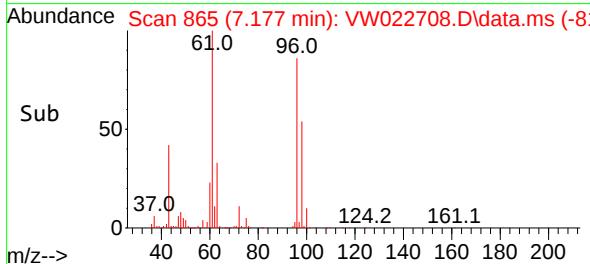
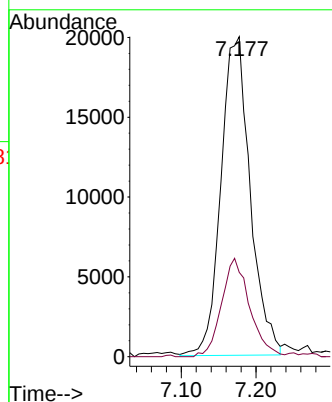
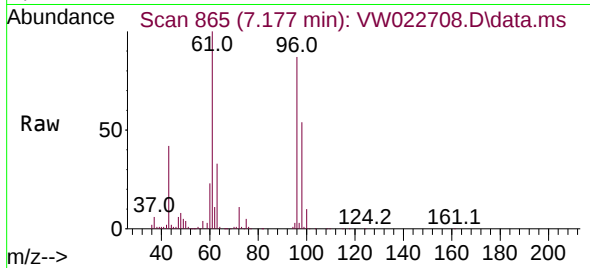




#22
2-Butanone
Concen: 51.051 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW022708.D
Acq: 29 Apr 2022 18:33

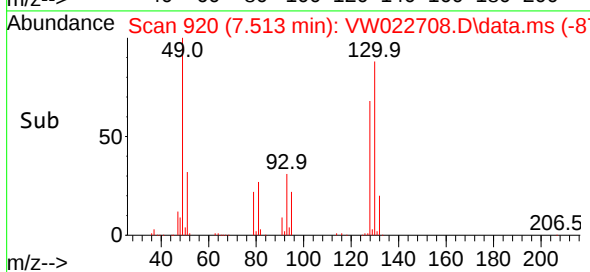
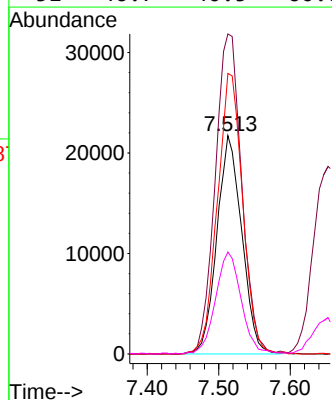
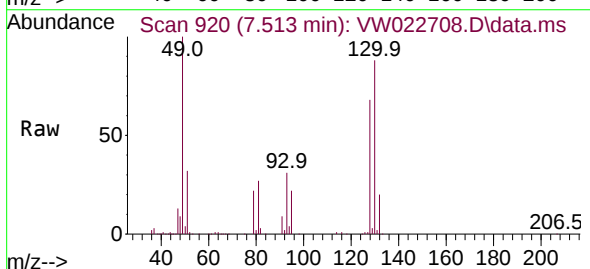
Instrument :
MSVOA_W
ClientSampleId :

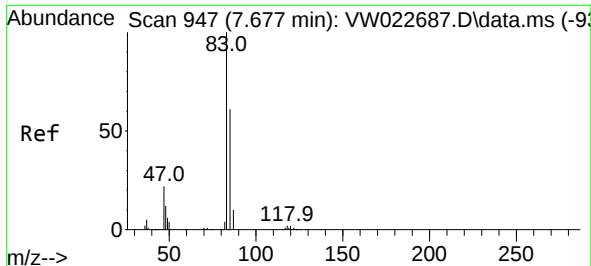
Tgt Ion: 43 Resp: 54427
Ion Ratio Lower Upper
43 100
72 29.6 14.0 42.0



#23
Bromochloromethane
Concen: 27.239 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW022708.D
Acq: 29 Apr 2022 18:33

Tgt Ion: 128 Resp: 52458
Ion Ratio Lower Upper
128 100
49 146.5 120.8 224.3
130 128.4 81.8 151.8
51 46.7 40.5 60.7

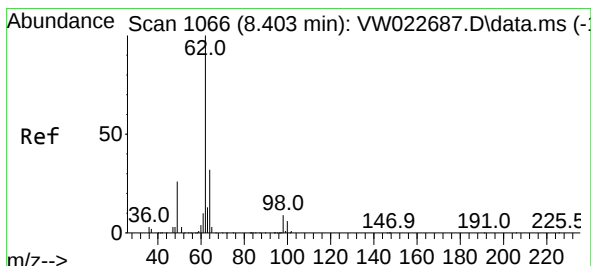
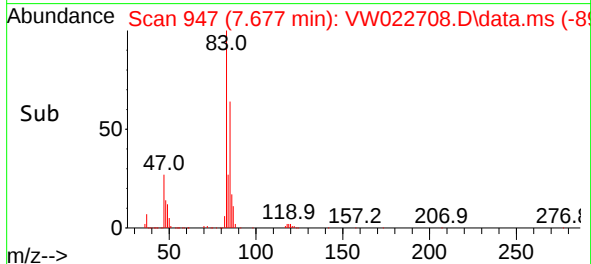
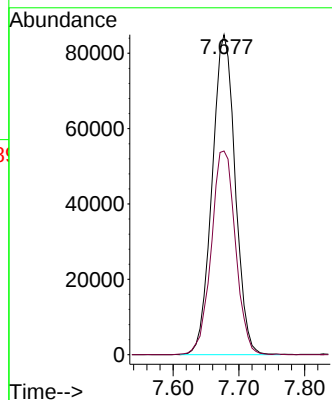
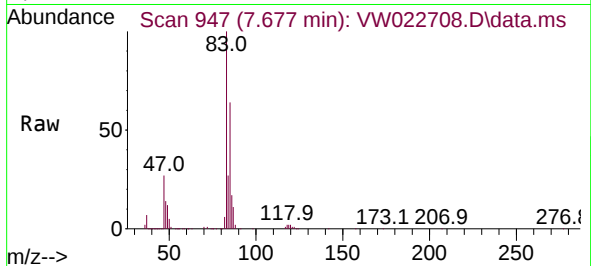




#25
Chloroform
Concen: 25.439 ug/L
RT: 7.677 min Scan# 94
Delta R.T. 0.000 min
Lab File: VW022708.D
Acq: 29 Apr 2022 18:33

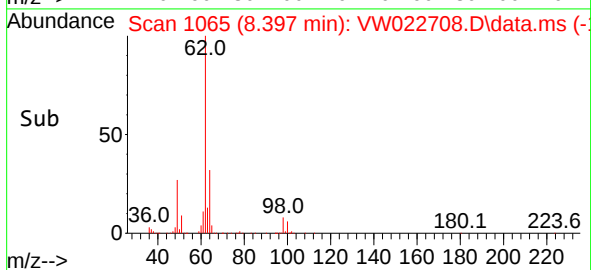
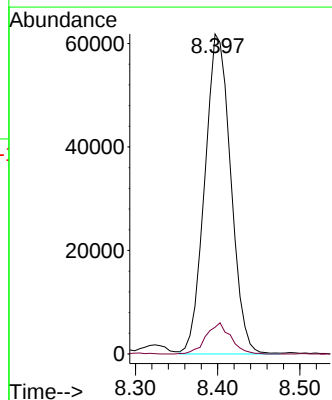
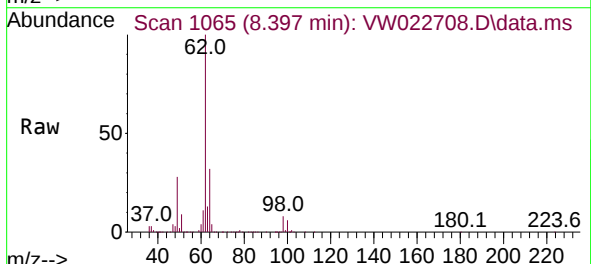
Instrument :
MSVOA_W
ClientSampleId :

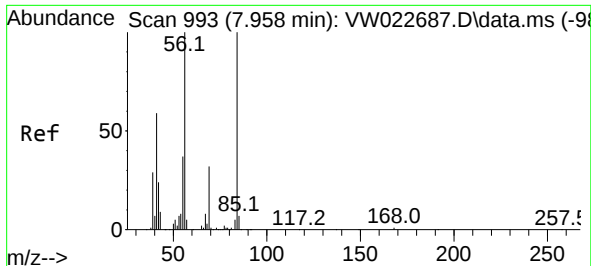
Tgt Ion: 83 Resp: 207133
Ion Ratio Lower Upper
83 100
85 63.7 45.8 85.0



#27
1,2-Dichloroethane
Concen: 23.727 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW022708.D
Acq: 29 Apr 2022 18:33

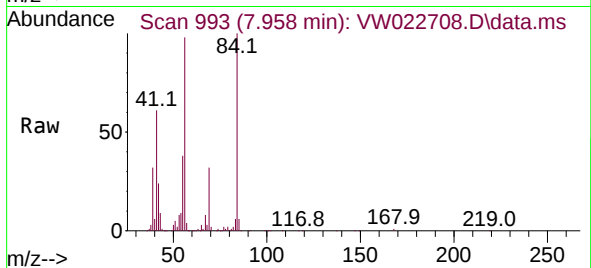
Tgt Ion: 62 Resp: 135786
Ion Ratio Lower Upper
62 100
98 8.3 6.2 9.2



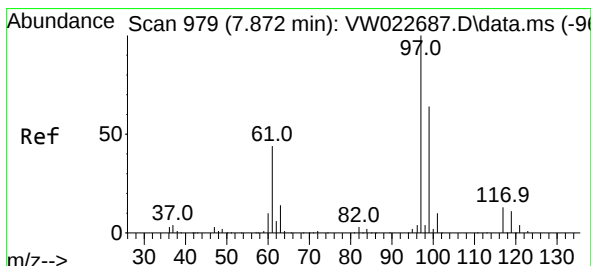
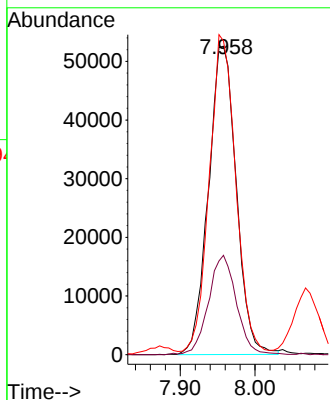
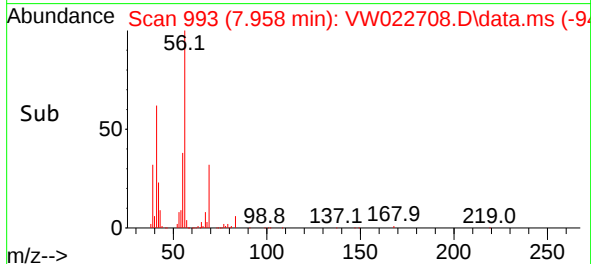


#29
Cyclohexane
Concen: 17.788 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW022708.D
Acq: 29 Apr 2022 18:33

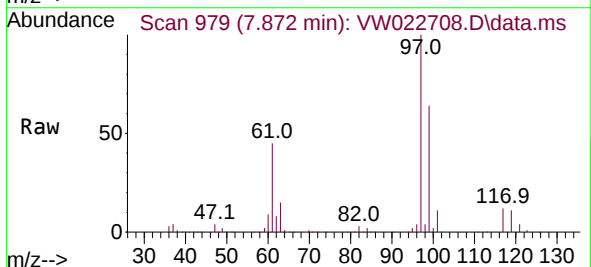
Instrument :
MSVOA_W
ClientSampleId :



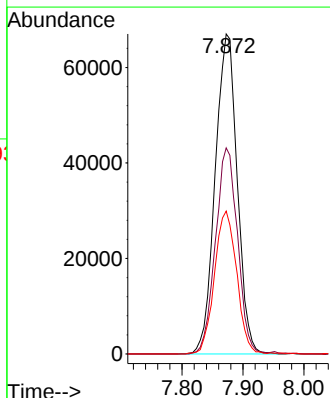
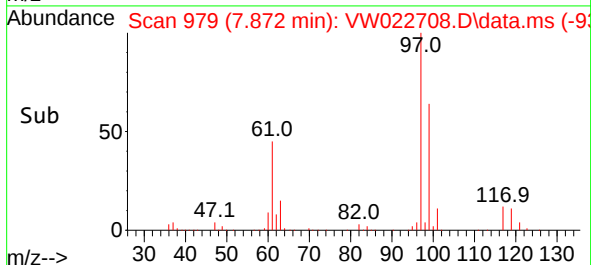
Tgt Ion: 56 Resp: 136436
Ion Ratio Lower Upper
56 100
69 32.1 24.4 36.6
84 99.2 72.6 108.8

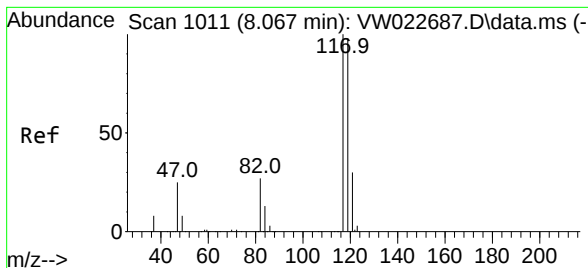


#30
1,1,1-Trichloroethane
Concen: 22.681 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW022708.D
Acq: 29 Apr 2022 18:33



Tgt Ion: 97 Resp: 168614
Ion Ratio Lower Upper
97 100
99 64.4 51.7 77.5
61 45.0 38.7 58.1





#31

Carbon tetrachloride

Concen: 23.045 ug/L

RT: 8.074 min Scan# 1011

Delta R.T. 0.006 min

Lab File: VW022708.D

Acq: 29 Apr 2022 18:33

Instrument :

MSVOA_W

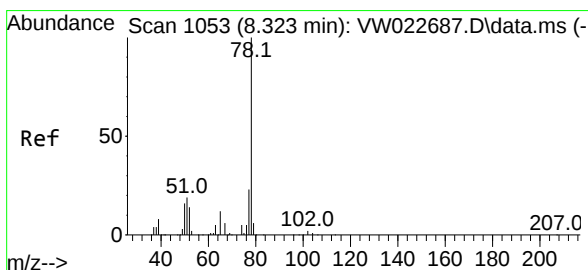
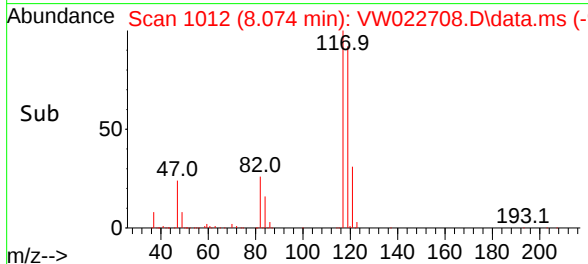
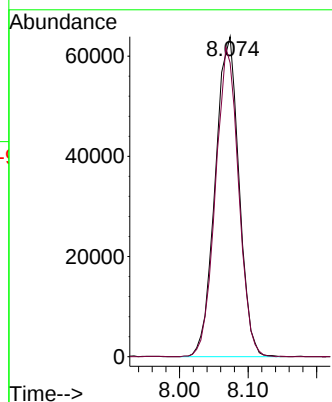
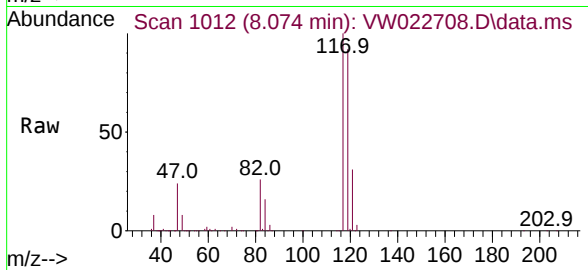
ClientSampleId :

Tgt Ion:117 Resp: 153765

Ion Ratio Lower Upper

117 100

119 93.9 75.5 113.3



#33

Benzene

Concen: 22.922 ug/L

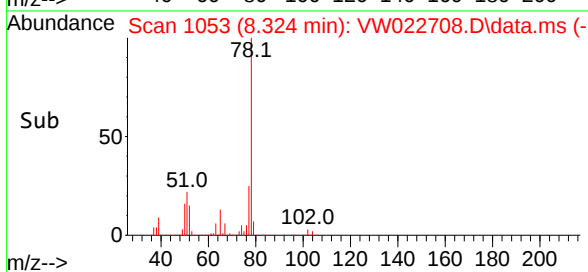
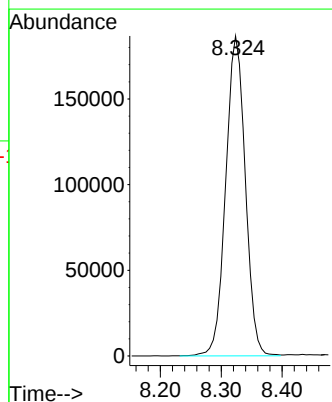
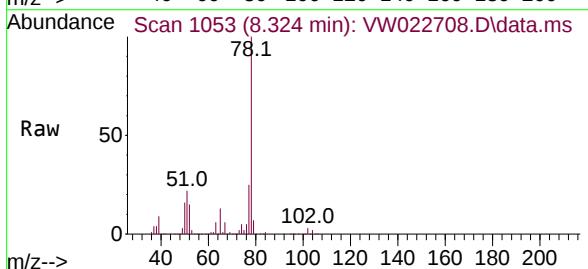
RT: 8.324 min Scan# 1053

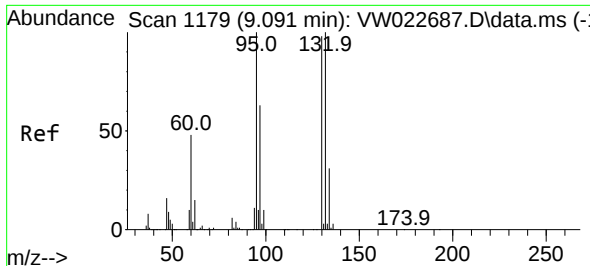
Delta R.T. 0.000 min

Lab File: VW022708.D

Acq: 29 Apr 2022 18:33

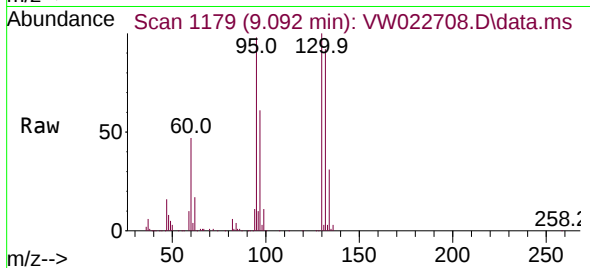
Tgt Ion: 78 Resp: 417062



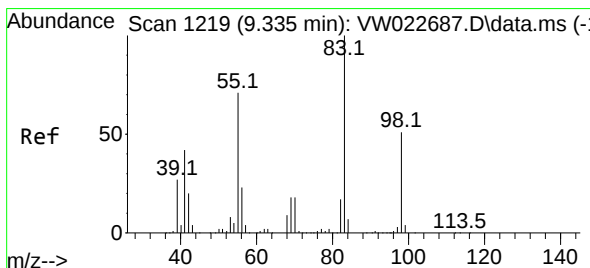
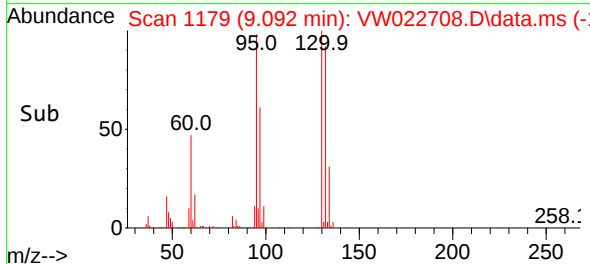
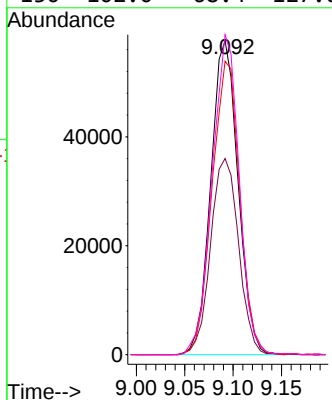


#34
Trichloroethene
Concen: 23.189 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW022708.D
Acq: 29 Apr 2022 18:33

Instrument :
MSVOA_W
ClientSampleId :

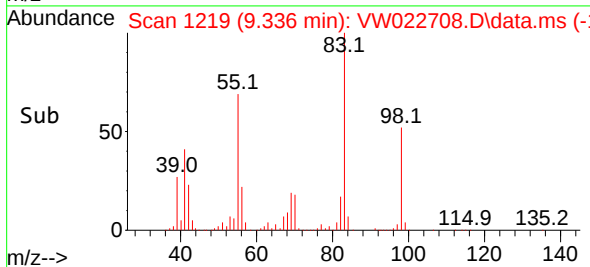
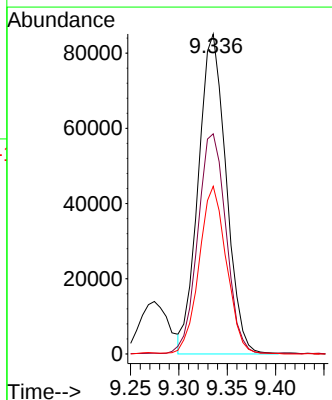
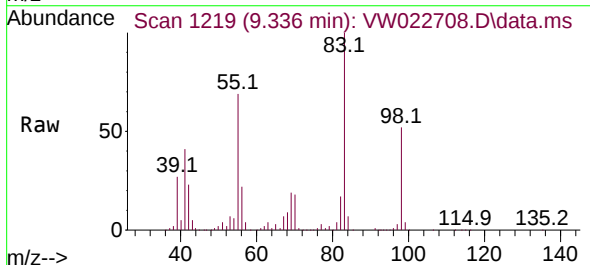


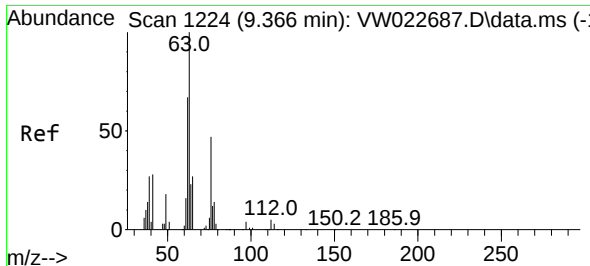
Tgt Ion: 95 Resp: 112970
Ion Ratio Lower Upper
95 100
97 62.5 46.4 86.2
132 93.5 67.4 125.2
130 102.0 68.4 127.0



#35
Methylcyclohexane
Concen: 19.490 ug/L
RT: 9.336 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW022708.D
Acq: 29 Apr 2022 18:33

Tgt Ion: 83 Resp: 170356
Ion Ratio Lower Upper
83 100
55 70.1 61.0 91.6
98 51.7 39.2 58.8





#37

1,2-Dichloropropane

Concen: 24.438 ug/L

RT: 9.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022708.D

Acq: 29 Apr 2022 18:33

Instrument :

MSVOA_W

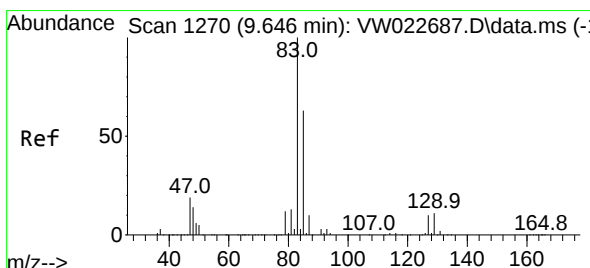
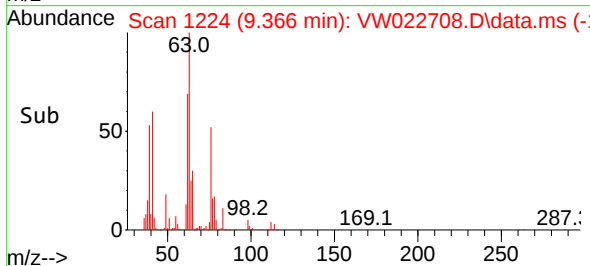
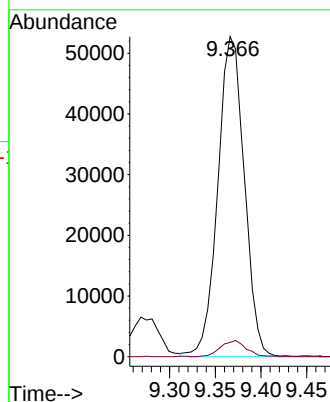
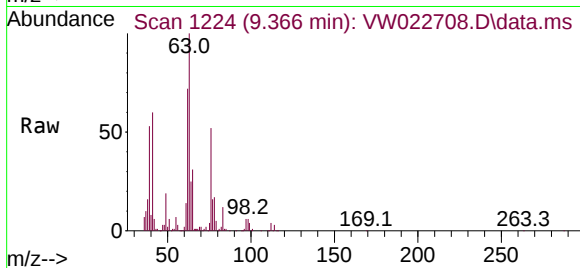
ClientSampleId :

Tgt Ion: 63 Resp: 106523

Ion Ratio Lower Upper

63 100

112 4.9 3.8 5.6



#38

Bromodichloromethane

Concen: 24.779 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW022708.D

Acq: 29 Apr 2022 18:33

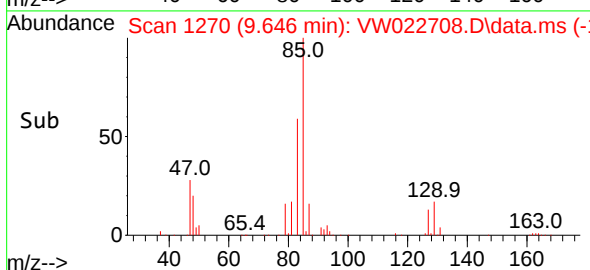
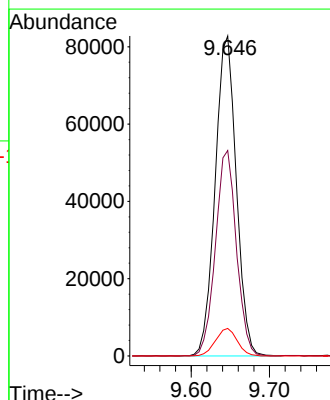
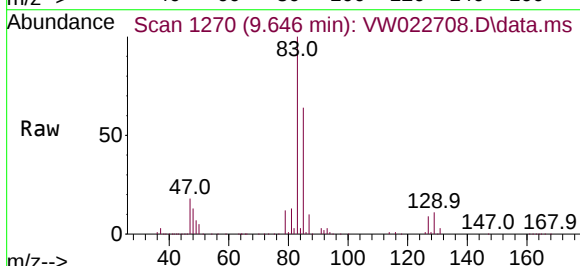
Tgt Ion: 83 Resp: 155325

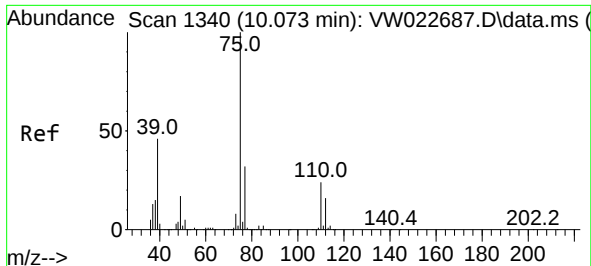
Ion Ratio Lower Upper

83 100

85 64.2 45.2 84.0

127 8.6 6.0 9.0

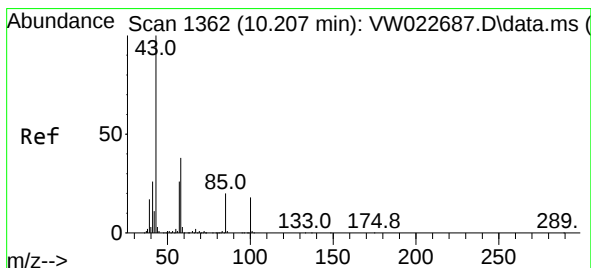
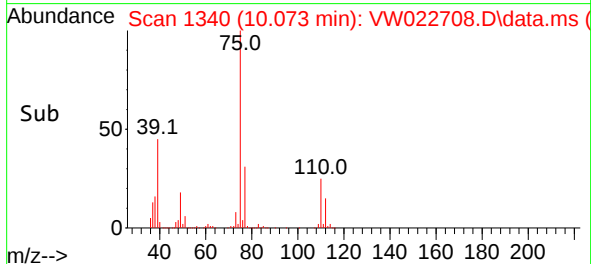
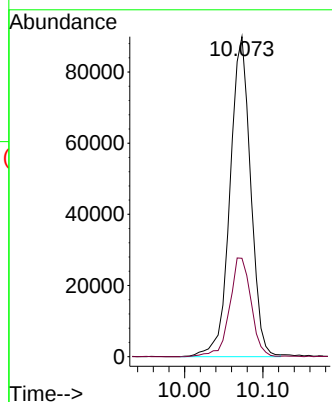
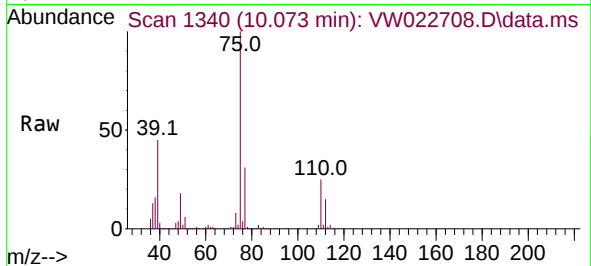




#39
cis-1,3-Dichloropropene
Concen: 23.784 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW022708.D
Acq: 29 Apr 2022 18:33

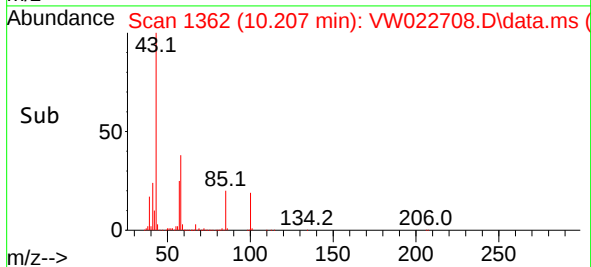
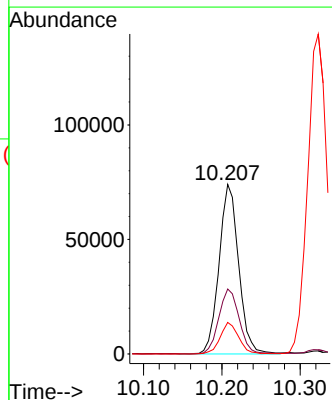
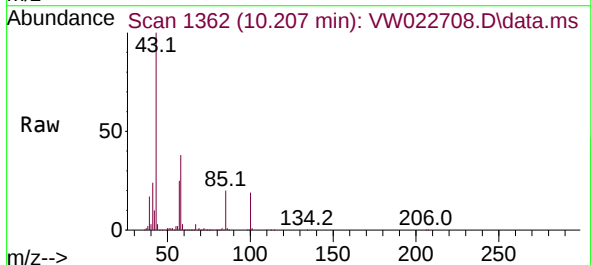
Instrument :
MSVOA_W
ClientSampleId :

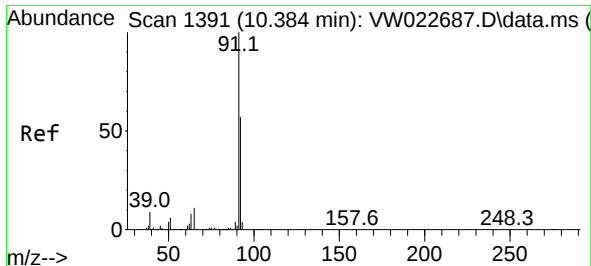
Tgt Ion: 75 Resp: 164511
Ion Ratio Lower Upper
75 100
77 30.8 22.6 42.0



#40
4-Methyl-2-pentanone
Concen: 48.518 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VW022708.D
Acq: 29 Apr 2022 18:33

Tgt Ion: 43 Resp: 129066
Ion Ratio Lower Upper
43 100
58 39.9 29.3 43.9
100 17.4 12.2 18.4

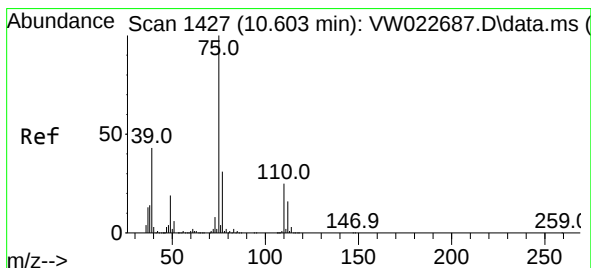
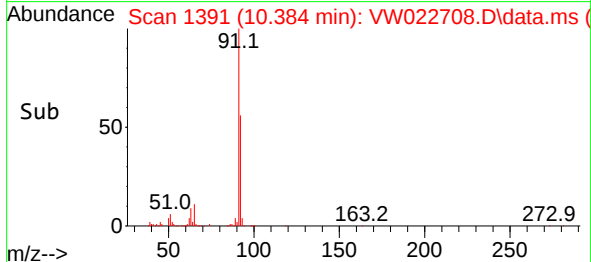
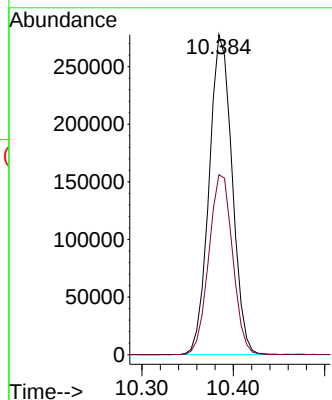
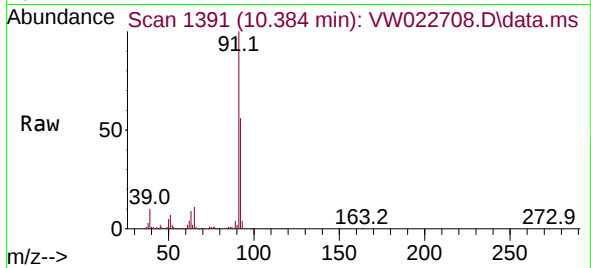




#42
Toluene
Concen: 23.272 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW022708.D
Acq: 29 Apr 2022 18:33

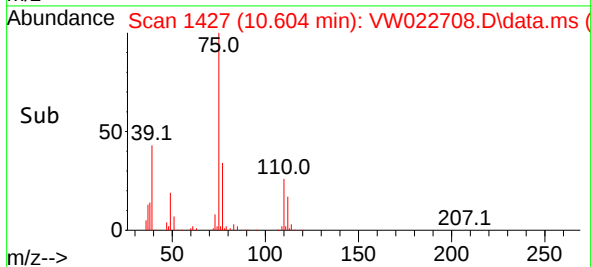
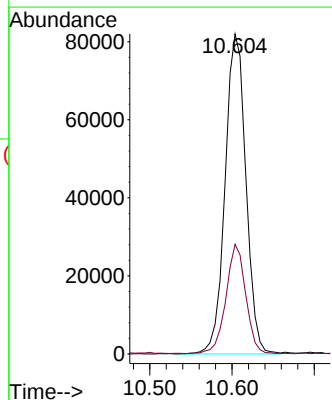
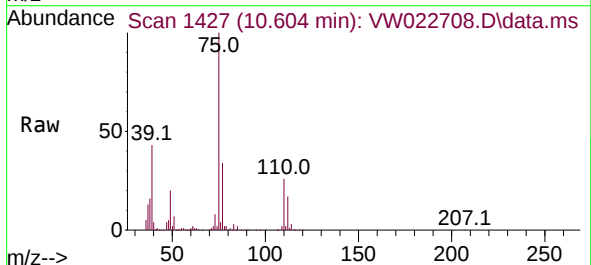
Instrument :
MSVOA_W
ClientSampleId :

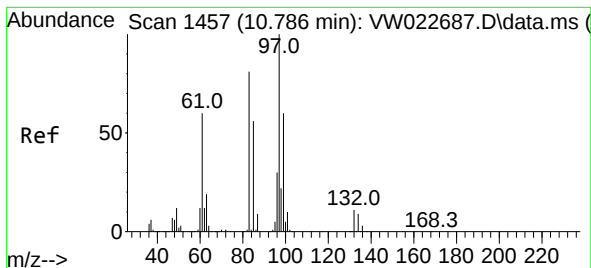
Tgt Ion: 91 Resp: 485208
Ion Ratio Lower Upper
91 100
92 56.3 38.0 70.6



#44
trans-1,3-Dichloropropene
Concen: 23.318 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW022708.D
Acq: 29 Apr 2022 18:33

Tgt Ion: 75 Resp: 144415
Ion Ratio Lower Upper
75 100
77 34.2 21.3 39.6





#45

1,1,2-Trichloroethane

Concen: 26.733 ug/L

RT: 10.787 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VW022708.D

Acq: 29 Apr 2022 18:33

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 88932

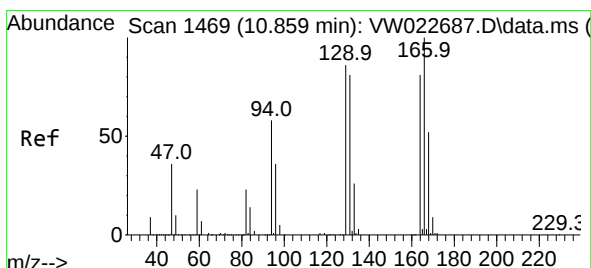
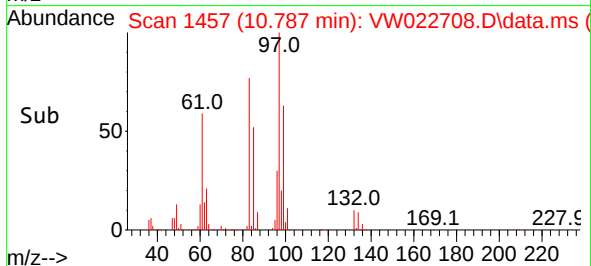
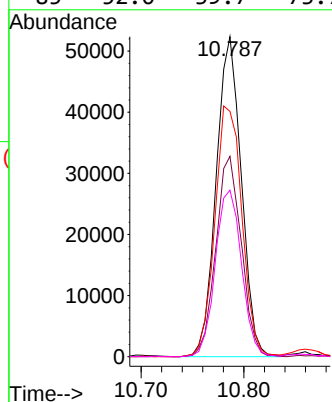
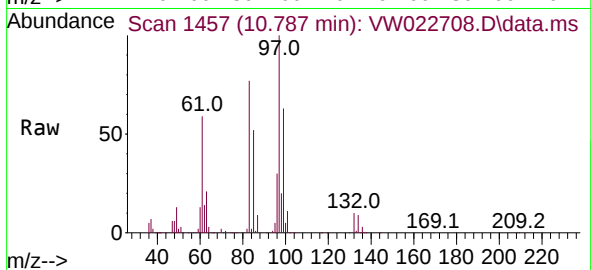
Ion Ratio Lower Upper

97 100

99 62.6 46.0 85.4

83 76.7 60.6 112.6

85 52.0 39.7 73.7



#46

Tetrachloroethene

Concen: 23.017 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. 0.000 min

Lab File: VW022708.D

Acq: 29 Apr 2022 18:33

Tgt Ion:164 Resp: 82427

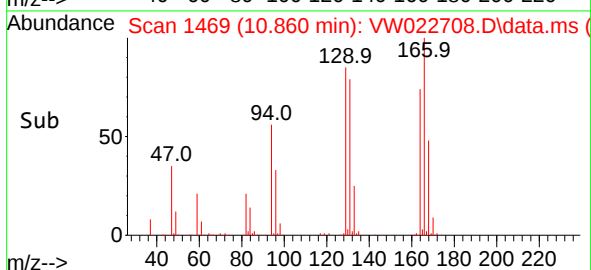
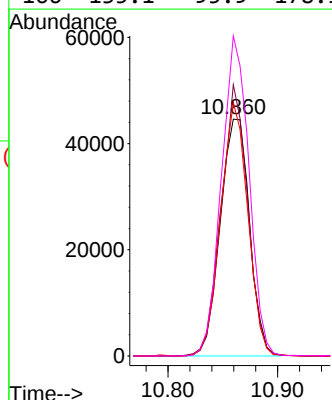
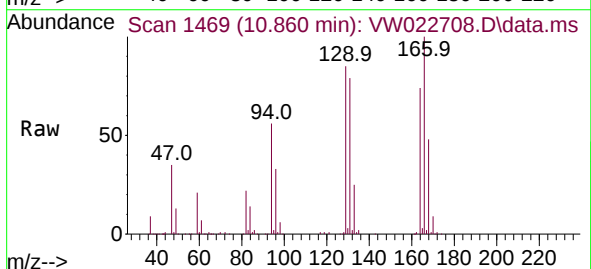
Ion Ratio Lower Upper

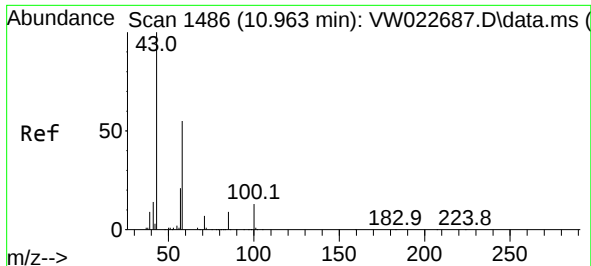
164 100

129 114.5 74.1 137.7

131 107.0 71.4 132.6

166 135.1 95.9 178.1

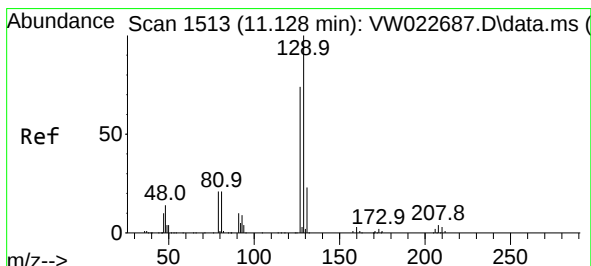
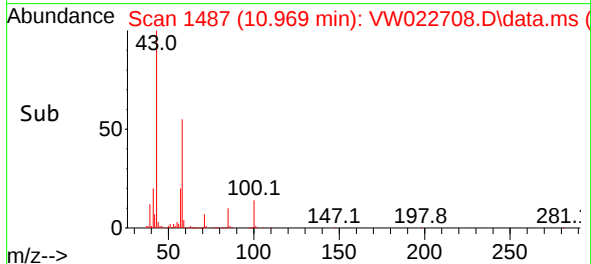
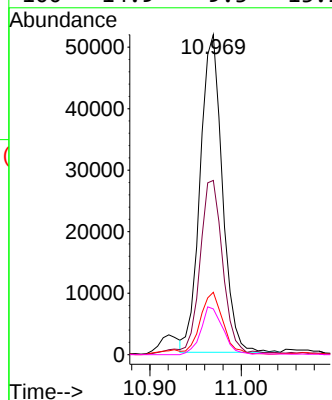
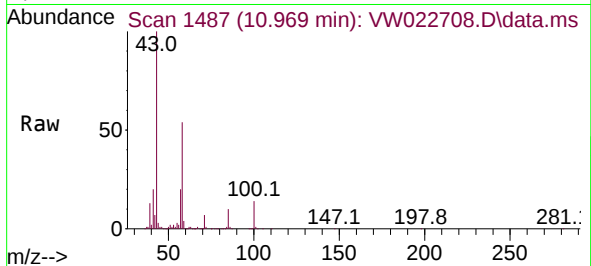




#48
2-Hexanone
Concen: 46.413 ug/L
RT: 10.969 min Scan# 1486
Delta R.T. 0.006 min
Lab File: VW022708.D
Acq: 29 Apr 2022 18:33

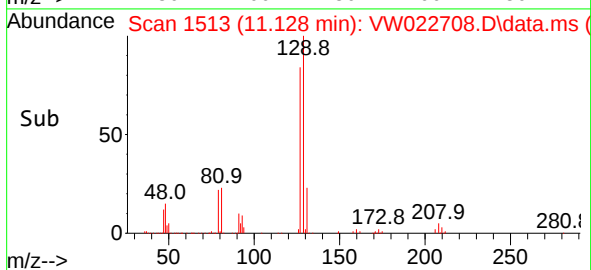
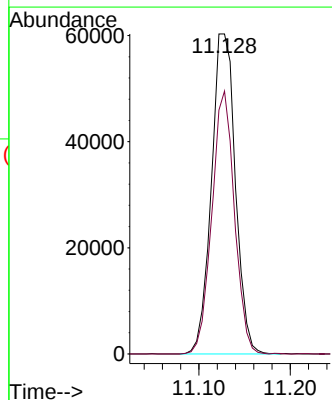
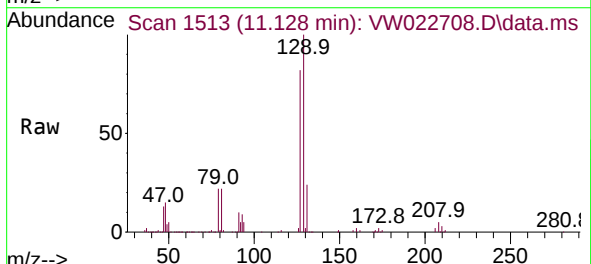
Instrument :
MSVOA_W
ClientSampleId :

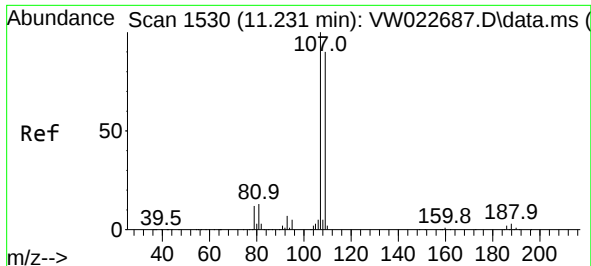
Tgt Ion: 43 Resp: 87102
Ion Ratio Lower Upper
43 100
58 54.9 41.6 62.4
57 20.1 14.5 21.7
100 14.9 9.3 13.9#



#49
Dibromochloromethane
Concen: 27.724 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW022708.D
Acq: 29 Apr 2022 18:33

Tgt Ion:129 Resp: 109995
Ion Ratio Lower Upper
129 100
127 82.1 52.6 97.6

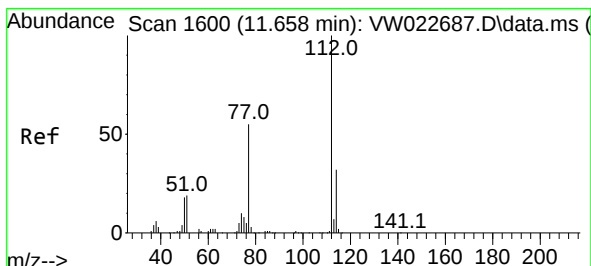
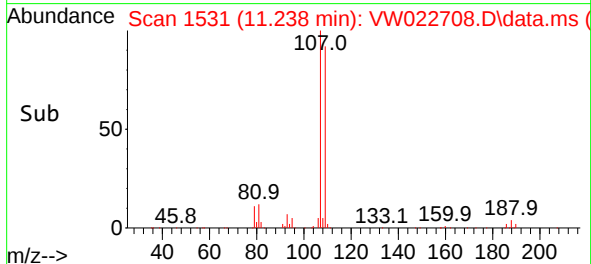
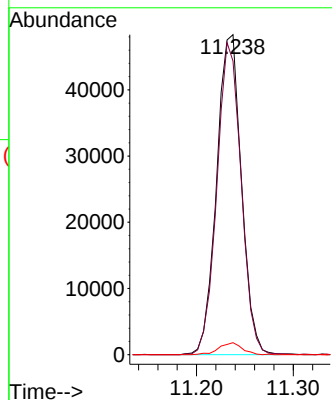
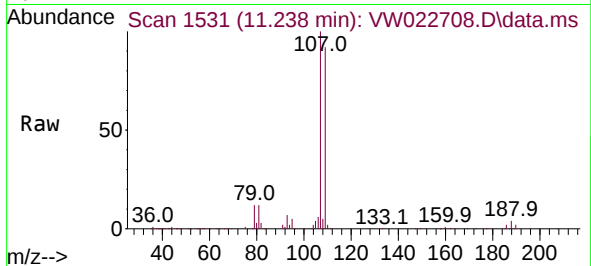




#50
1,2-Dibromoethane
Concen: 26.223 ug/L
RT: 11.238 min Scan# 1530
Delta R.T. 0.006 min
Lab File: VW022708.D
Acq: 29 Apr 2022 18:33

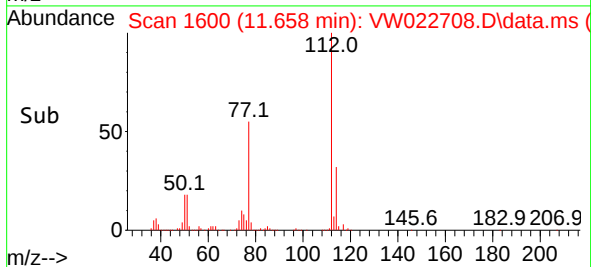
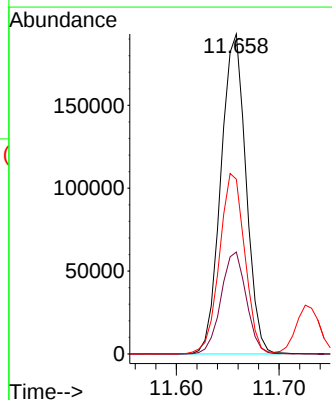
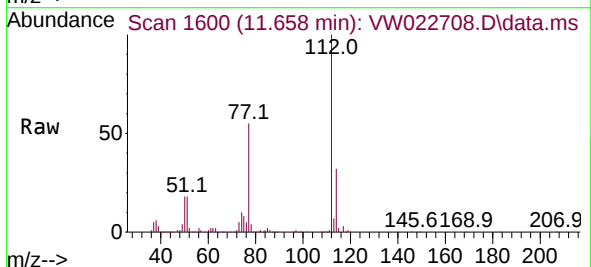
Instrument :
MSVOA_W
ClientSampleId :

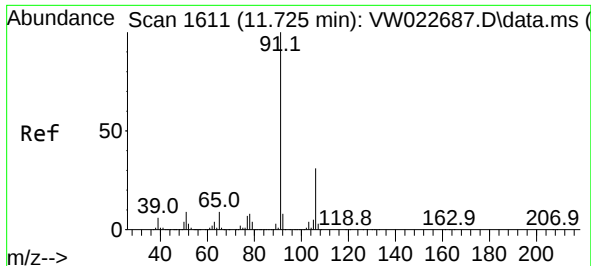
Tgt Ion:107 Resp: 86140
Ion Ratio Lower Upper
107 100
109 91.7 68.2 126.6
188 3.7 2.8 4.2



#51
Chlorobenzene
Concen: 25.650 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW022708.D
Acq: 29 Apr 2022 18:33

Tgt Ion:112 Resp: 326806
Ion Ratio Lower Upper
112 100
114 31.9 20.5 38.1
77 54.6 48.1 72.1





#52

Ethylbenzene

Concen: 23.737 ug/L

RT: 11.731 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW022708.D

Acq: 29 Apr 2022 18:33

Instrument :

MSVOA_W

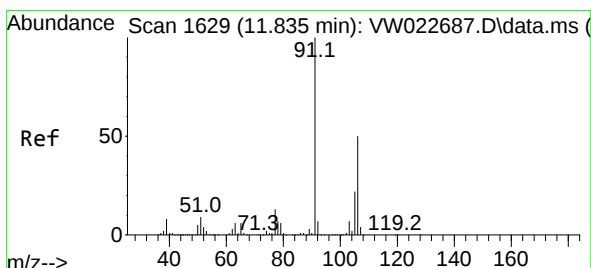
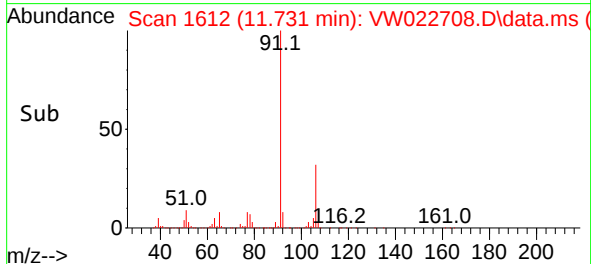
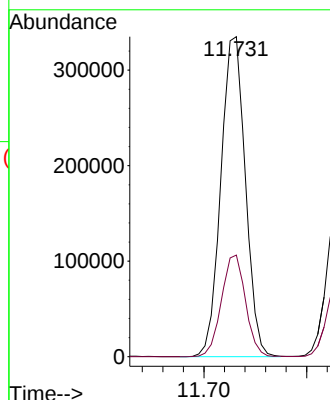
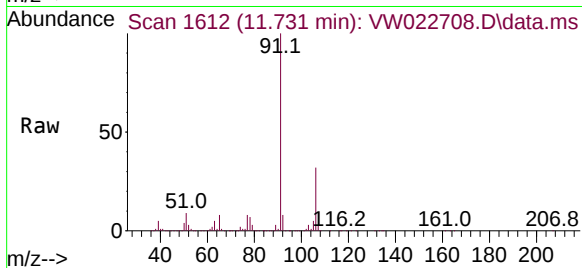
ClientSampleId :

Tgt Ion: 91 Resp: 554734

Ion Ratio Lower Upper

91 100

106 31.7 20.5 38.1



#53

m,p-Xylene

Concen: 24.690 ug/L

RT: 11.835 min Scan# 1629

Delta R.T. 0.000 min

Lab File: VW022708.D

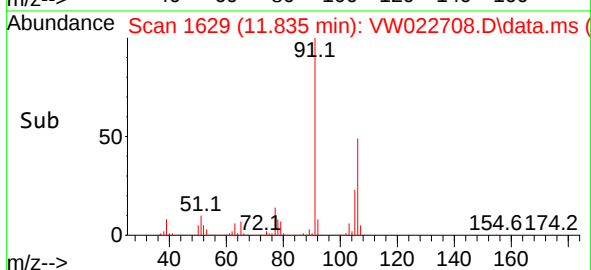
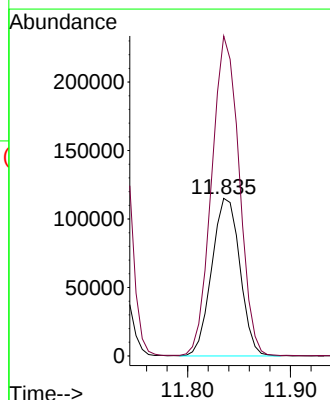
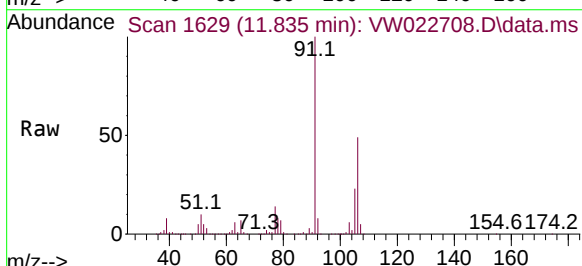
Acq: 29 Apr 2022 18:33

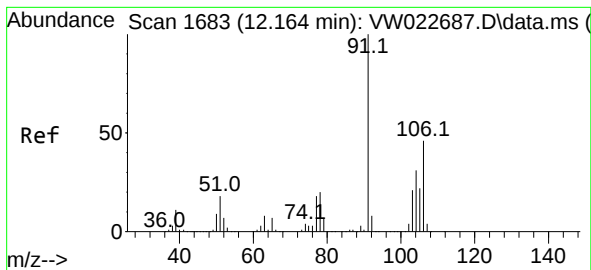
Tgt Ion:106 Resp: 219396

Ion Ratio Lower Upper

106 100

91 203.1 149.9 278.5





#54

o-Xylene

Concen: 25.239 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022708.D

Acq: 29 Apr 2022 18:33

Instrument :

MSVOA_W

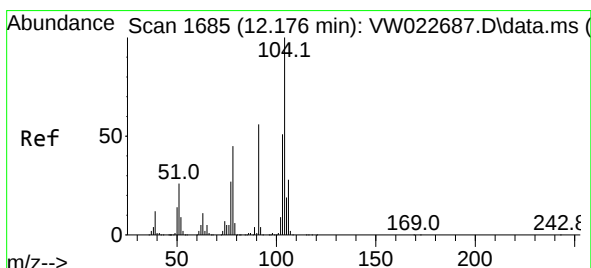
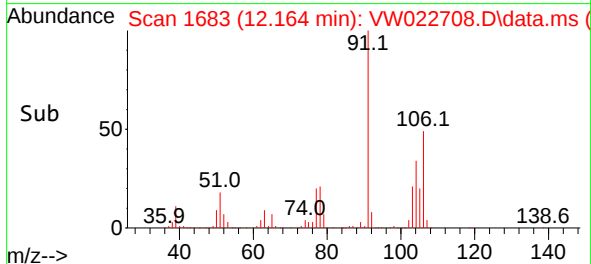
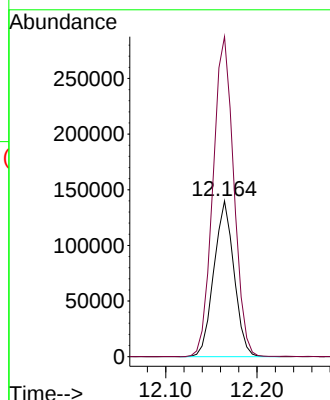
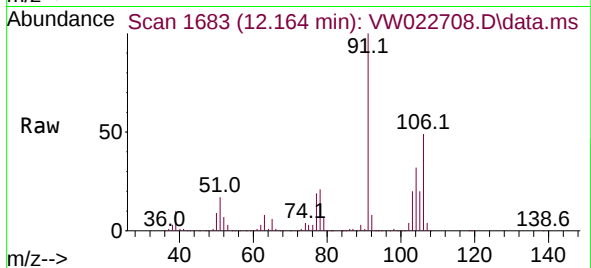
ClientSampleId :

Tgt Ion:106 Resp: 214314

Ion Ratio Lower Upper

106 100

91 205.5 155.3 288.3



#55

Styrene

Concen: 25.434 ug/L

RT: 12.177 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VW022708.D

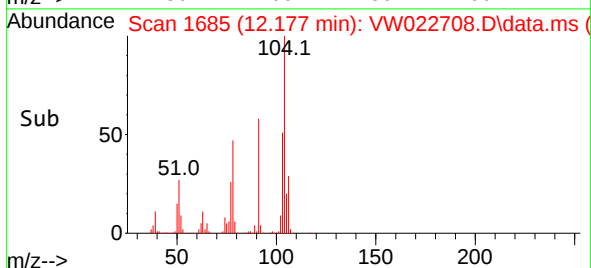
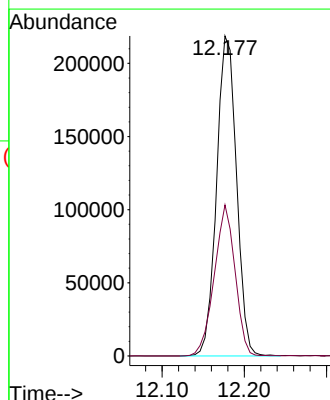
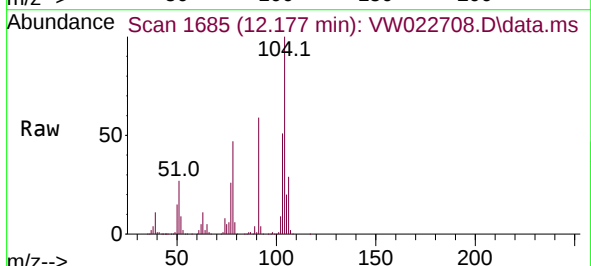
Acq: 29 Apr 2022 18:33

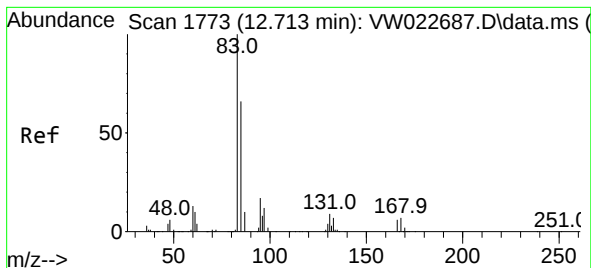
Tgt Ion:104 Resp: 368992

Ion Ratio Lower Upper

104 100

78 47.2 34.4 64.0

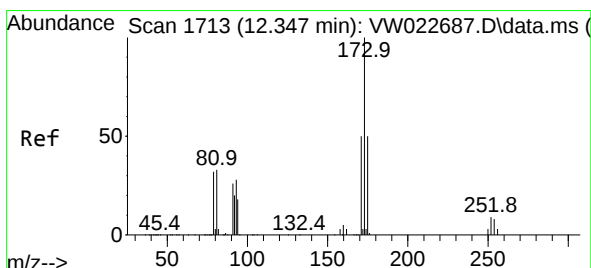
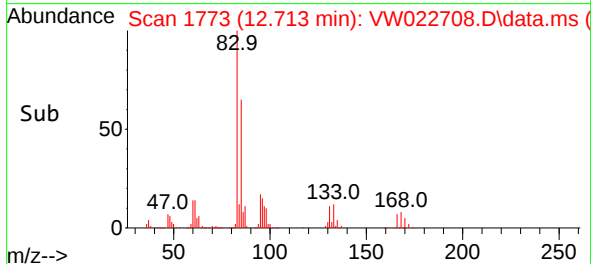
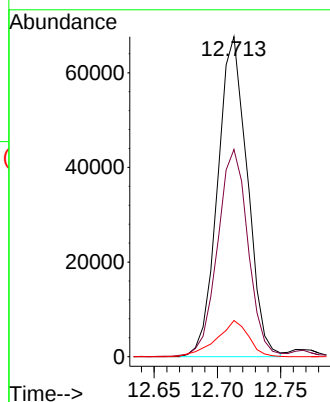
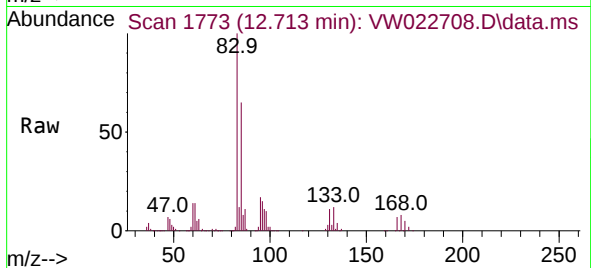




#57
1,1,2,2-Tetrachloroethane
Concen: 27.035 ug/L
RT: 12.713 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW022708.D
Acq: 29 Apr 2022 18:33

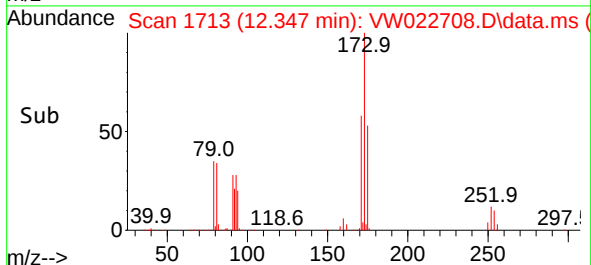
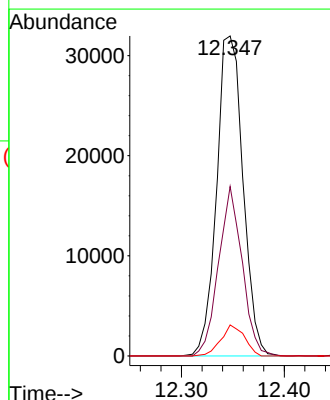
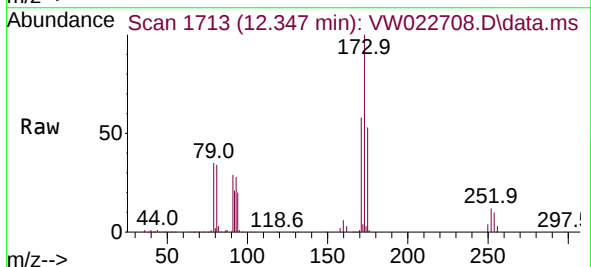
Instrument :
MSVOA_W
ClientSampleId :

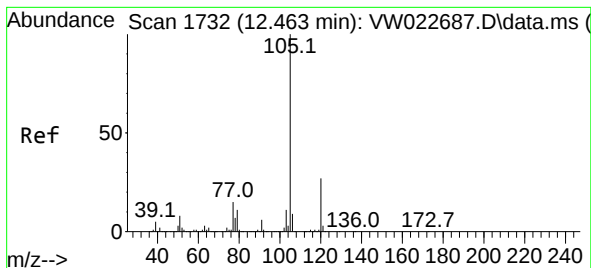
Tgt Ion: 83 Resp: 110387
Ion Ratio Lower Upper
83 100
85 64.7 45.5 84.5
131 11.3 7.8 11.8



#59
Bromoform
Concen: 25.284 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW022708.D
Acq: 29 Apr 2022 18:33

Tgt Ion: 173 Resp: 56934
Ion Ratio Lower Upper
173 100
175 47.5 39.2 58.8
254 8.7 6.6 9.8





#60

Isopropylbenzene

Concen: 22.772 ug/L

RT: 12.463 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022708.D

Acq: 29 Apr 2022 18:33

Instrument :

MSVOA_W

ClientSampleId :

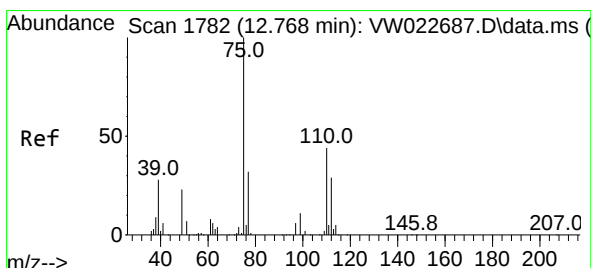
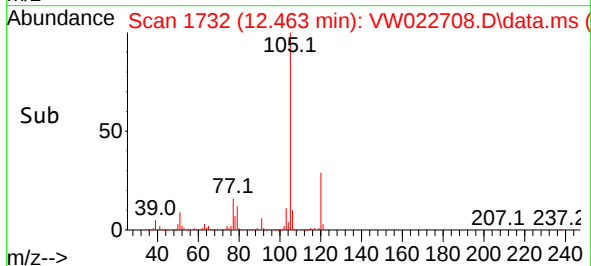
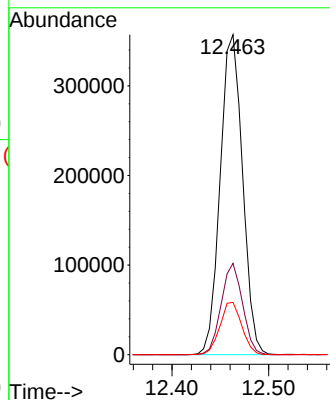
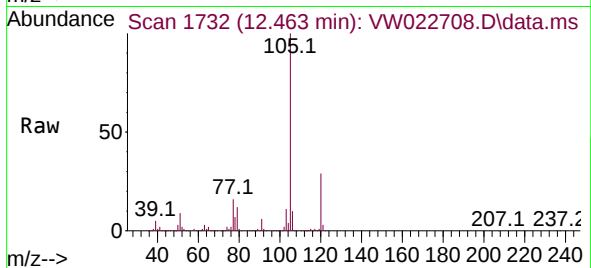
Tgt Ion:105 Resp: 573234

Ion Ratio Lower Upper

105 100

120 27.3 20.9 31.3

77 16.0 13.7 20.5



#61

1,2,3-Trichloropropane

Concen: 24.859 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VW022708.D

Acq: 29 Apr 2022 18:33

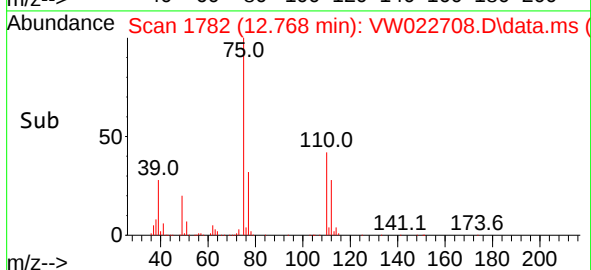
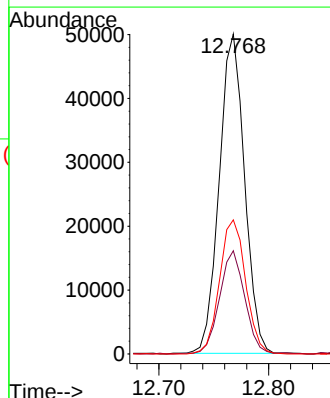
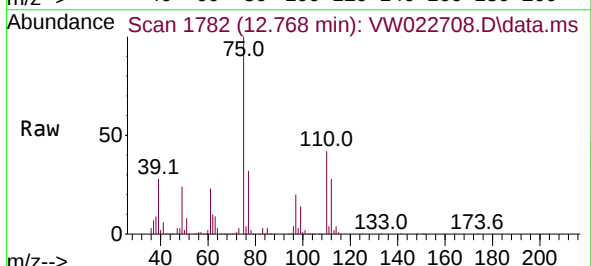
Tgt Ion: 75 Resp: 80134

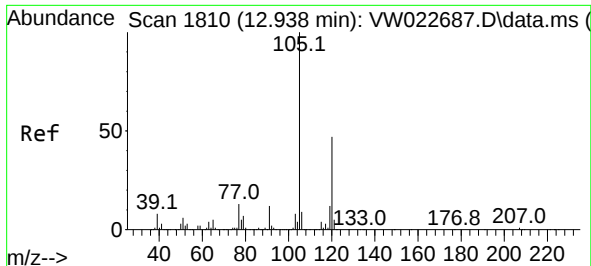
Ion Ratio Lower Upper

75 100

77 32.1 25.7 38.5

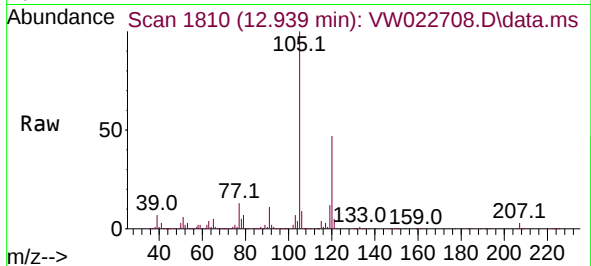
110 43.3 31.8 47.6



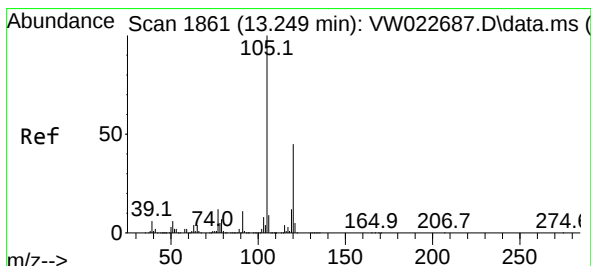
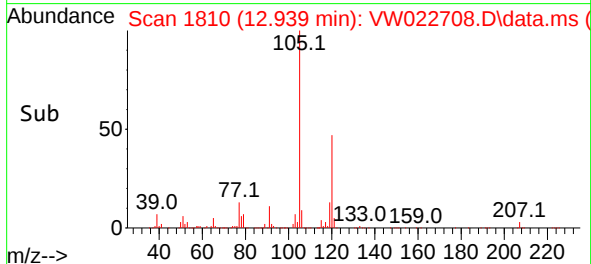
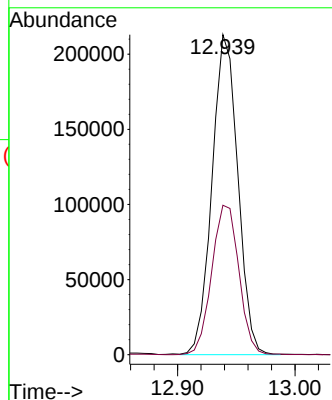


#62
1,3,5-Trimethylbenzene
Concen: 23.517 ug/L
RT: 12.939 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW022708.D
Acq: 29 Apr 2022 18:33

Instrument :
MSVOA_W
ClientSampleId :

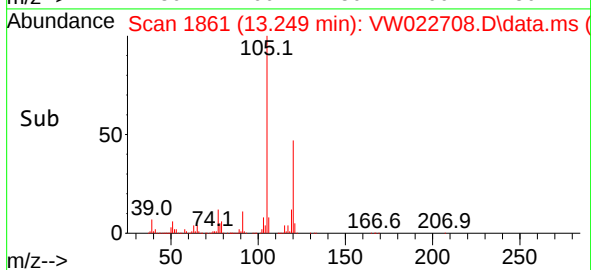
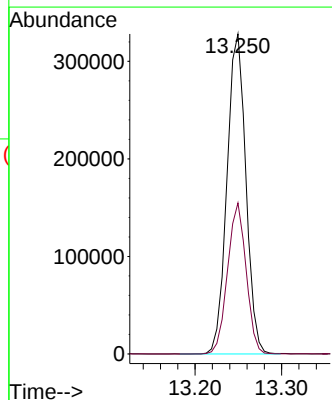
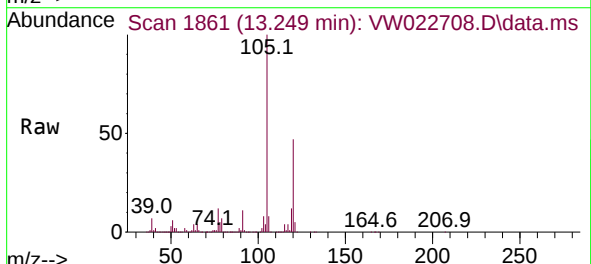


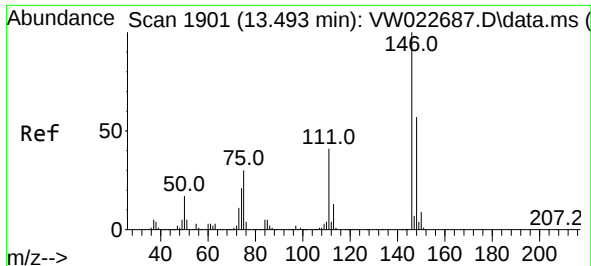
Tgt Ion:105 Resp: 325563
Ion Ratio Lower Upper
105 100
120 49.1 37.5 56.3



#63
1,2,4-Trimethylbenzene
Concen: 23.573 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW022708.D
Acq: 29 Apr 2022 18:33

Tgt Ion:105 Resp: 496264
Ion Ratio Lower Upper
105 100
120 46.4 34.2 51.2

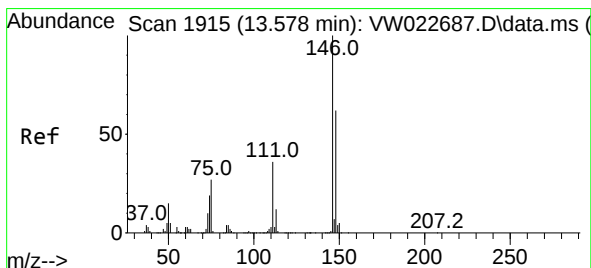
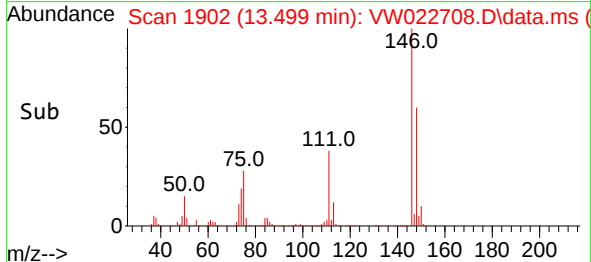
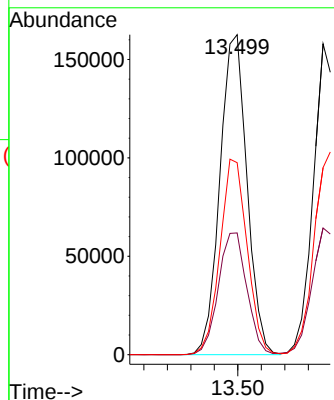
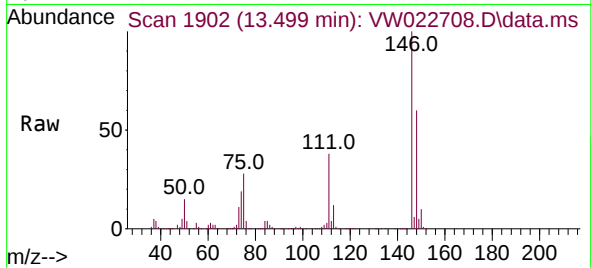




#64
1,3-Dichlorobenzene
Concen: 25.495 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.006 min
Lab File: VW022708.D
Acq: 29 Apr 2022 18:33

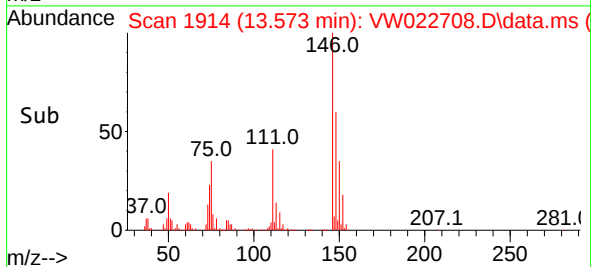
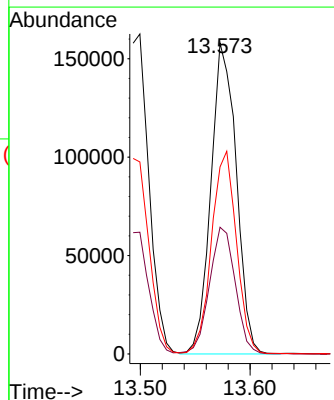
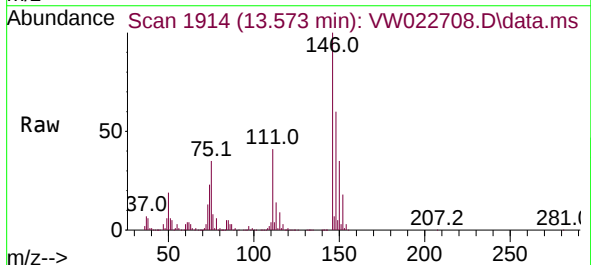
Instrument :
MSVOA_W
ClientSampleId :

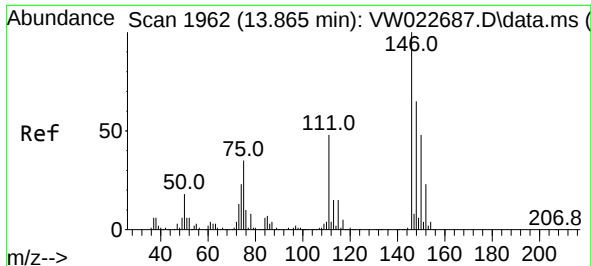
Tgt Ion:146 Resp: 260462
Ion Ratio Lower Upper
146 100
111 38.1 28.2 52.4
148 60.0 41.9 77.7



#65
1,4-Dichlorobenzene
Concen: 24.985 ug/L
RT: 13.573 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VW022708.D
Acq: 29 Apr 2022 18:33

Tgt Ion:146 Resp: 254568
Ion Ratio Lower Upper
146 100
111 40.8 28.5 52.9
148 60.2 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 26.129 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW022708.D

Acq: 29 Apr 2022 18:33

Instrument :

MSVOA_W

ClientSampleId :

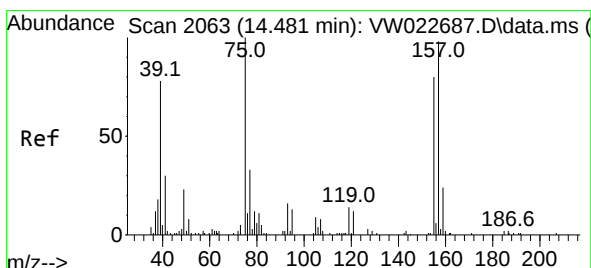
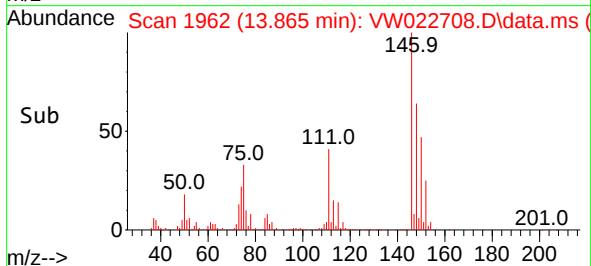
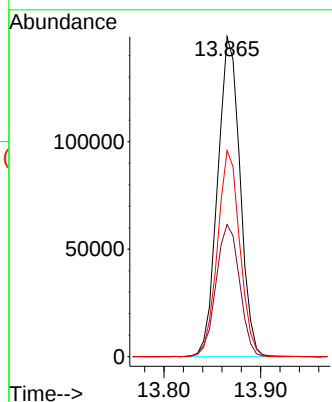
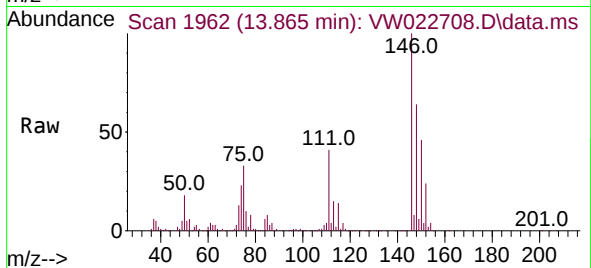
Tgt Ion:146 Resp: 238734

Ion Ratio Lower Upper

146 100

111 41.3 39.0 58.4

148 64.5 52.1 78.1



#68

1,2-Dibromo-3-chloropropane

Concen: 21.975 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW022708.D

Acq: 29 Apr 2022 18:33

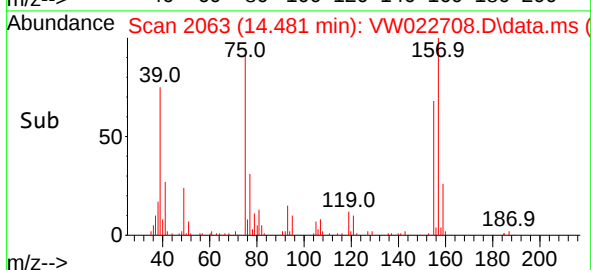
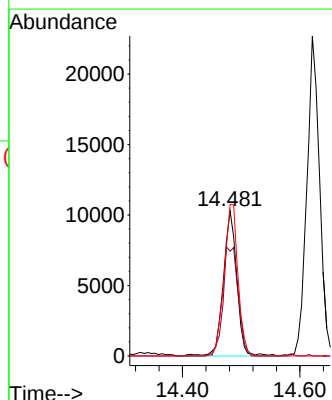
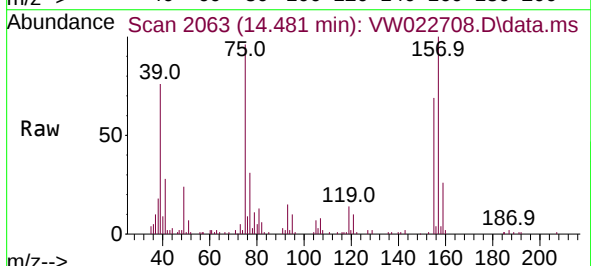
Tgt Ion: 75 Resp: 16429

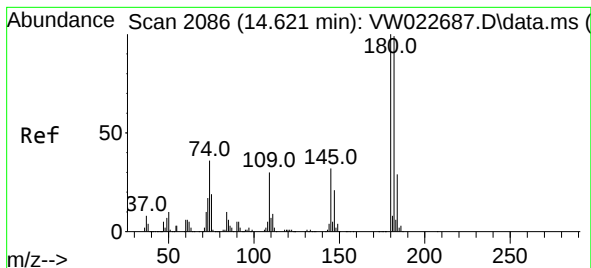
Ion Ratio Lower Upper

75 100

155 72.4 55.6 83.4

157 104.7 69.8 104.6#





#69

1,3,5-Trichlorobenzene

Concen: 25.230 ug/L

RT: 14.621 min Scan# 2086

Delta R.T. 0.000 min

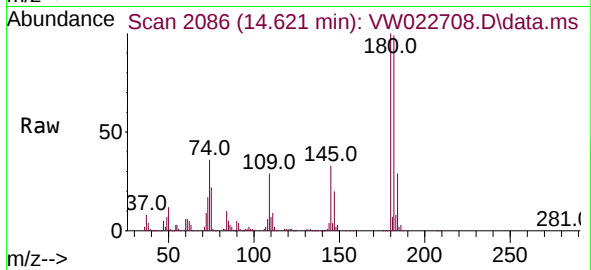
Lab File: VW022708.D

Acq: 29 Apr 2022 18:33

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 168174

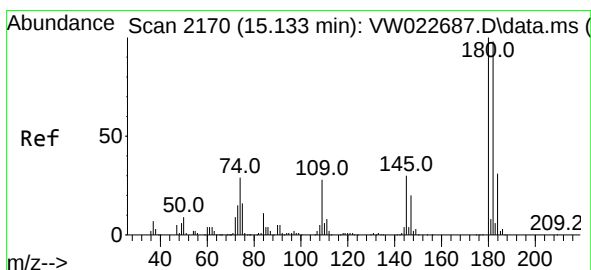
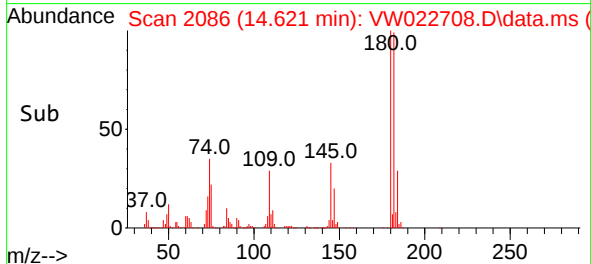
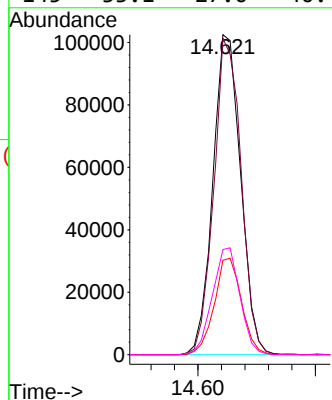
Ion Ratio Lower Upper

180 100

182 96.9 79.1 118.7

184 29.7 24.5 36.7

145 33.1 27.0 40.4



#70

1,2,4-trichlorobenzene

Concen: 24.159 ug/L

RT: 15.133 min Scan# 2170

Delta R.T. 0.000 min

Lab File: VW022708.D

Acq: 29 Apr 2022 18:33

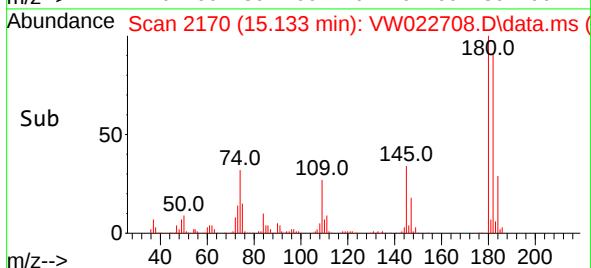
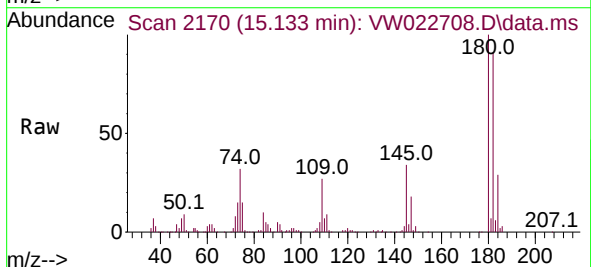
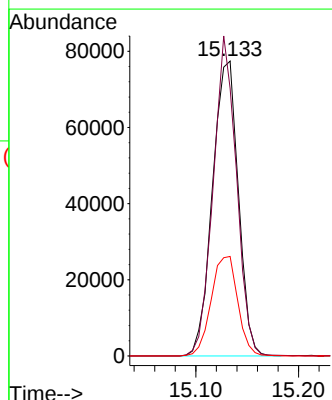
Tgt Ion:180 Resp: 135243

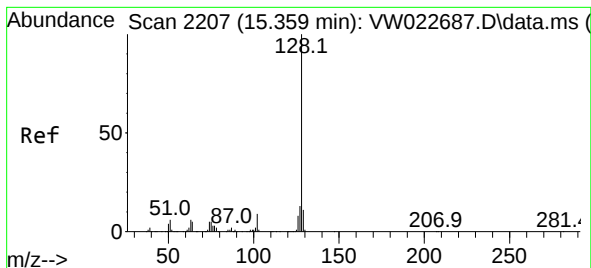
Ion Ratio Lower Upper

180 100

182 97.6 72.8 109.2

145 34.7 25.5 38.3





#71

Naphthalene

Concen: 25.670 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. 0.000 min

Lab File: VW022708.D

Acq: 29 Apr 2022 18:33

Instrument :

MSVOA_W

ClientSampleId :

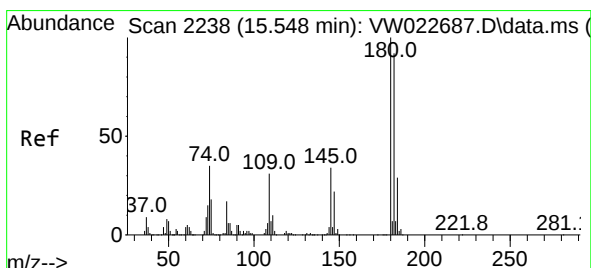
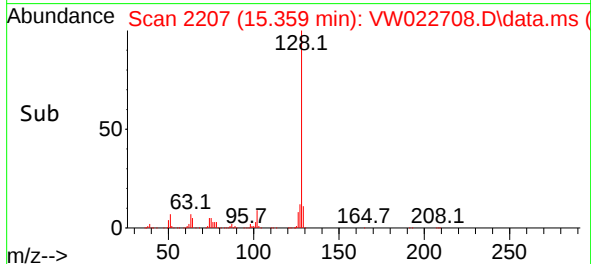
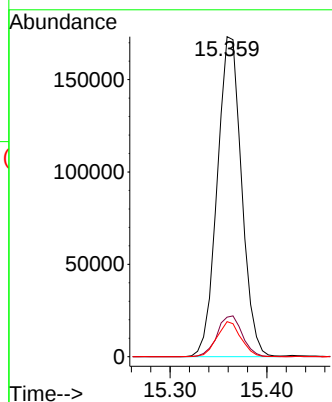
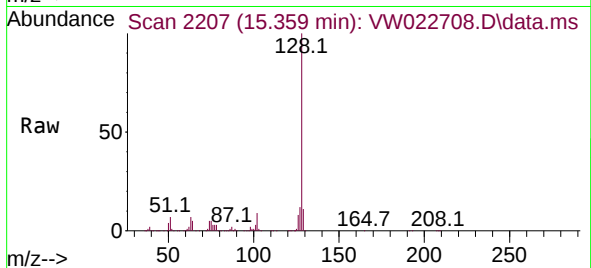
Tgt Ion:128 Resp: 303100

Ion Ratio Lower Upper

128 100

127 13.2 10.6 15.8

129 10.8 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 25.418 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. 0.000 min

Lab File: VW022708.D

Acq: 29 Apr 2022 18:33

Tgt Ion:180 Resp: 121628

Ion Ratio Lower Upper

180 100

182 95.0 73.4 110.0

145 35.3 27.0 40.6

