

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041923\
 Data File : VW030658.D
 Acq On : 19 Apr 2023 11:14
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 20 01:21:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 18 02:45:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	243167	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	236236	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	133358	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	61610	34.562	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	69.120%		
7) Chloroethane-d5	1.535	69	56145	37.585	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	75.160%		
11) 1,1-Dichloroethene-d2	2.063	65	31698	37.496	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	75.000%		
21) 2-Butanone-d5	3.796	46	115872	118.344	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	118.340%		
24) Chloroform-d	4.256	84	151542	46.910	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.820%		
26) 1,2-Dichloroethane-d4	4.950	65	98372	47.364	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.720%		
32) Benzene-d6	4.966	84	257980	46.189	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.380%		
36) 1,2-Dichloropropane-d6	5.995	67	82353	47.467	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.940%		
41) Toluene-d8	7.249	98	237747	45.337	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.680%		
43) trans-1,3-Dichloroprop...	7.558	79	42137	48.187	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	96.380%		
47) 2-Hexanone-d5	8.030	63	76206	111.500	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	111.500%		
56) 1,1,2,2-Tetrachloroeth...	10.159	84	132369	52.580	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	105.160%		
66) 1,2-Dichlorobenzene-d4	11.567	152	105789	49.908	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.820%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.108	85	103158	49.342	ug/L	100
3) Chloromethane	1.217	50	126692	46.196	ug/L	100
5) Vinyl chloride	1.288	62	107510	48.624	ug/L	98
6) Bromomethane	1.490	94	46183	52.676	ug/L	99
8) Chloroethane	1.552	64	70197	46.288	ug/L	96
9) Trichlorofluoromethane	1.719	101	183835	51.300	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	94804	50.340	ug/L	99
12) 1,1-Dichloroethene	2.076	96	84269	49.492	ug/L	89
13) Acetone	2.121	43	158908	104.885	ug/L	100
14) Carbon disulfide	2.246	76	235566	48.982	ug/L	98
15) Methyl Acetate	2.378	43	106605	52.726	ug/L	98
16) Methylene chloride	2.452	84	95887	49.211	ug/L	97
17) trans-1,2-Dichloroethene	2.699	96	85072	49.492	ug/L	97
18) Methyl tert-butyl Ether	2.709	73	295892	53.742	ug/L	99
19) 1,1-Dichloroethane	3.117	63	175504	50.079	ug/L	99
20) cis-1,2-Dichloroethene	3.822	96	96941	51.845	ug/L	98
22) 2-Butanone	3.873	43	164720	105.205	ug/L	95
23) Bromochloromethane	4.156	128	53105	50.851	ug/L	97
25) Chloroform	4.285	83	185395	51.111	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041923\
 Data File : VW030658.D
 Acq On : 19 Apr 2023 11:14
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

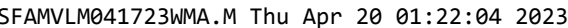
Instrument :
 MSVOA_V
 ClientSampleId :

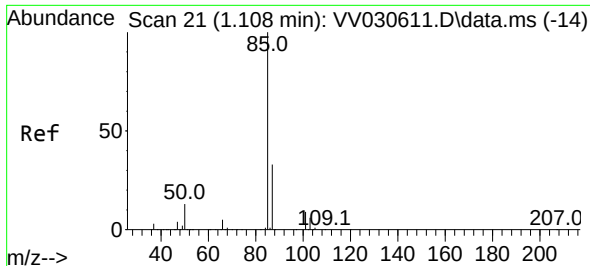
Quant Time: Apr 20 01:21:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 18 02:45:56 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	159659	51.997	ug/L	99
29) Cyclohexane	4.590	56	150093	52.944	ug/L	99
30) 1,1,1-Trichloroethane	4.519	97	172332	51.916	ug/L	98
31) Carbon tetrachloride	4.741	117	150666	50.766	ug/L	99
33) Benzene	5.018	78	382131	53.268	ug/L	100
34) Trichloroethene	5.838	95	96494	51.713	ug/L	99
35) Methylcyclohexane	6.059	83	155411	53.154	ug/L	98
37) 1,2-Dichloropropane	6.098	63	96909	50.190	ug/L	100
38) Bromodichloromethane	6.439	83	137671	50.757	ug/L	98
39) cis-1,3-Dichloropropene	6.960	75	153386	52.929	ug/L	98
40) 4-Methyl-2-pentanone	7.165	43	293805	108.930	ug/L	100
42) Toluene	7.320	91	414084	53.891	ug/L	99
44) trans-1,3-Dichloropropene	7.587	75	152935	53.715	ug/L	100
45) 1,1,2-Trichloroethane	7.773	97	96004	49.585	ug/L	99
46) Tetrachloroethene	7.911	164	85599	52.409	ug/L	98
48) 2-Hexanone	8.082	43	241046	108.311	ug/L	99
49) Dibromochloromethane	8.182	129	105824	49.552	ug/L	97
50) 1,2-Dibromoethane	8.288	107	101122	50.406	ug/L	100
51) Chlorobenzene	8.821	112	281735	55.363	ug/L	99
52) Ethylbenzene	8.953	91	457381	53.769	ug/L	99
53) m,p-Xylene	9.079	106	176280	54.863	ug/L	98
54) o-Xylene	9.487	106	169656	53.973	ug/L	98
55) Styrene	9.503	104	299519	54.246	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.185	83	159434	50.155	ug/L	99
59) Bromoform	9.670	173	87964	52.684	ug/L	100
60) Isopropylbenzene	9.873	105	465745	56.000	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	124660	52.191	ug/L	99
62) 1,3,5-Trimethylbenzene	10.484	105	387788	56.630	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	384823	56.284	ug/L	99
64) 1,3-Dichlorobenzene	11.124	146	223857	53.761	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	241058	54.900	ug/L	98
67) 1,2-Dichlorobenzene	11.587	146	227920	54.258	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.371	75	34335	48.520	ug/L	96
69) 1,3,5-Trichlorobenzene	12.590	180	167138	53.136	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	145024	54.302	ug/L	99
71) Naphthalene	13.448	128	385544	52.773	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	144843	54.694	ug/L	98

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

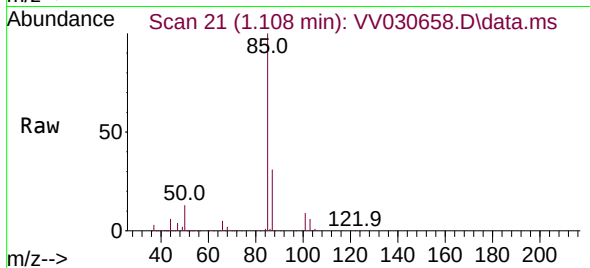
Quant Time: Apr 20 01:21:54 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 18 02:45:56 2023
Response via : Initial Calibration



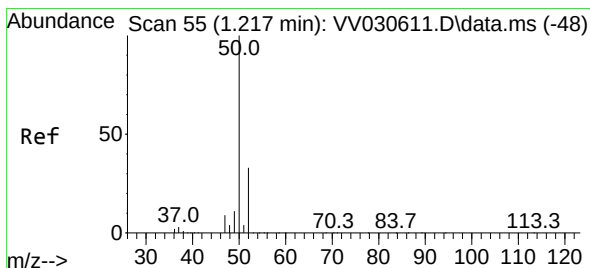
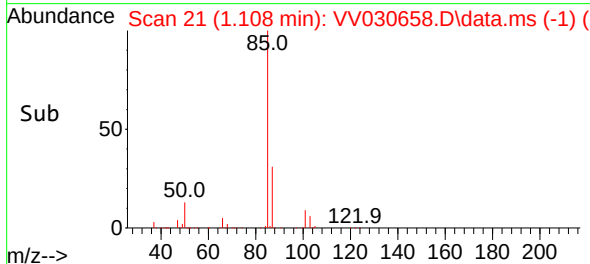
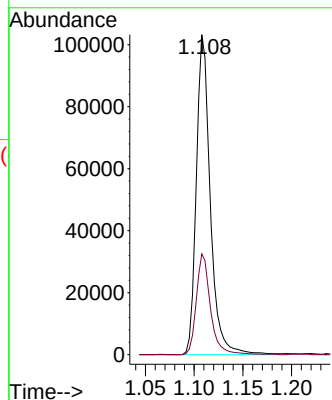


#2
 Dichlorodifluoromethane
 Concen: 49.342 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV030658.D
 Acq: 19 Apr 2023 11:14

Instrument :
 MSVOA_V
 ClientSampleId :

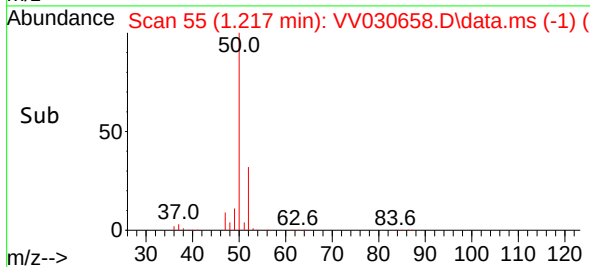
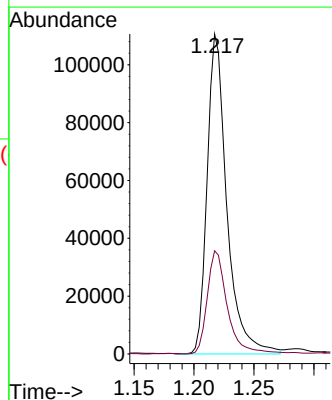
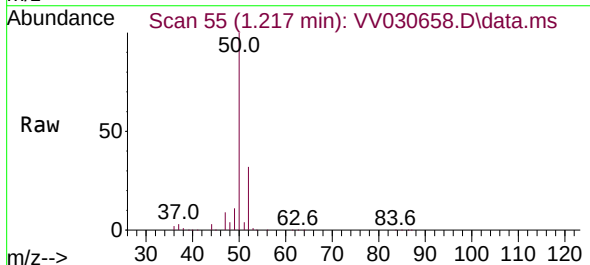


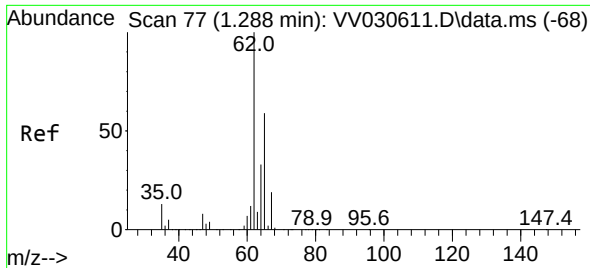
Tgt Ion: 85 Resp: 103158
 Ion Ratio Lower Upper
 85 100
 87 31.8 25.6 38.4



#3
 Chloromethane
 Concen: 46.196 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV030658.D
 Acq: 19 Apr 2023 11:14

Tgt Ion: 50 Resp: 126692
 Ion Ratio Lower Upper
 50 100
 52 32.3 22.5 41.9

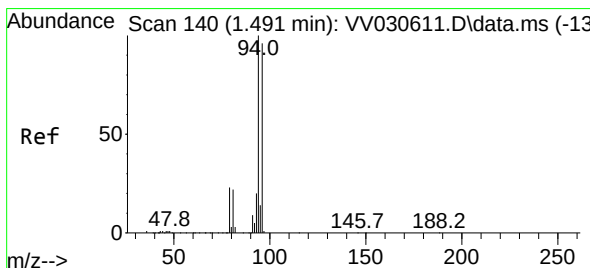
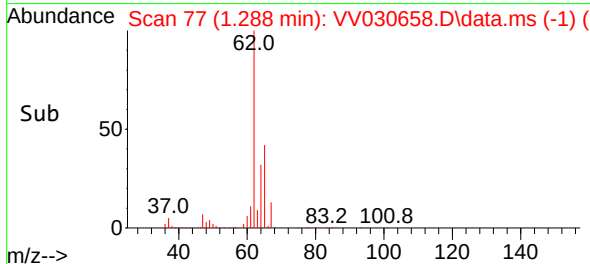
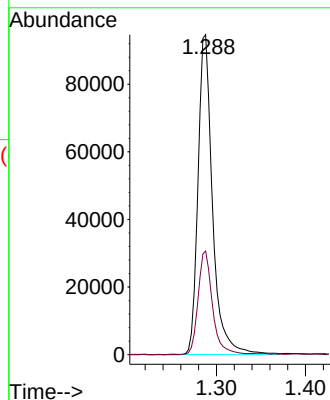
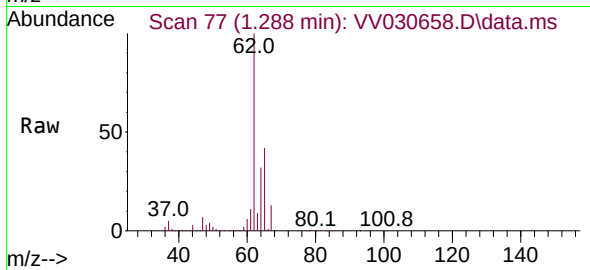




#5
 Vinyl chloride
 Concen: 48.624 ug/L
 RT: 1.288 min Scan# 77
 Delta R.T. -0.000 min
 Lab File: VV030658.D
 Acq: 19 Apr 2023 11:14

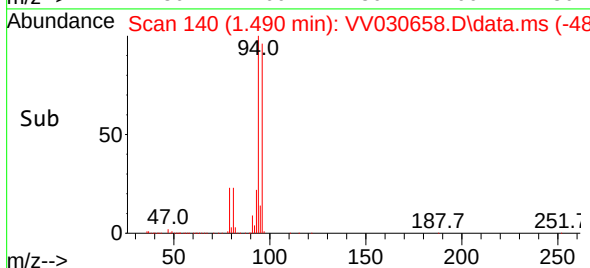
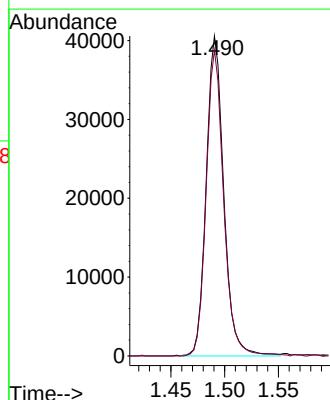
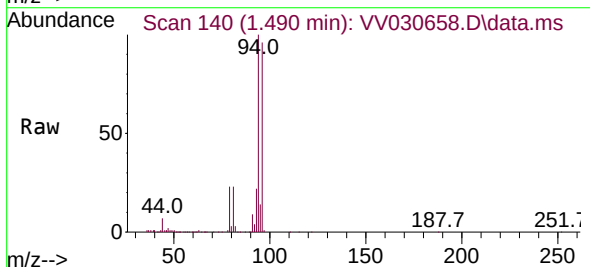
Instrument :
 MSVOA_V
 ClientSampleId :

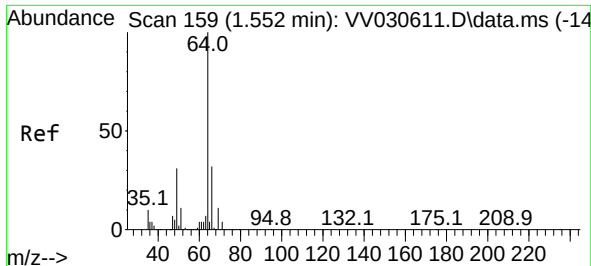
Tgt Ion: 62 Resp: 107510
 Ion Ratio Lower Upper
 62 100
 64 32.4 23.4 43.4



#6
 Bromomethane
 Concen: 52.676 ug/L
 RT: 1.490 min Scan# 140
 Delta R.T. -0.003 min
 Lab File: VV030658.D
 Acq: 19 Apr 2023 11:14

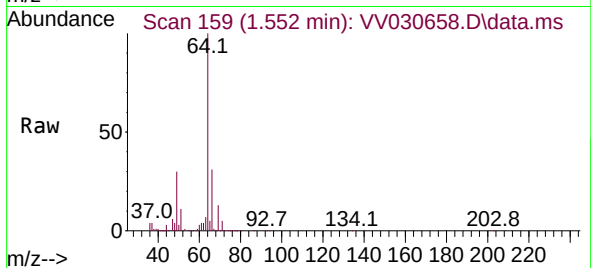
Tgt Ion: 94 Resp: 46183
 Ion Ratio Lower Upper
 94 100
 96 95.6 66.3 123.1



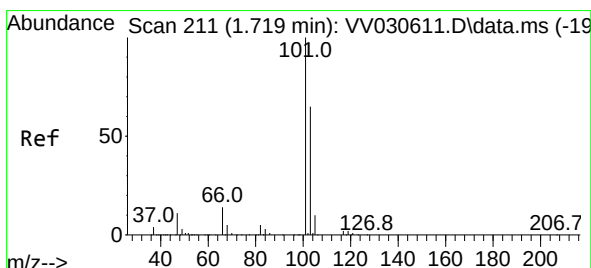
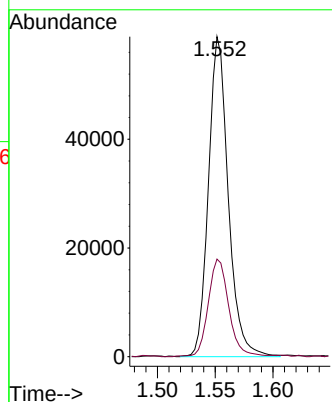
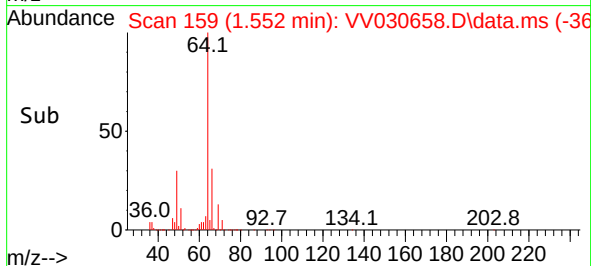


#8
Chloroethane
Concen: 46.288 ug/L
RT: 1.552 min Scan# 159
Delta R.T. -0.003 min
Lab File: VV030658.D
Acq: 19 Apr 2023 11:14

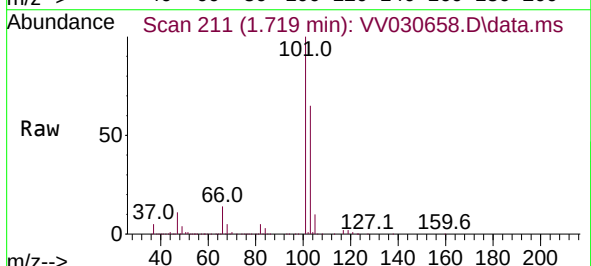
Instrument :
MSVOA_V
ClientSampleId :



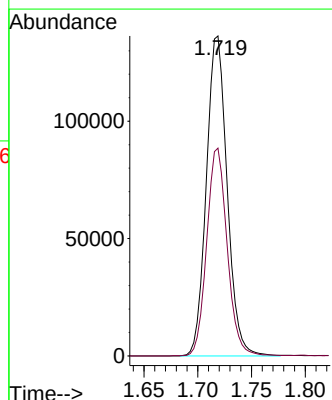
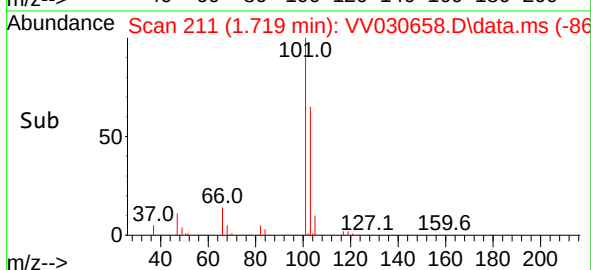
Tgt Ion: 64 Resp: 70197
Ion Ratio Lower Upper
64 100
66 30.5 22.7 42.3

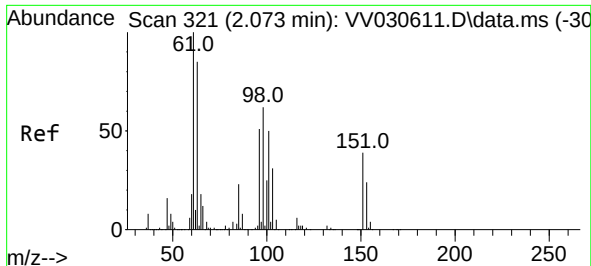


#9
Trichlorofluoromethane
Concen: 51.300 ug/L
RT: 1.719 min Scan# 211
Delta R.T. 0.003 min
Lab File: VV030658.D
Acq: 19 Apr 2023 11:14



Tgt Ion: 101 Resp: 183835
Ion Ratio Lower Upper
101 100
103 63.5 51.4 77.0

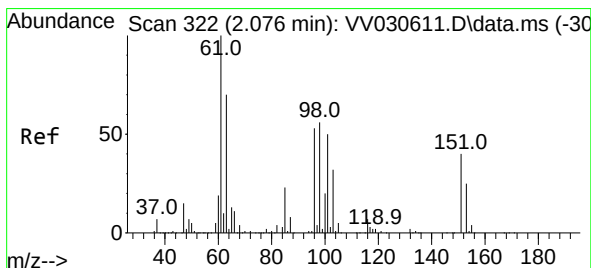
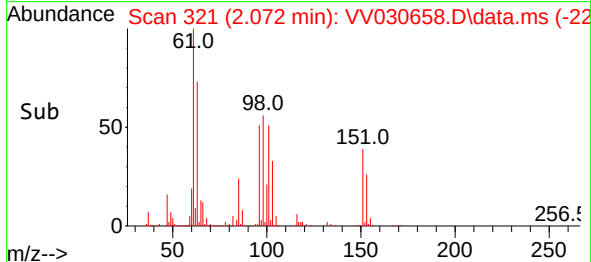
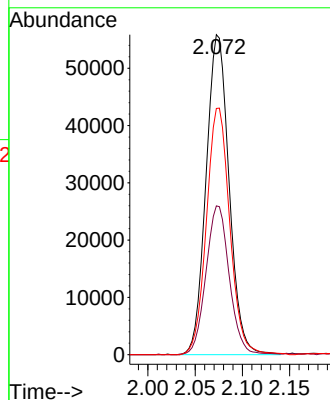
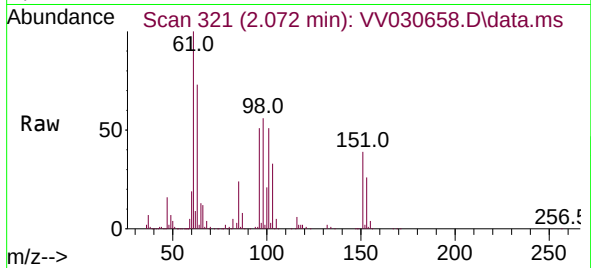




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 50.340 ug/L
 RT: 2.072 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV030658.D
 Acq: 19 Apr 2023 11:14

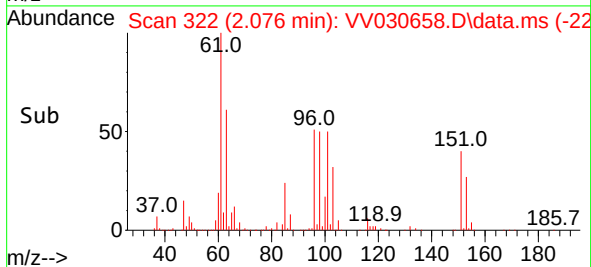
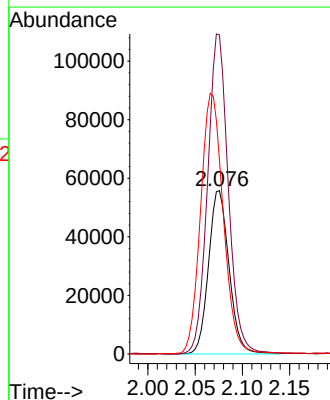
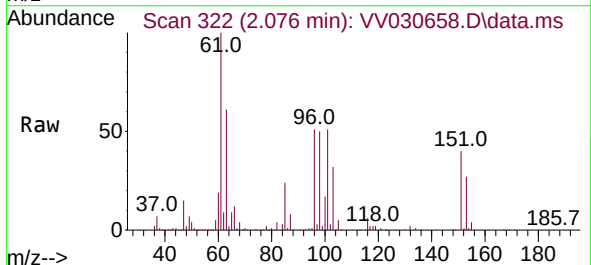
Instrument :
 MSVOA_V
 ClientSampleId :

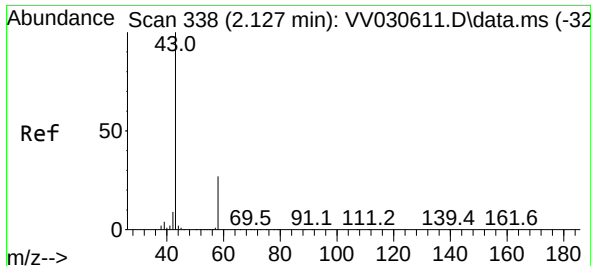
Tgt Ion:101 Resp: 94804
 Ion Ratio Lower Upper
 101 100
 85 47.1 37.5 56.3
 151 78.3 63.5 95.3



#12
 1,1-Dichloroethene
 Concen: 49.492 ug/L
 RT: 2.076 min Scan# 322
 Delta R.T. -0.000 min
 Lab File: VV030658.D
 Acq: 19 Apr 2023 11:14

Tgt Ion: 96 Resp: 84269
 Ion Ratio Lower Upper
 96 100
 61 195.2 131.9 245.0
 63 119.2 99.8 185.3





#13

Acetone

Concen: 104.885 ug/L

RT: 2.121 min Scan# 338

Delta R.T. -0.010 min

Lab File: VV030658.D

Acq: 19 Apr 2023 11:14

Instrument :

MSVOA_V

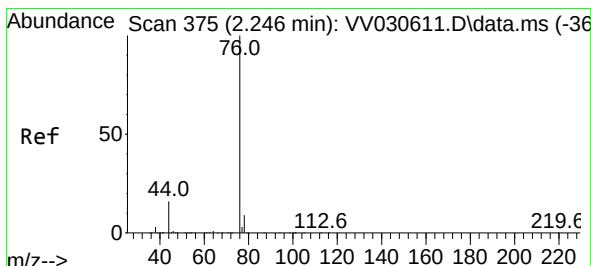
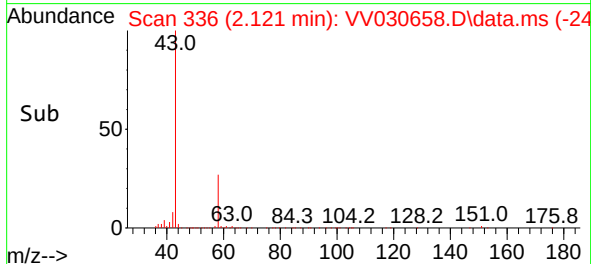
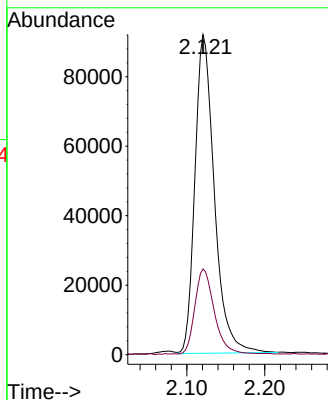
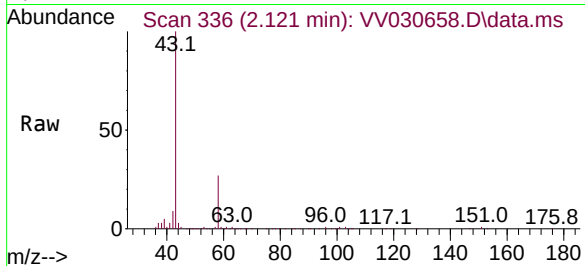
ClientSampleId :

Tgt Ion: 43 Resp: 158908

Ion Ratio Lower Upper

43 100

58 26.5 0.0 52.8



#14

Carbon disulfide

Concen: 48.982 ug/L

RT: 2.246 min Scan# 375

Delta R.T. -0.000 min

Lab File: VV030658.D

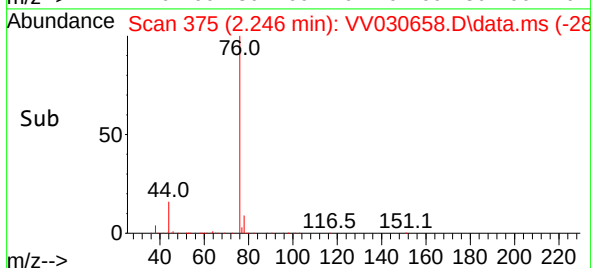
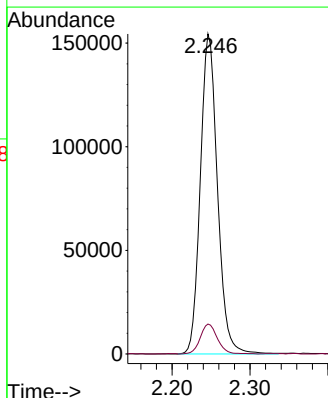
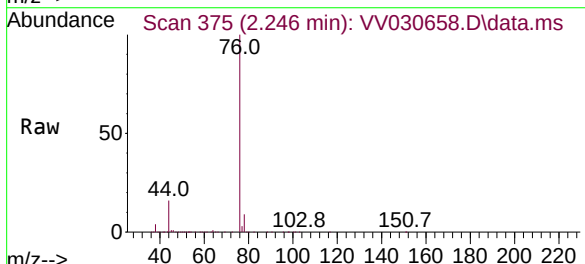
Acq: 19 Apr 2023 11:14

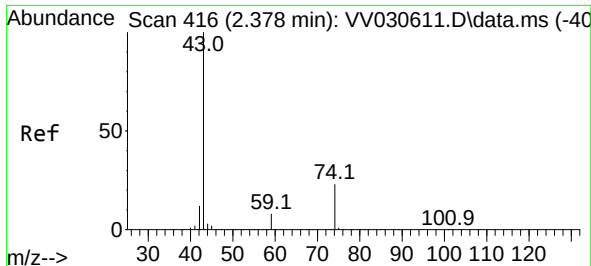
Tgt Ion: 76 Resp: 235566

Ion Ratio Lower Upper

76 100

78 9.3 7.0 10.4

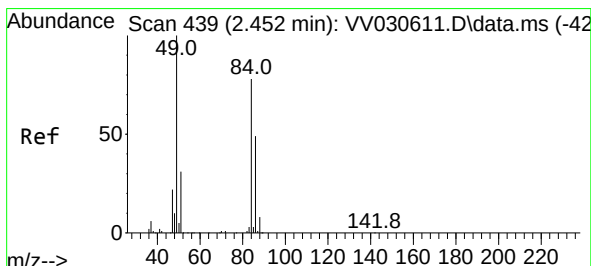
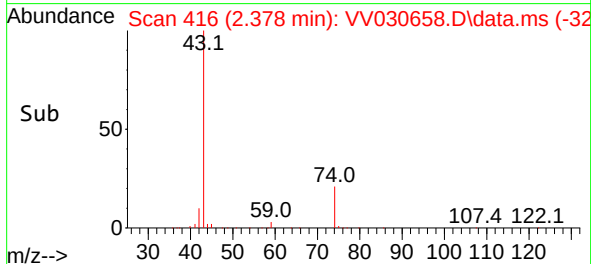
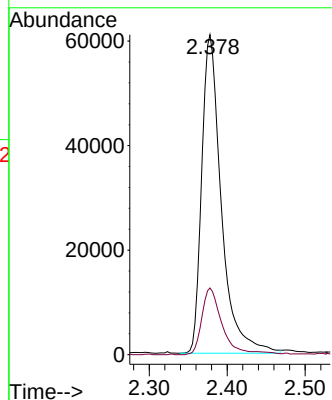
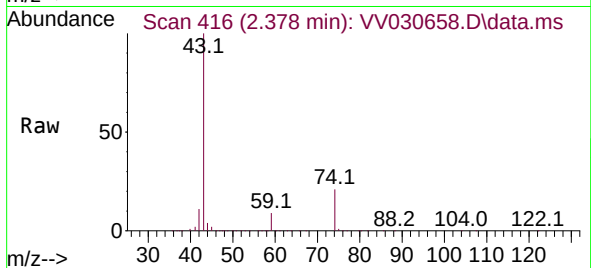




#15
Methyl Acetate
Concen: 52.726 ug/L
RT: 2.378 min Scan# 416
Delta R.T. -0.003 min
Lab File: VV030658.D
Acq: 19 Apr 2023 11:14

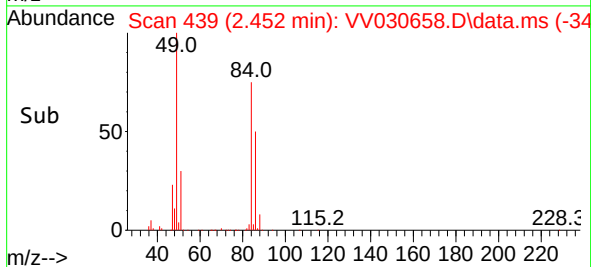
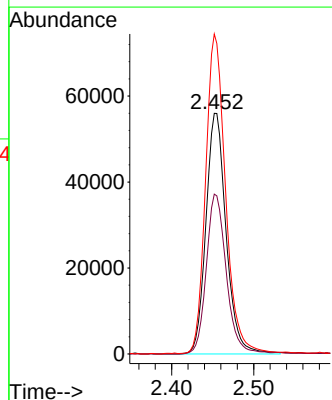
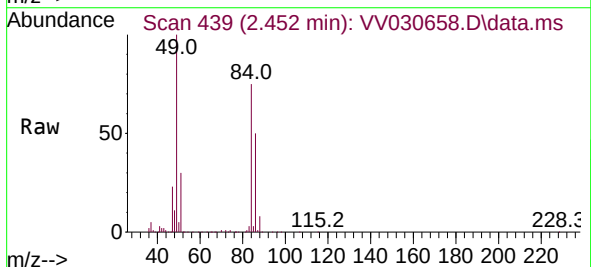
Instrument :
MSVOA_V
ClientSampleId :

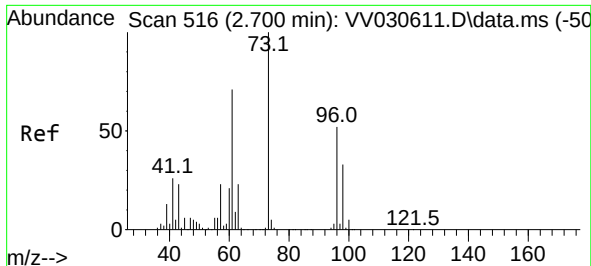
Tgt Ion: 43 Resp: 106605
Ion Ratio Lower Upper
43 100
74 21.0 17.7 26.5



#16
Methylene chloride
Concen: 49.211 ug/L
RT: 2.452 min Scan# 439
Delta R.T. -0.000 min
Lab File: VV030658.D
Acq: 19 Apr 2023 11:14

Tgt Ion: 84 Resp: 95887
Ion Ratio Lower Upper
84 100
86 66.4 45.4 84.2
49 133.0 90.4 168.0





#17

trans-1,2-Dichloroethene

Concen: 49.492 ug/L

RT: 2.699 min Scan# 516

Delta R.T. -0.000 min

Lab File: VV030658.D

Acq: 19 Apr 2023 11:14

Instrument :

MSVOA_V

ClientSampleId :

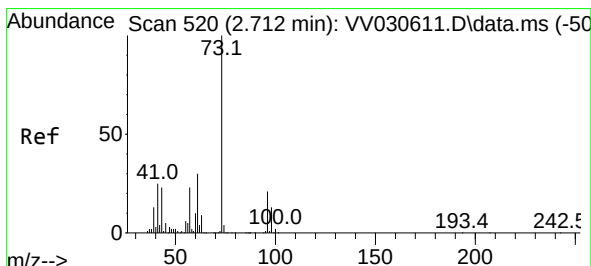
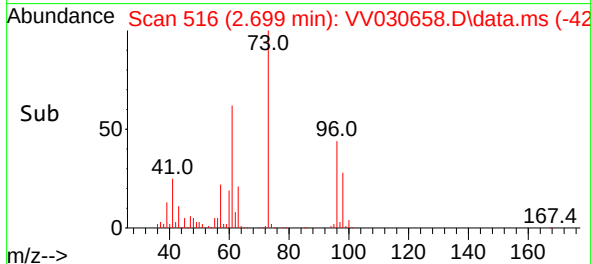
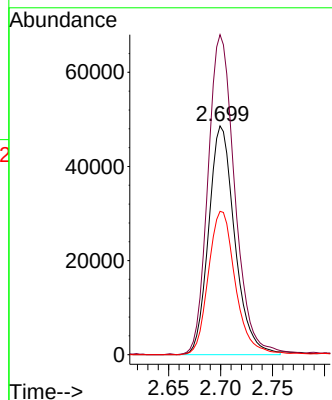
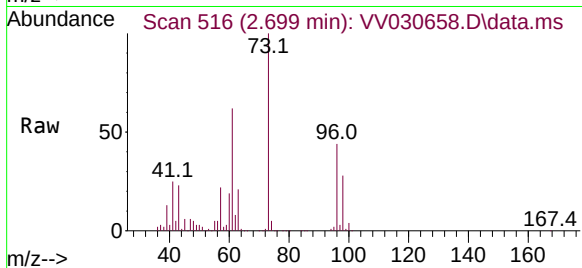
Tgt Ion: 96 Resp: 85072

Ion Ratio Lower Upper

96 100

61 139.8 101.0 187.6

98 62.7 45.4 84.2



#18

Methyl tert-butyl Ether

Concen: 53.742 ug/L

RT: 2.709 min Scan# 519

Delta R.T. -0.000 min

Lab File: VV030658.D

Acq: 19 Apr 2023 11:14

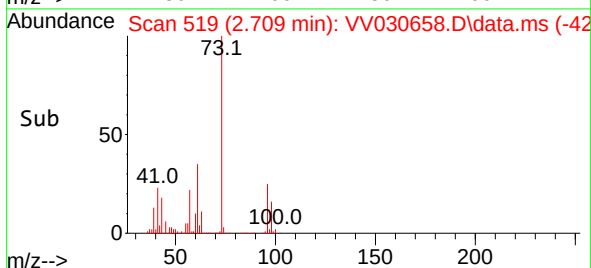
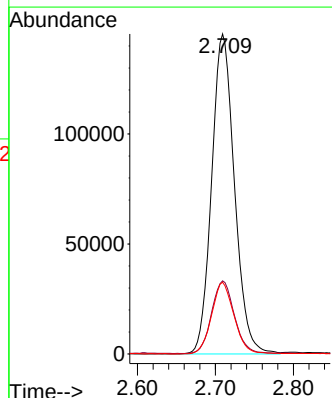
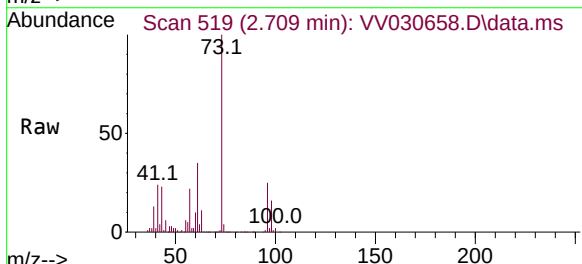
Tgt Ion: 73 Resp: 295892

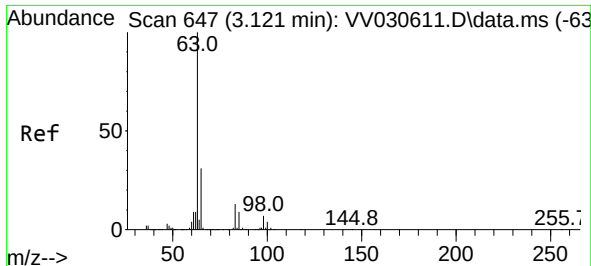
Ion Ratio Lower Upper

73 100

43 22.6 17.6 26.4

57 22.1 18.2 27.2





#19

1,1-Dichloroethane

Concen: 50.079 ug/L

RT: 3.117 min Scan# 64

Delta R.T. -0.000 min

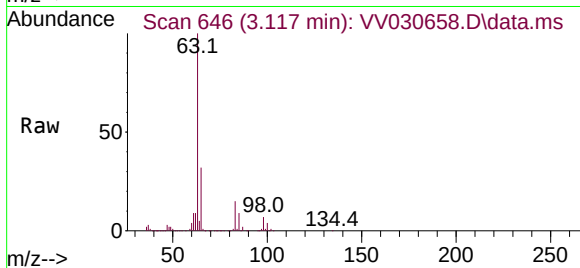
Lab File: VV030658.D

Acq: 19 Apr 2023 11:14

Instrument :

MSVOA_V

ClientSampleId :



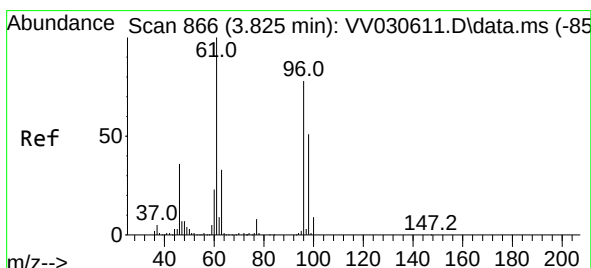
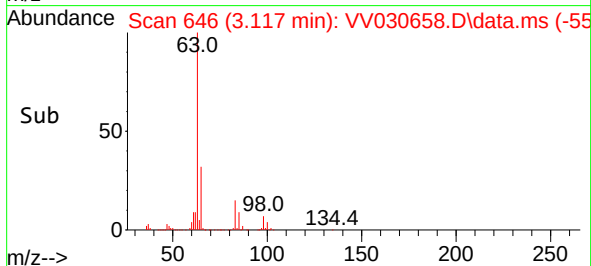
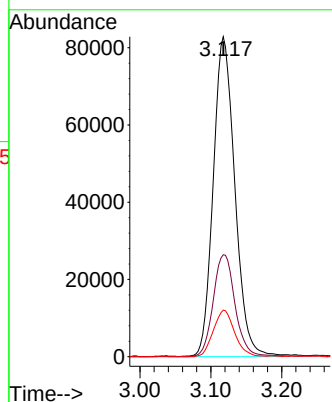
Tgt Ion: 63 Resp: 175504

Ion Ratio Lower Upper

63 100

65 31.8 21.8 40.6

83 14.5 10.2 19.0



#20

cis-1,2-Dichloroethene

Concen: 51.845 ug/L

RT: 3.822 min Scan# 865

Delta R.T. -0.000 min

Lab File: VV030658.D

Acq: 19 Apr 2023 11:14

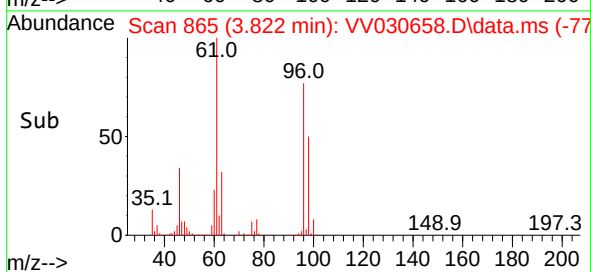
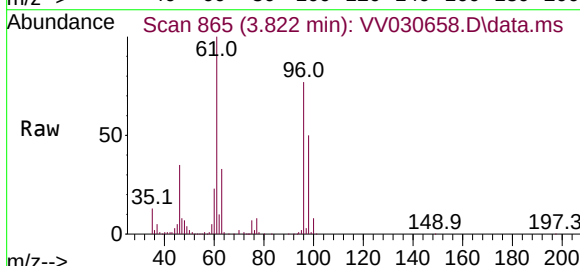
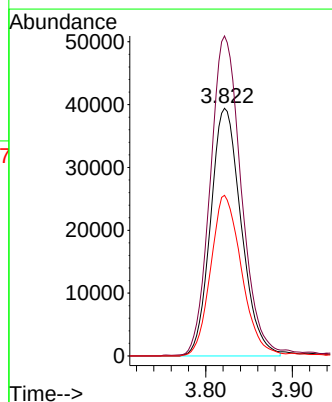
Tgt Ion: 96 Resp: 96941

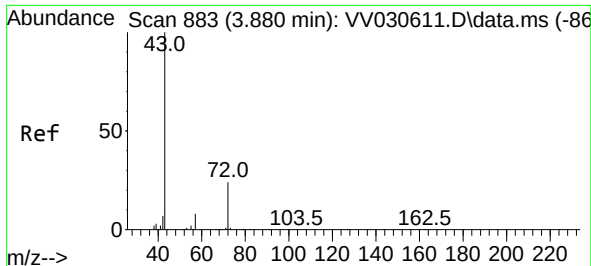
Ion Ratio Lower Upper

96 100

61 129.2 92.3 171.3

98 64.8 45.9 85.3

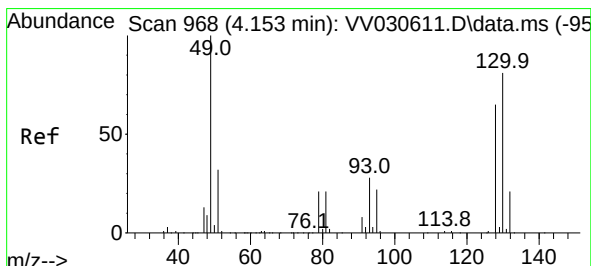
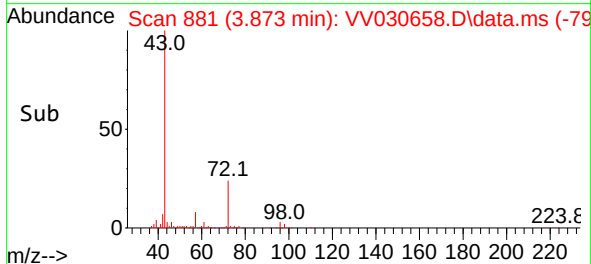
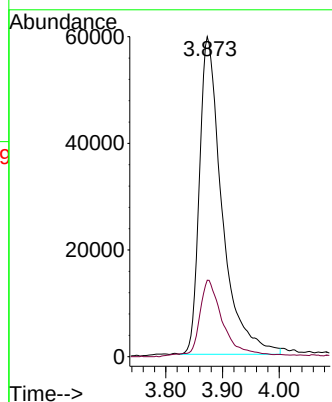
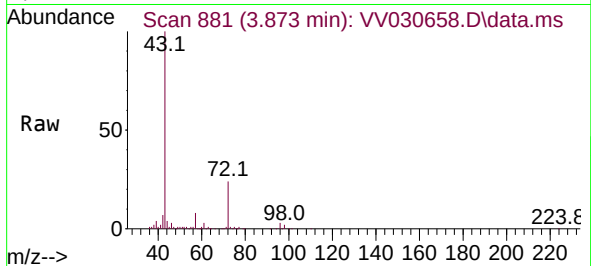




#22
2-Butanone
Concen: 105.205 ug/L
RT: 3.873 min Scan# 881
Delta R.T. -0.010 min
Lab File: VV030658.D
Acq: 19 Apr 2023 11:14

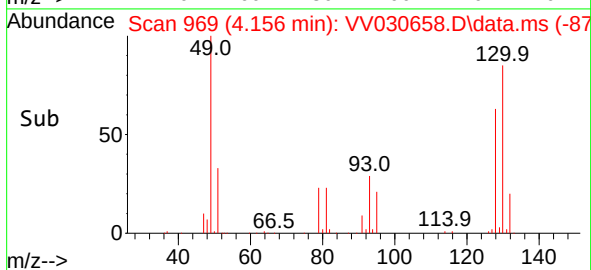
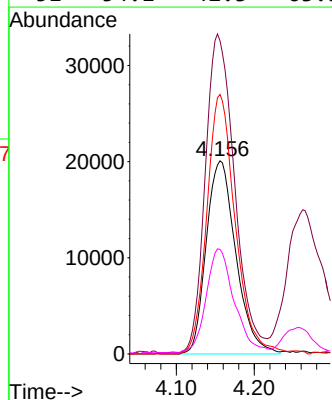
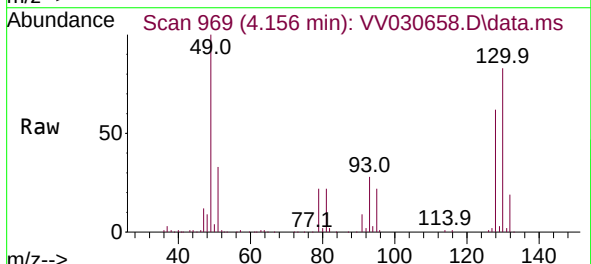
Instrument :
MSVOA_V
ClientSampleId :

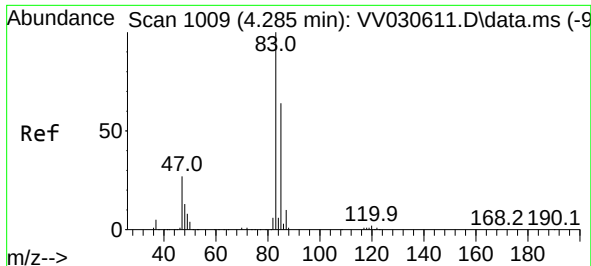
Tgt Ion: 43 Resp: 164720
Ion Ratio Lower Upper
43 100
72 25.3 11.5 34.4



#23
Bromochloromethane
Concen: 50.851 ug/L
RT: 4.156 min Scan# 969
Delta R.T. -0.000 min
Lab File: VV030658.D
Acq: 19 Apr 2023 11:14

Tgt Ion:128 Resp: 53105
Ion Ratio Lower Upper
128 100
49 162.0 114.7 213.1
130 134.3 89.0 165.2
51 54.1 42.3 63.5

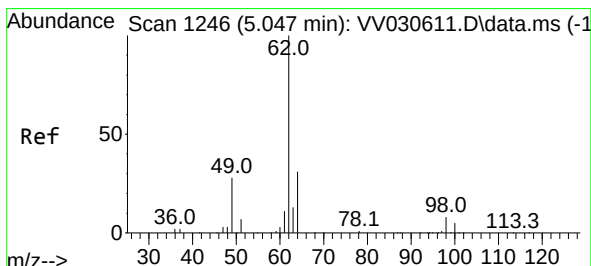
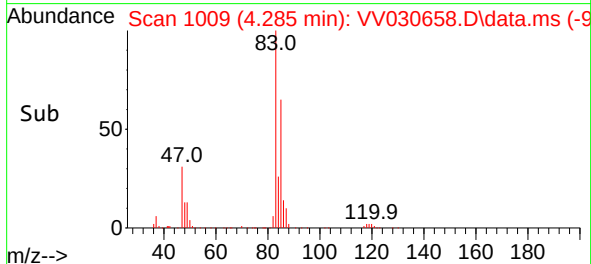
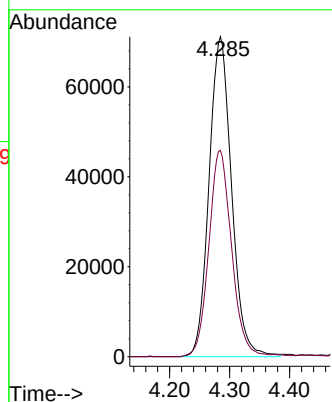
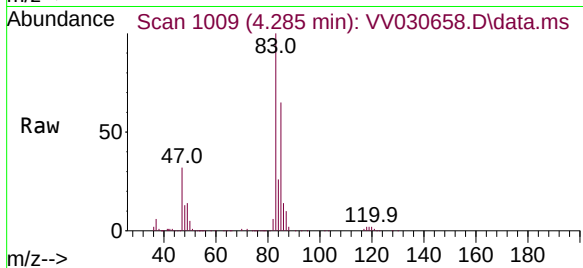




#25
Chloroform
Concen: 51.111 ug/L
RT: 4.285 min Scan# 1009
Delta R.T. -0.000 min
Lab File: VV030658.D
Acq: 19 Apr 2023 11:14

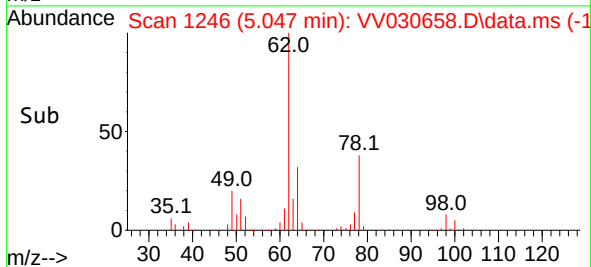
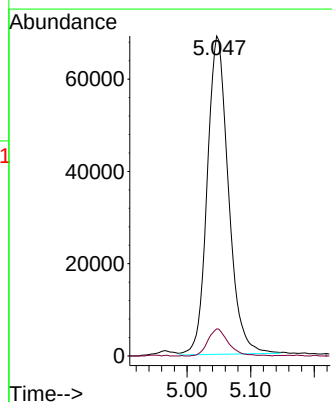
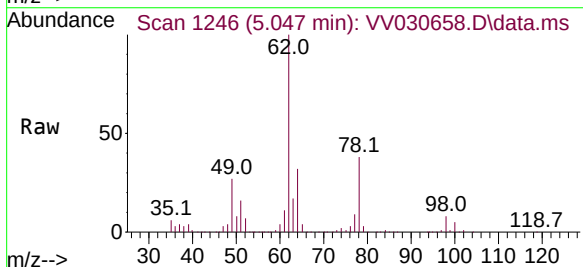
Instrument :
MSVOA_V
ClientSampleId :

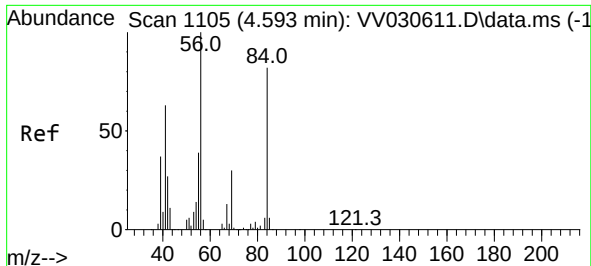
Tgt Ion: 83 Resp: 185395
Ion Ratio Lower Upper
83 100
85 64.5 45.8 85.2



#27
1,2-Dichloroethane
Concen: 51.997 ug/L
RT: 5.047 min Scan# 1246
Delta R.T. -0.000 min
Lab File: VV030658.D
Acq: 19 Apr 2023 11:14

Tgt Ion: 62 Resp: 159659
Ion Ratio Lower Upper
62 100
98 8.5 6.4 9.6





#29

Cyclohexane

Concen: 52.944 ug/L

RT: 4.590 min Scan# 1105

Delta R.T. -0.003 min

Lab File: VV030658.D

Acq: 19 Apr 2023 11:14

Instrument :

MSVOA_V

ClientSampleId :

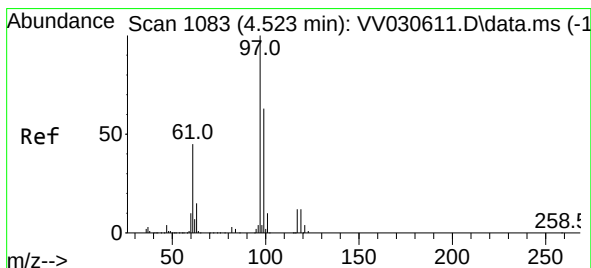
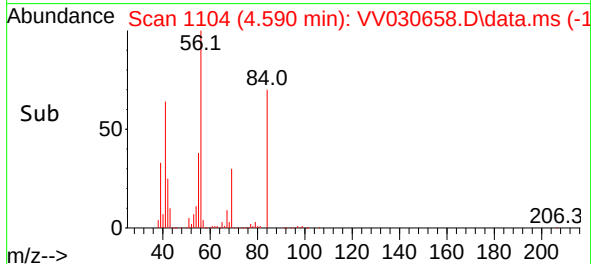
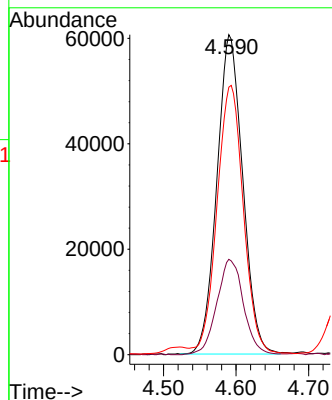
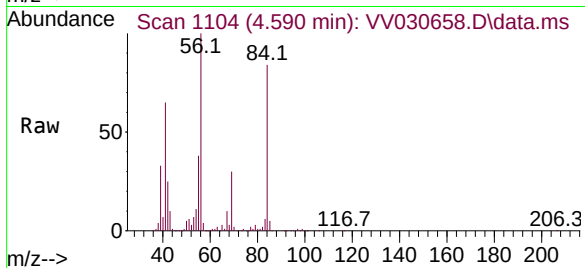
Tgt Ion: 56 Resp: 150093

Ion Ratio Lower Upper

56 100

69 30.8 24.0 36.0

84 84.9 68.2 102.2



#30

1,1,1-Trichloroethane

Concen: 51.916 ug/L

RT: 4.519 min Scan# 1082

Delta R.T. -0.000 min

Lab File: VV030658.D

Acq: 19 Apr 2023 11:14

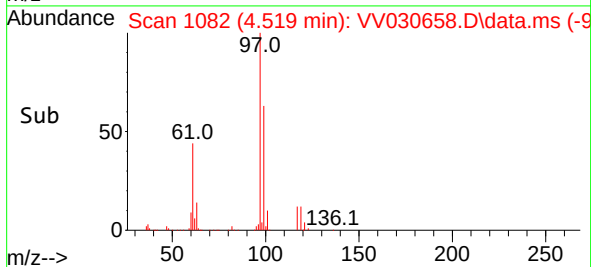
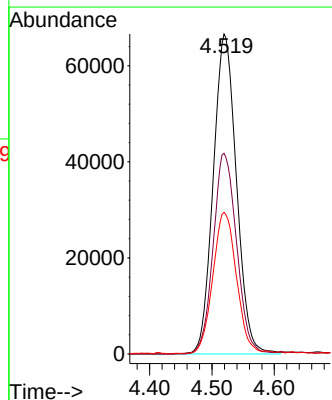
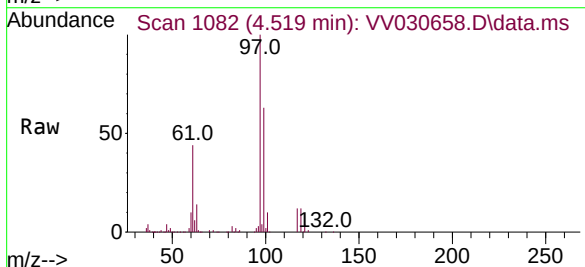
Tgt Ion: 97 Resp: 172332

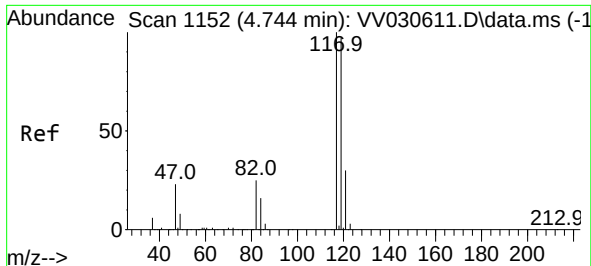
Ion Ratio Lower Upper

97 100

99 63.2 51.4 77.0

61 44.5 37.0 55.6

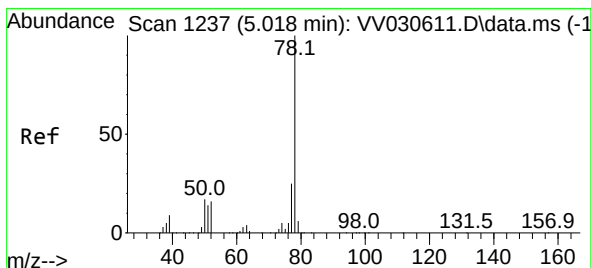
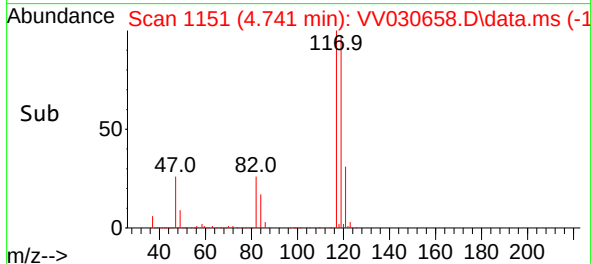
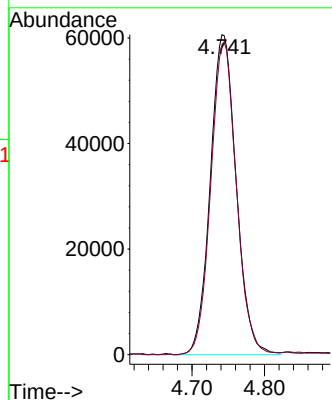
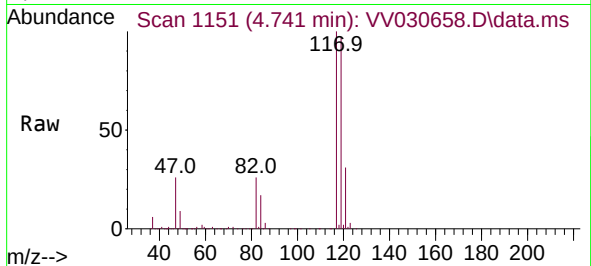




#31
Carbon tetrachloride
Concen: 50.766 ug/L
RT: 4.741 min Scan# 1152
Delta R.T. -0.003 min
Lab File: VV030658.D
Acq: 19 Apr 2023 11:14

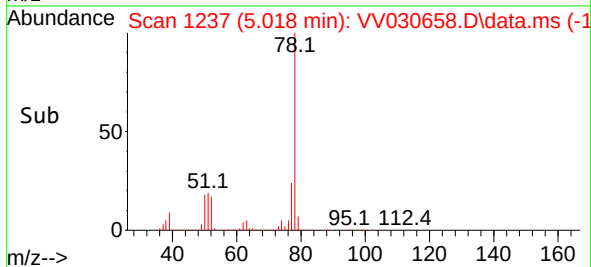
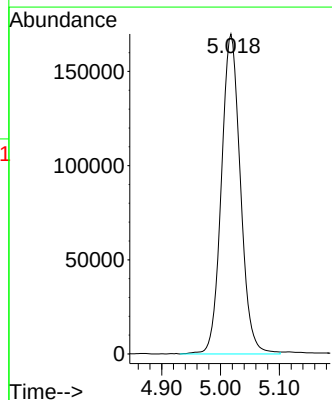
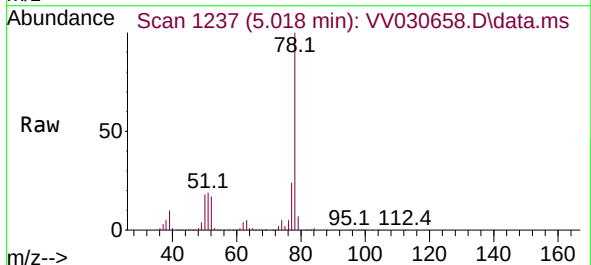
Instrument :
MSVOA_V
ClientSampleId :

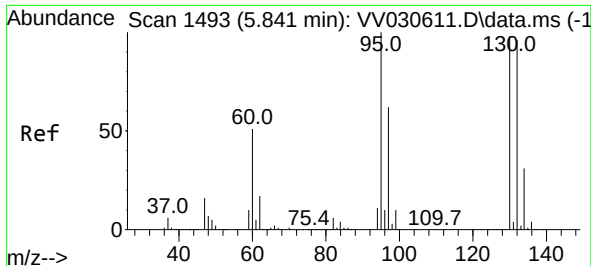
Tgt Ion:117 Resp: 150666
Ion Ratio Lower Upper
117 100
119 96.2 75.9 113.9



#33
Benzene
Concen: 53.268 ug/L
RT: 5.018 min Scan# 1237
Delta R.T. -0.000 min
Lab File: VV030658.D
Acq: 19 Apr 2023 11:14

Tgt Ion: 78 Resp: 382131

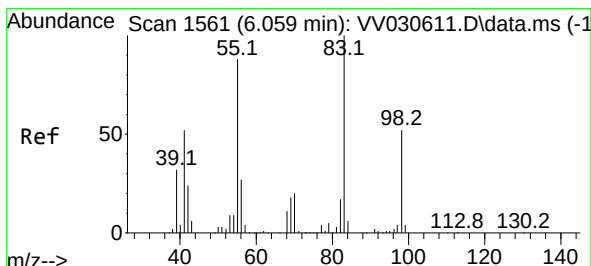
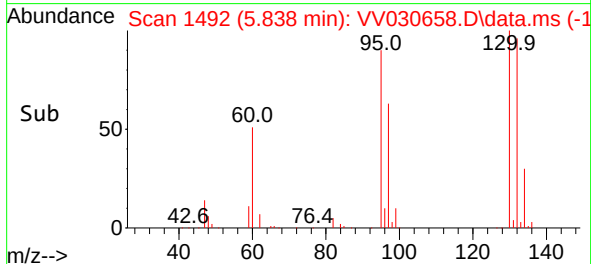
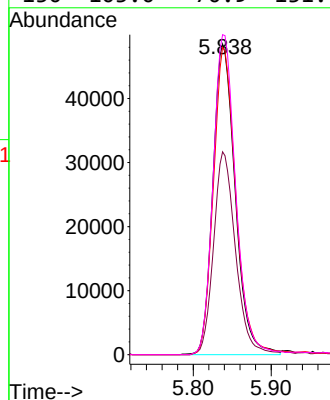
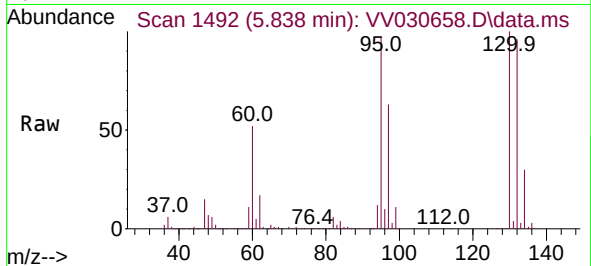




#34
Trichloroethene
Concen: 51.713 ug/L
RT: 5.838 min Scan# 1493
Delta R.T. -0.003 min
Lab File: VV030658.D
Acq: 19 Apr 2023 11:14

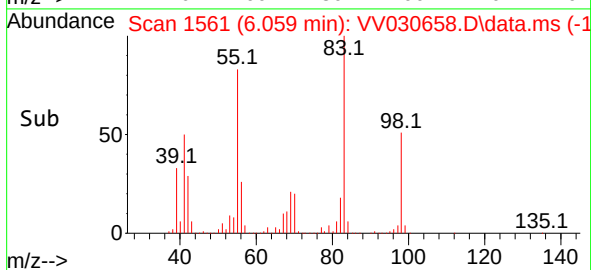
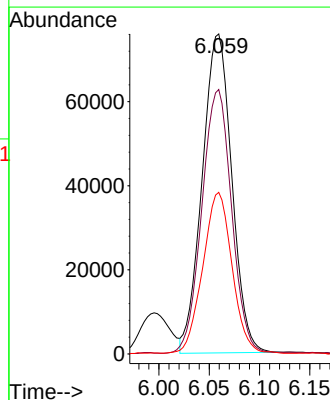
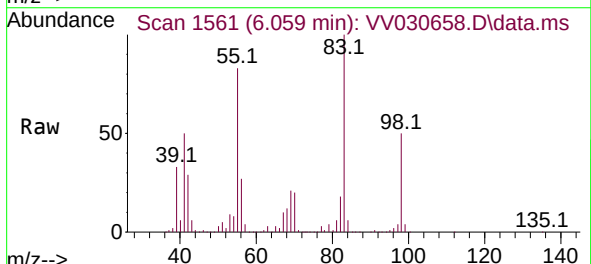
Instrument :
MSVOA_V
ClientSampleId :

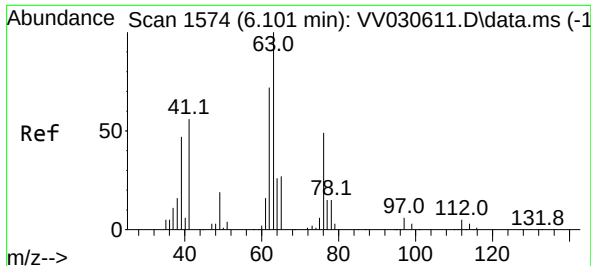
Tgt Ion:	95	Resp:	96494
Ion	Ratio	Lower	Upper
95	100		
97	65.3	45.8	85.2
132	98.9	70.6	131.2
130	103.0	70.9	131.7



#35
Methylcyclohexane
Concen: 53.154 ug/L
RT: 6.059 min Scan# 1561
Delta R.T. -0.000 min
Lab File: VV030658.D
Acq: 19 Apr 2023 11:14

Tgt Ion:	83	Resp:	155411
Ion	Ratio	Lower	Upper
83	100		
55	83.1	65.5	98.3
98	49.7	38.7	58.1





#37

1,2-Dichloropropane

Concen: 50.190 ug/L

RT: 6.098 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV030658.D

Acq: 19 Apr 2023 11:14

Instrument :

MSVOA_V

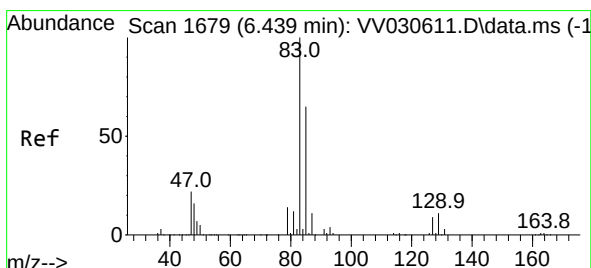
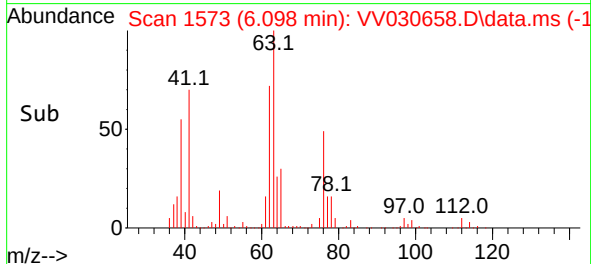
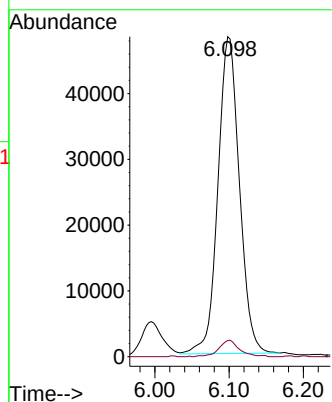
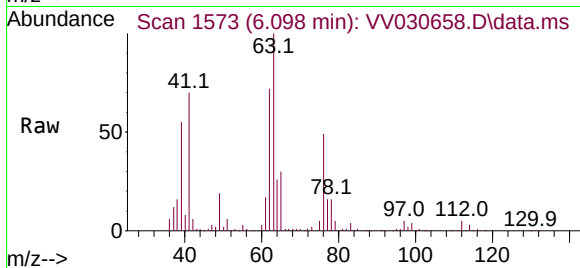
ClientSampleId :

Tgt Ion: 63 Resp: 96909

Ion Ratio Lower Upper

63 100

112 4.9 3.8 5.8



#38

Bromodichloromethane

Concen: 50.757 ug/L

RT: 6.439 min Scan# 1679

Delta R.T. -0.000 min

Lab File: VV030658.D

Acq: 19 Apr 2023 11:14

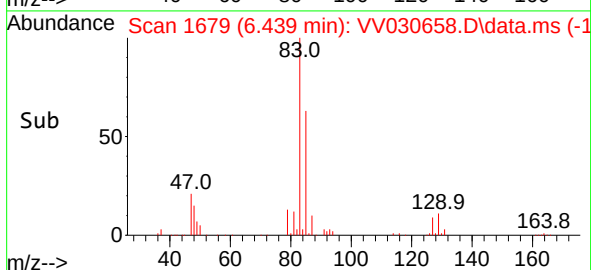
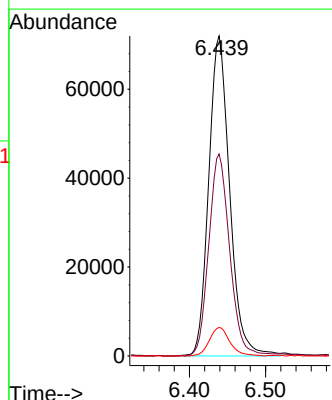
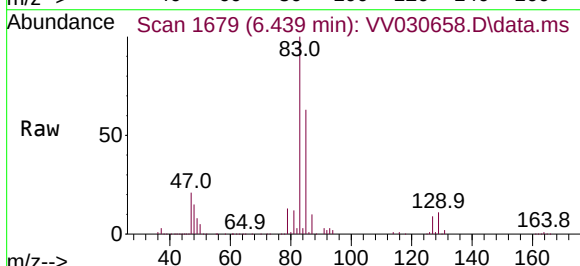
Tgt Ion: 83 Resp: 137671

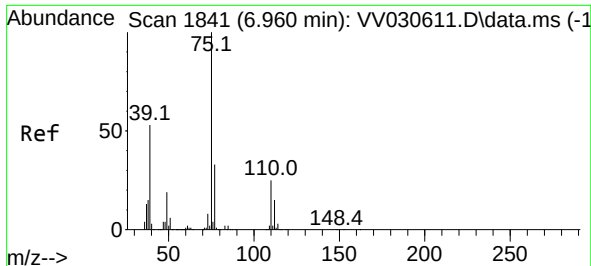
Ion Ratio Lower Upper

83 100

85 63.1 45.4 84.4

127 8.9 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 52.929 ug/L

RT: 6.960 min Scan# 1841

Delta R.T. -0.000 min

Lab File: VV030658.D

Acq: 19 Apr 2023 11:14

Instrument :

MSVOA_V

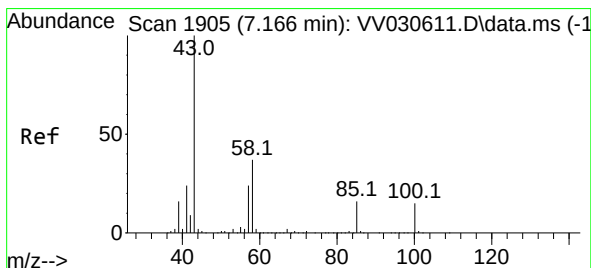
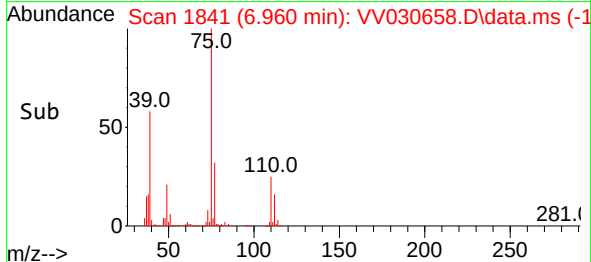
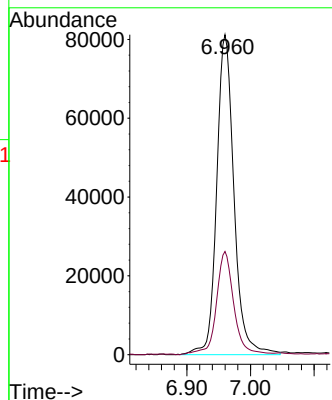
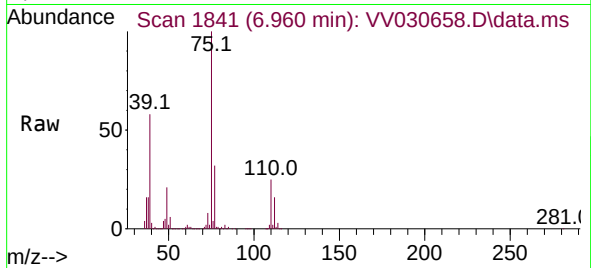
ClientSampleId :

Tgt Ion: 75 Resp: 153386

Ion Ratio Lower Upper

75 100

77 32.3 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 108.930 ug/L

RT: 7.165 min Scan# 1905

Delta R.T. -0.000 min

Lab File: VV030658.D

Acq: 19 Apr 2023 11:14

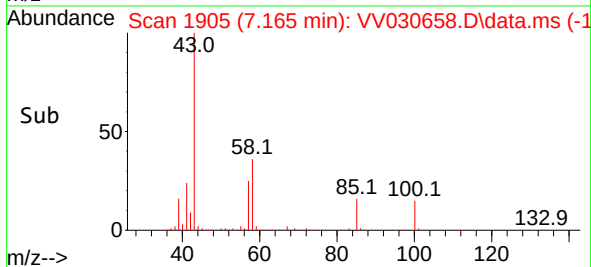
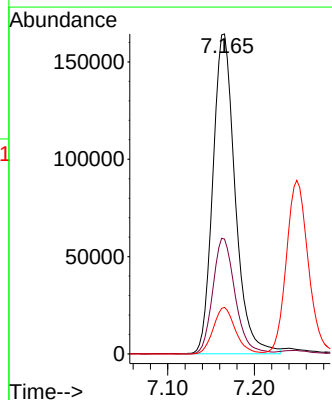
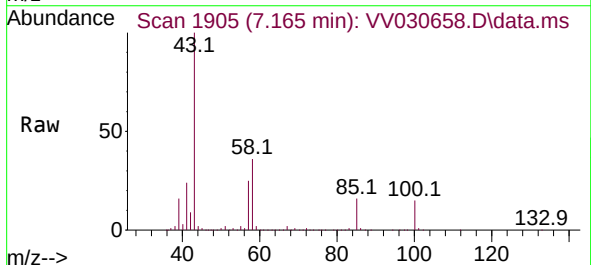
Tgt Ion: 43 Resp: 293805

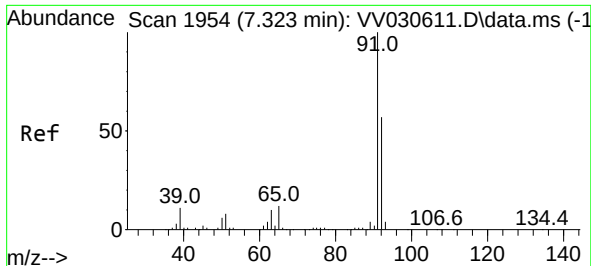
Ion Ratio Lower Upper

43 100

58 36.4 29.2 43.8

100 14.5 11.3 16.9





#42

Toluene

Concen: 53.891 ug/L

RT: 7.320 min Scan# 1954

Delta R.T. -0.000 min

Lab File: VV030658.D

Acq: 19 Apr 2023 11:14

Instrument :

MSVOA_V

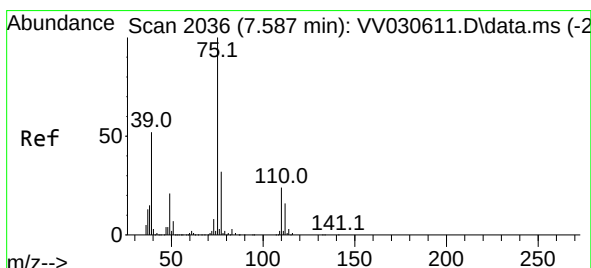
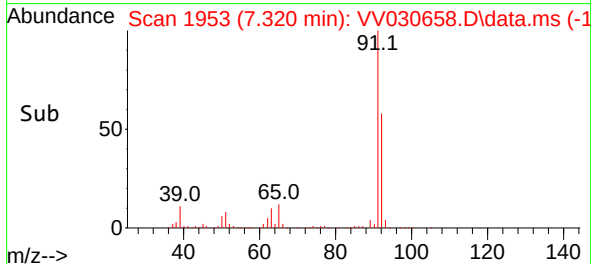
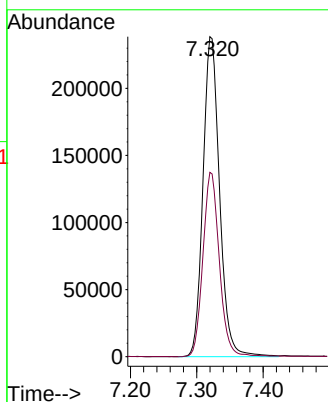
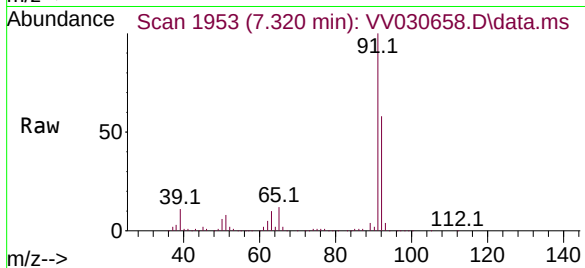
ClientSampleId :

Tgt Ion: 91 Resp: 414084

Ion Ratio Lower Upper

91 100

92 57.6 39.8 73.8



#44

trans-1,3-Dichloropropene

Concen: 53.715 ug/L

RT: 7.587 min Scan# 2036

Delta R.T. -0.000 min

Lab File: VV030658.D

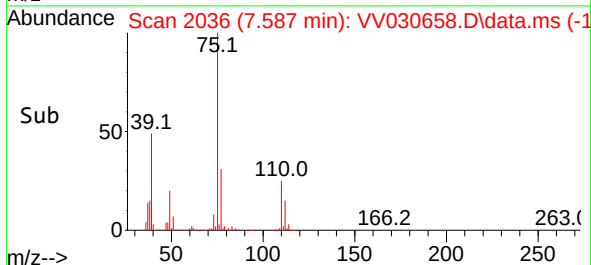
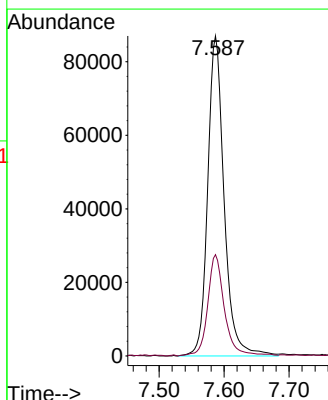
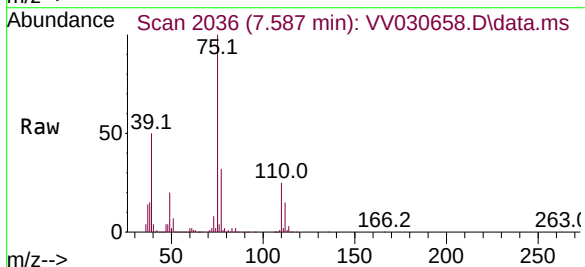
Acq: 19 Apr 2023 11:14

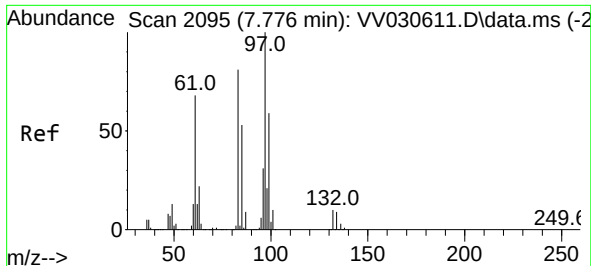
Tgt Ion: 75 Resp: 152935

Ion Ratio Lower Upper

75 100

77 31.7 22.1 41.1

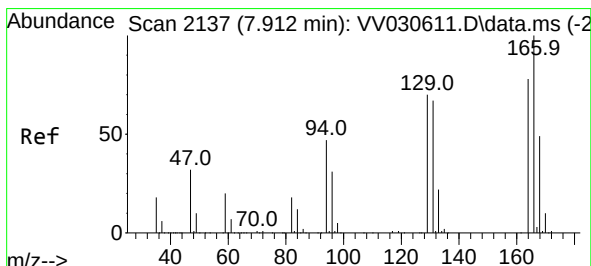
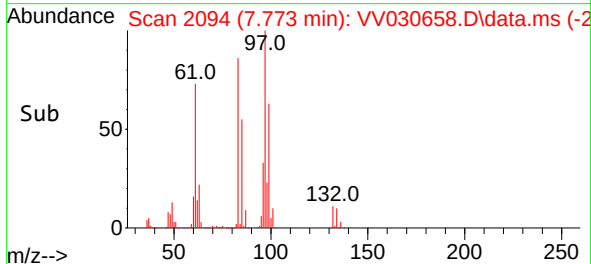
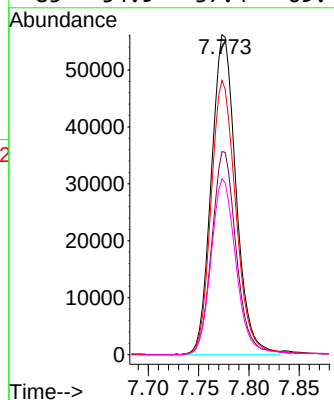
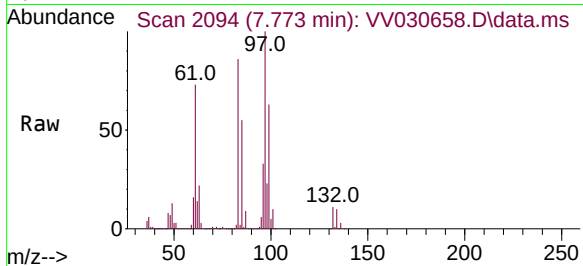




#45
1,1,2-Trichloroethane
Concen: 49.585 ug/L
RT: 7.773 min Scan# 2094
Delta R.T. -0.000 min
Lab File: VV030658.D
Acq: 19 Apr 2023 11:14

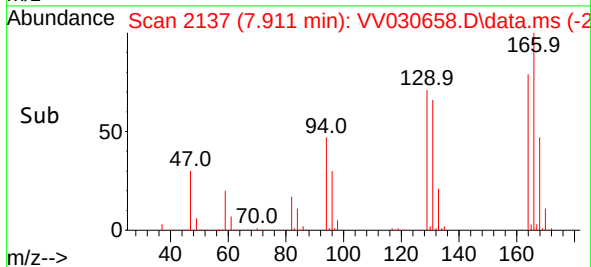
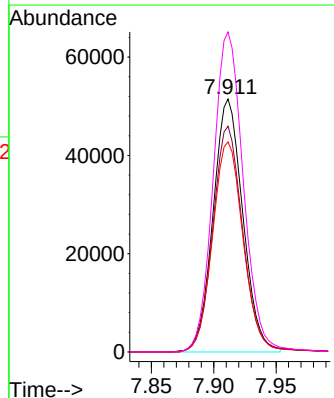
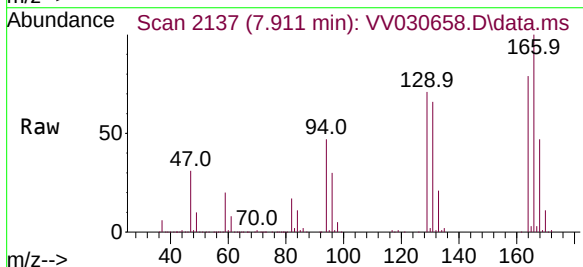
Instrument :
MSVOA_V
ClientSampleId :

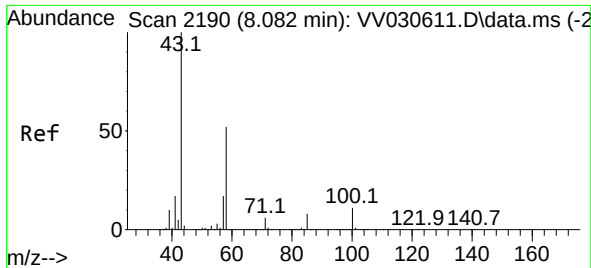
Tgt Ion:	97	Resp:	96004
Ion	Ratio	Lower	Upper
97	100		
99	63.5	43.8	81.4
83	85.7	59.6	110.6
85	54.9	37.4	69.4



#46
Tetrachloroethene
Concen: 52.409 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VV030658.D
Acq: 19 Apr 2023 11:14

Tgt Ion:	164	Resp:	85599
Ion	Ratio	Lower	Upper
164	100		
129	89.3	63.8	118.6
131	83.1	60.3	111.9
166	126.5	89.5	166.1



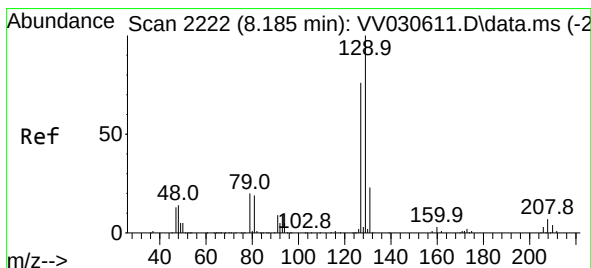
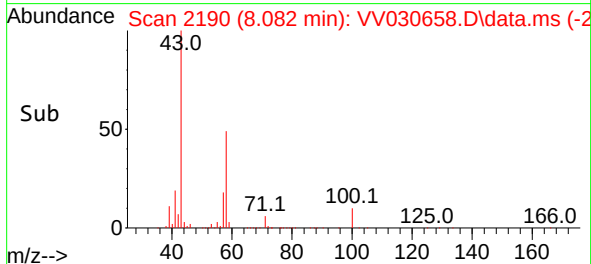
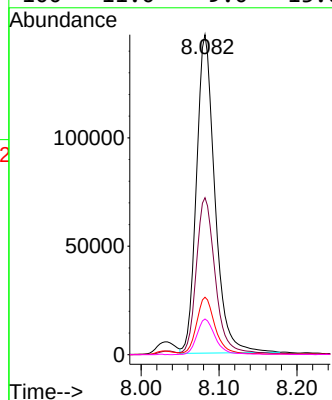
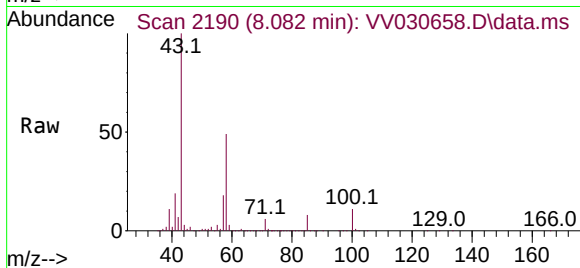


#48
2-Hexanone
Concen: 108.311 ug/L
RT: 8.082 min Scan# 2190
Delta R.T. -0.000 min
Lab File: VV030658.D
Acq: 19 Apr 2023 11:14

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 241046

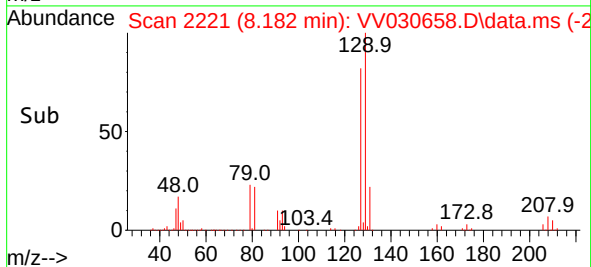
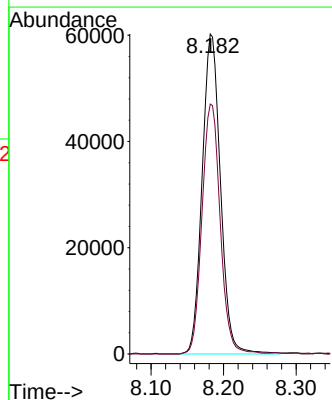
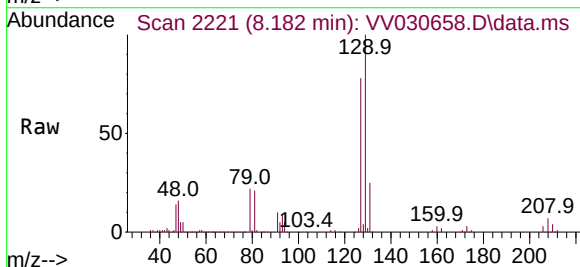
Ion	Ratio	Lower	Upper
43	100		
58	51.3	41.4	62.0
57	17.6	14.9	22.3
100	11.0	9.0	13.6

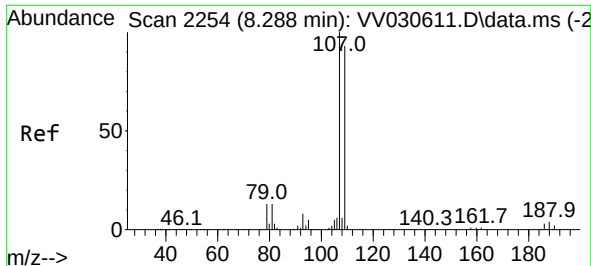


#49
Dibromochloromethane
Concen: 49.552 ug/L
RT: 8.182 min Scan# 2221
Delta R.T. -0.003 min
Lab File: VV030658.D
Acq: 19 Apr 2023 11:14

Tgt Ion: 129 Resp: 105824

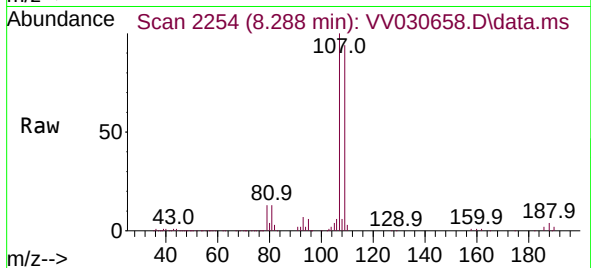
Ion	Ratio	Lower	Upper
129	100		
127	78.1	52.8	98.2



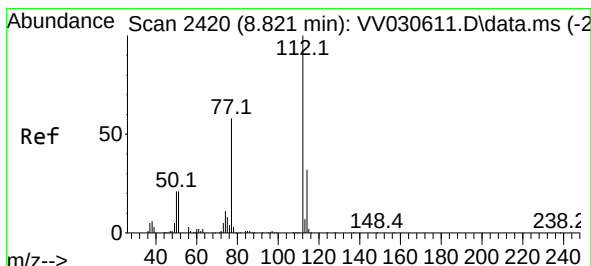
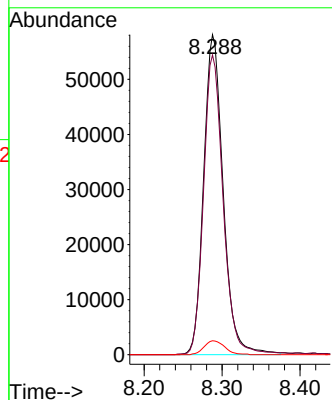
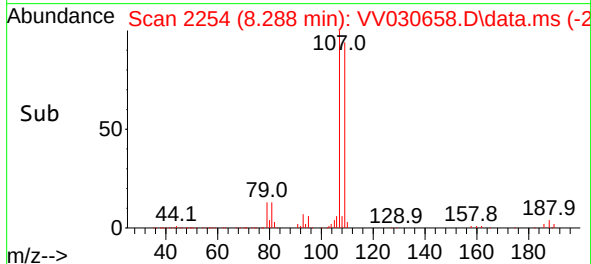


#50
1,2-Dibromoethane
Concen: 50.406 ug/L
RT: 8.288 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VV030658.D
Acq: 19 Apr 2023 11:14

Instrument :
MSVOA_V
ClientSampleId :

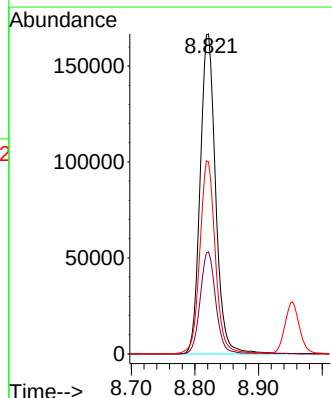
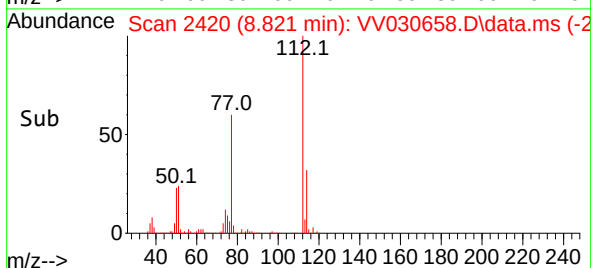
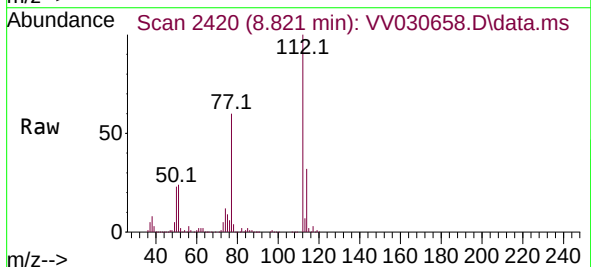


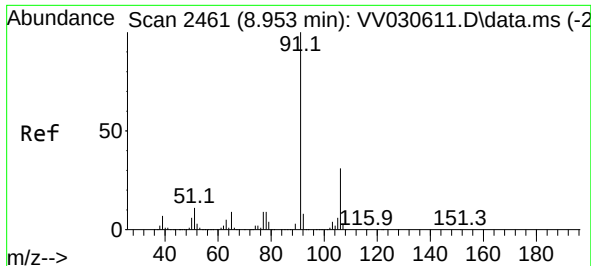
Tgt Ion:107 Resp: 101122
Ion Ratio Lower Upper
107 100
109 93.6 65.7 121.9
188 4.3 3.2 4.8



#51
Chlorobenzene
Concen: 55.363 ug/L
RT: 8.821 min Scan# 2420
Delta R.T. -0.000 min
Lab File: VV030658.D
Acq: 19 Apr 2023 11:14

Tgt Ion:112 Resp: 281735
Ion Ratio Lower Upper
112 100
114 31.9 22.4 41.6
77 60.1 47.4 71.0

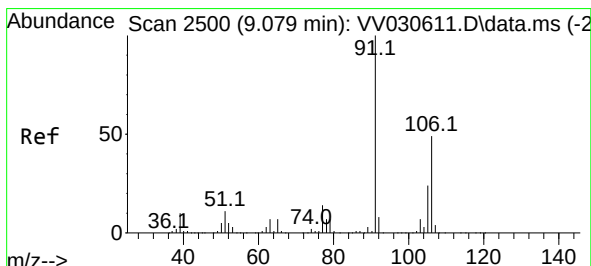
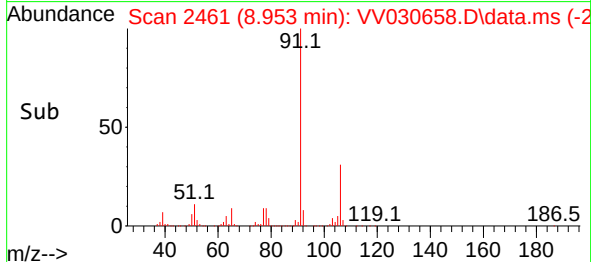
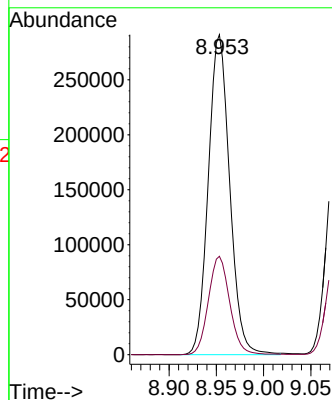
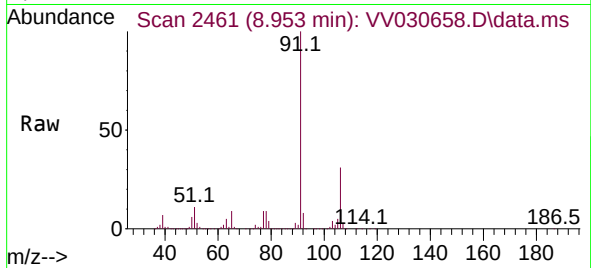




#52
Ethylbenzene
Concen: 53.769 ug/L
RT: 8.953 min Scan# 2461
Delta R.T. -0.000 min
Lab File: VV030658.D
Acq: 19 Apr 2023 11:14

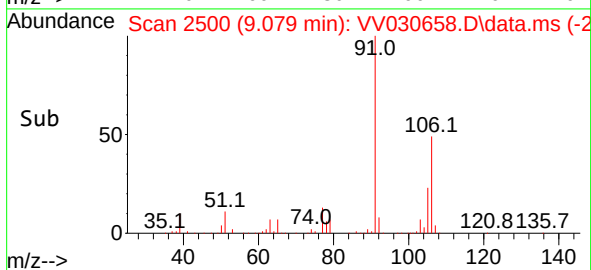
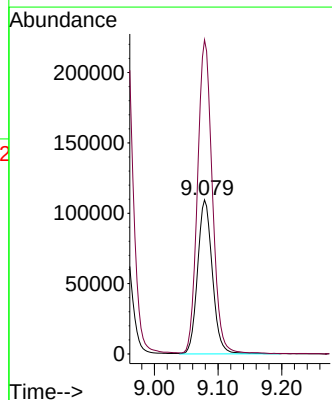
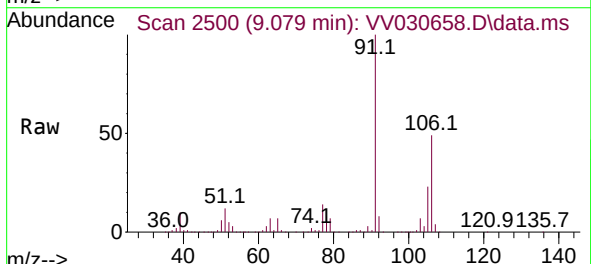
Instrument :
MSVOA_V
ClientSampleId :

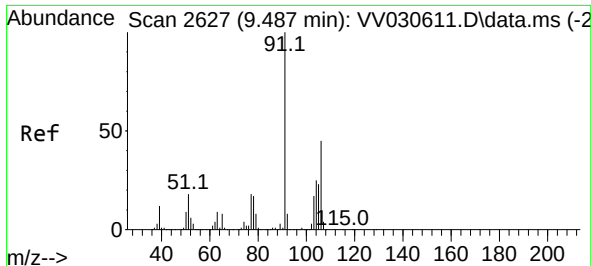
Tgt Ion: 91 Resp: 457381
Ion Ratio Lower Upper
91 100
106 30.7 21.8 40.4



#53
m,p-Xylene
Concen: 54.863 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. -0.000 min
Lab File: VV030658.D
Acq: 19 Apr 2023 11:14

Tgt Ion: 106 Resp: 176280
Ion Ratio Lower Upper
106 100
91 203.8 144.7 268.7

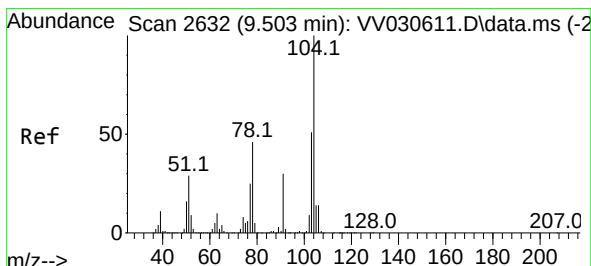
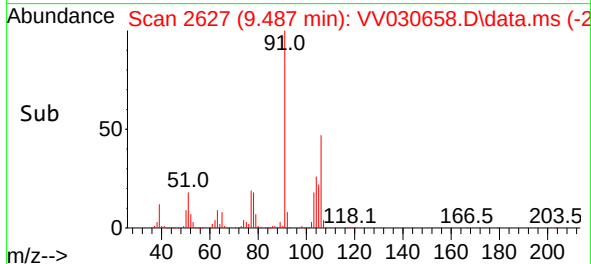
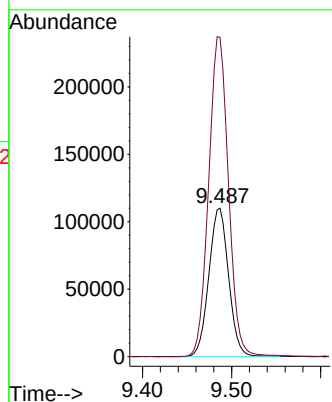
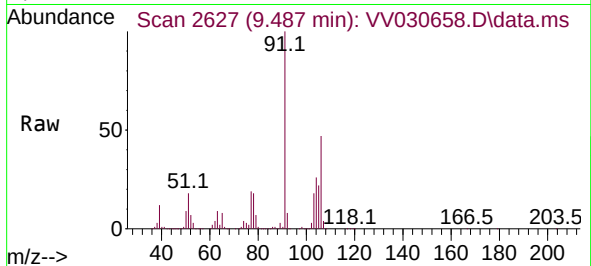




#54
o-Xylene
Concen: 53.973 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. -0.000 min
Lab File: VV030658.D
Acq: 19 Apr 2023 11:14

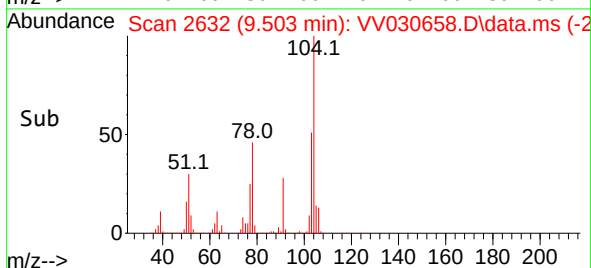
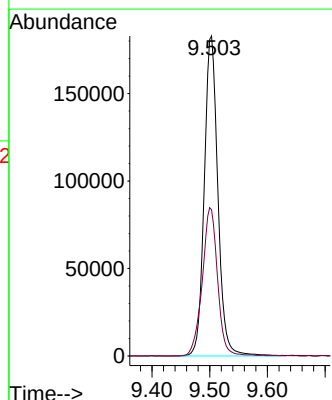
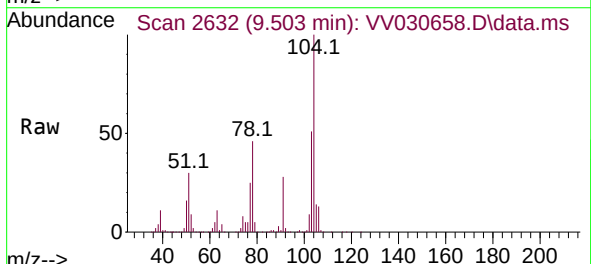
Instrument :
MSVOA_V
ClientSampleId :

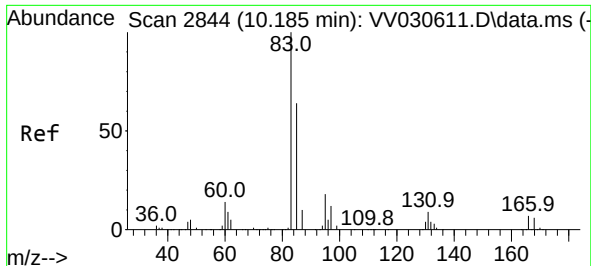
Tgt Ion:106 Resp: 169656
Ion Ratio Lower Upper
106 100
91 215.0 152.6 283.4



#55
Styrene
Concen: 54.246 ug/L
RT: 9.503 min Scan# 2632
Delta R.T. -0.000 min
Lab File: VV030658.D
Acq: 19 Apr 2023 11:14

Tgt Ion:104 Resp: 299519
Ion Ratio Lower Upper
104 100
78 45.7 32.3 59.9

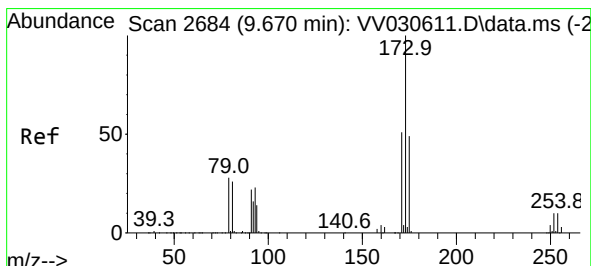
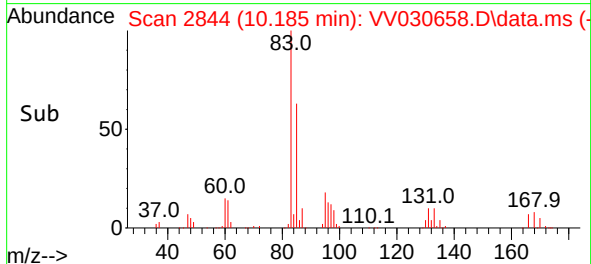
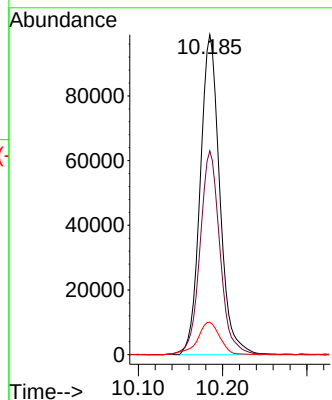
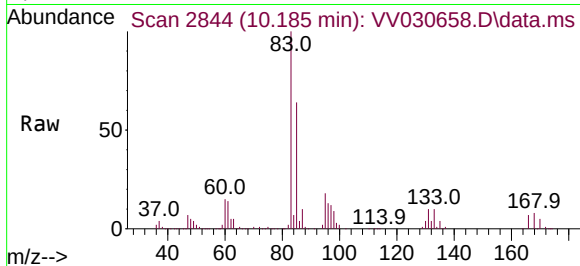




#57
1,1,2,2-Tetrachloroethane
Concen: 50.155 ug/L
RT: 10.185 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VV030658.D
Acq: 19 Apr 2023 11:14

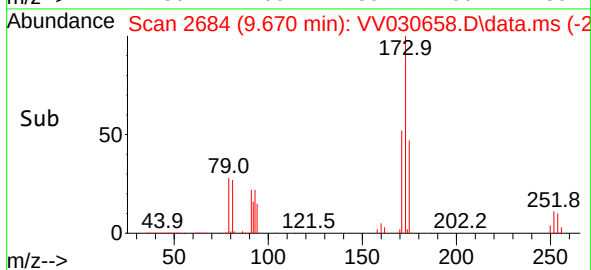
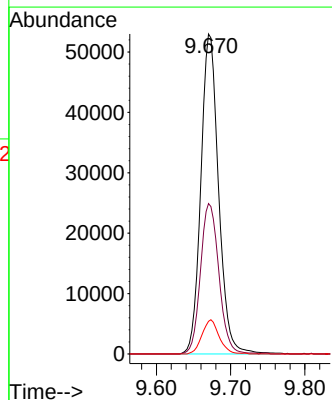
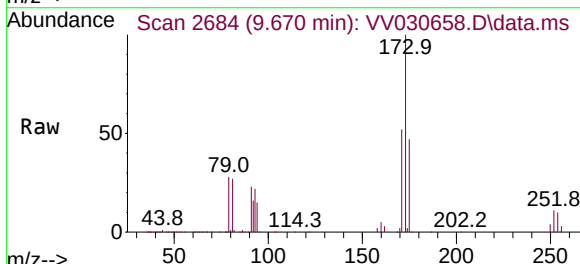
Instrument :
MSVOA_V
ClientSampleId :

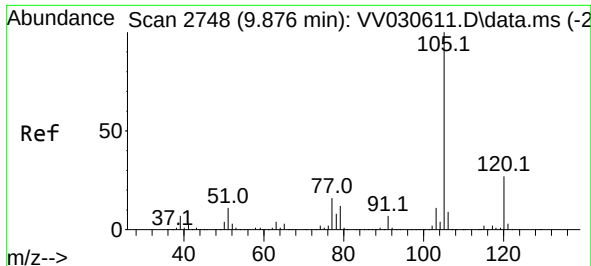
Tgt Ion: 83 Resp: 159434
Ion Ratio Lower Upper
83 100
85 63.7 45.1 83.7
131 10.1 8.0 12.0



#59
Bromoform
Concen: 52.684 ug/L
RT: 9.670 min Scan# 2684
Delta R.T. -0.003 min
Lab File: VV030658.D
Acq: 19 Apr 2023 11:14

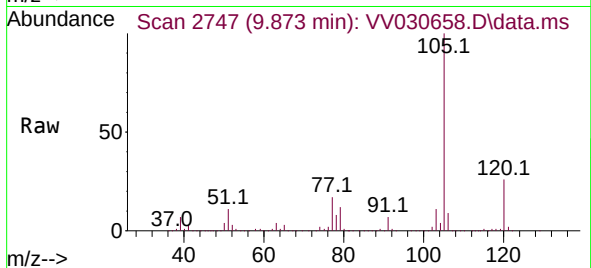
Tgt Ion: 173 Resp: 87964
Ion Ratio Lower Upper
173 100
175 48.8 38.8 58.2
254 10.3 8.2 12.4



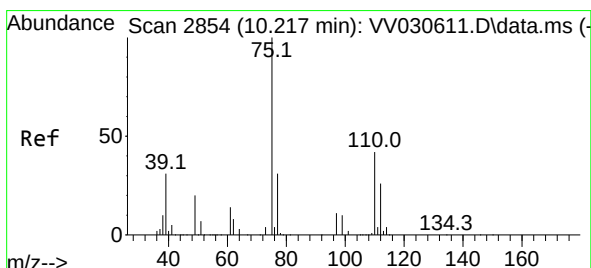
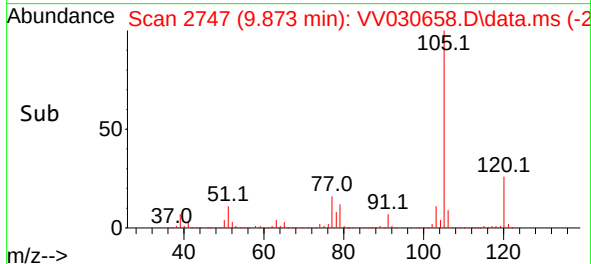
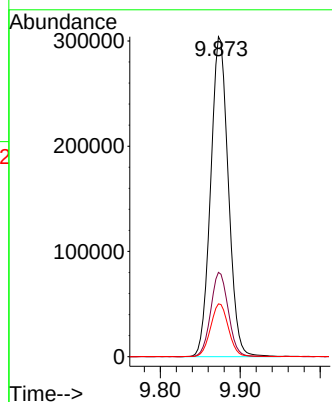


#60
Isopropylbenzene
Concen: 56.000 ug/L
RT: 9.873 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV030658.D
Acq: 19 Apr 2023 11:14

Instrument :
MSVOA_V
ClientSampleId :

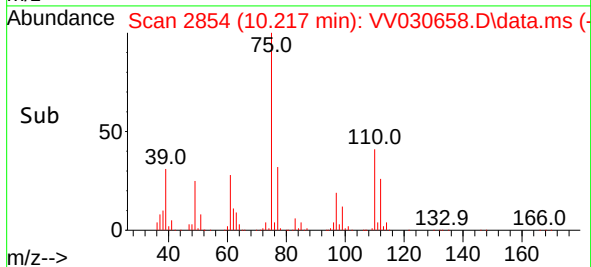
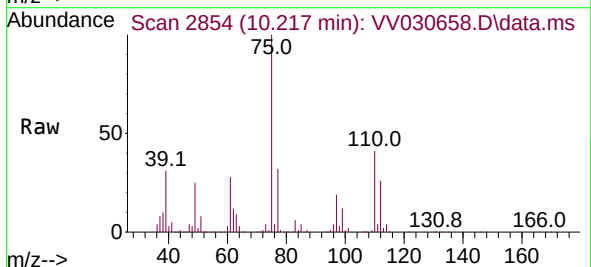
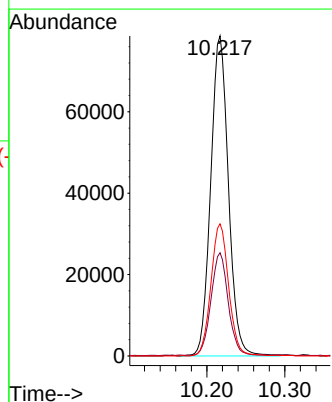


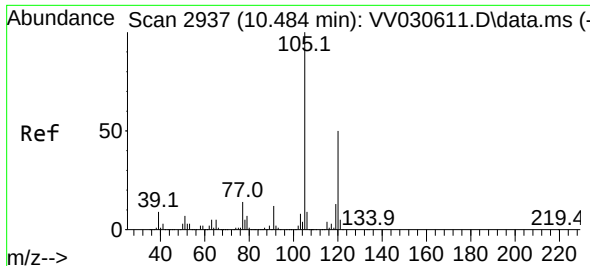
Tgt Ion:105 Resp: 465745
Ion Ratio Lower Upper
105 100
120 26.3 20.9 31.3
77 16.8 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 52.191 ug/L
RT: 10.217 min Scan# 2854
Delta R.T. -0.000 min
Lab File: VV030658.D
Acq: 19 Apr 2023 11:14

Tgt Ion: 75 Resp: 124660
Ion Ratio Lower Upper
75 100
77 30.9 25.7 38.5
110 41.2 32.8 49.2

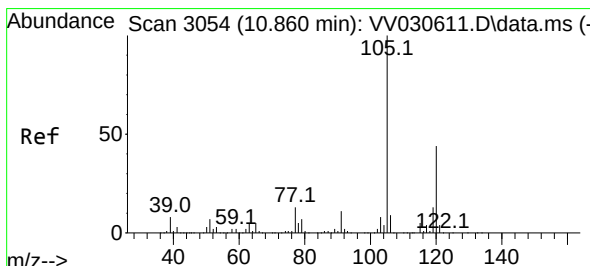
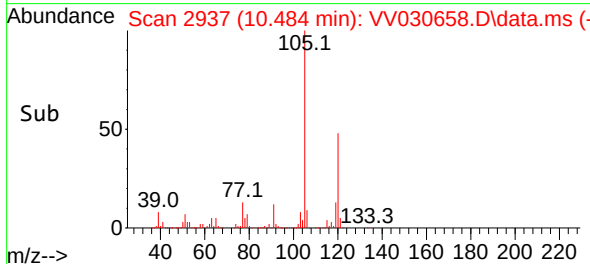
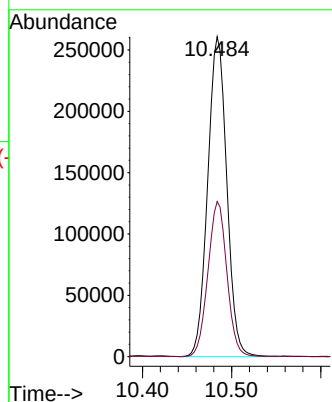
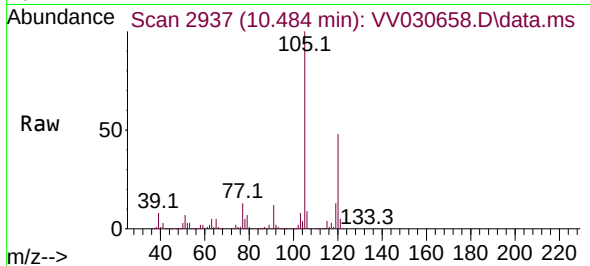




#62
 1,3,5-Trimethylbenzene
 Concen: 56.630 ug/L
 RT: 10.484 min Scan# 2937
 Delta R.T. -0.000 min
 Lab File: VV030658.D
 Acq: 19 Apr 2023 11:14

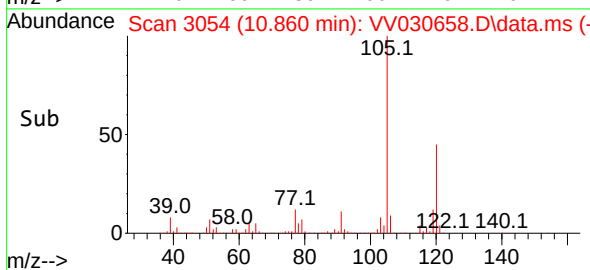
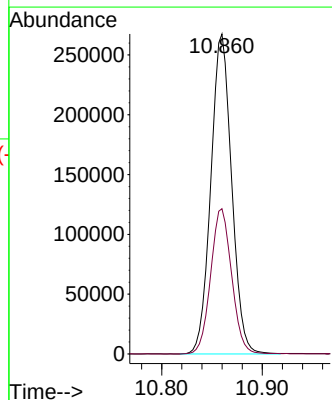
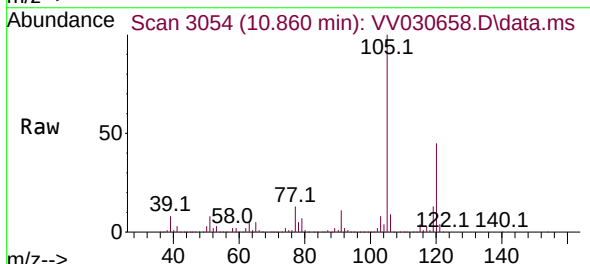
Instrument :
 MSVOA_V
 ClientSampleId :

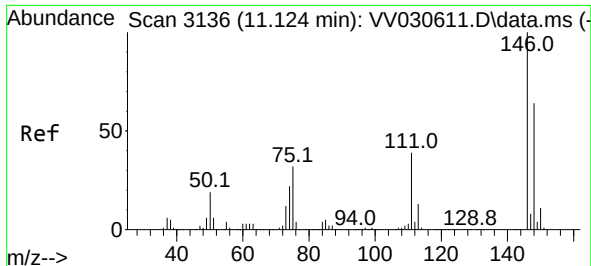
Tgt Ion:105 Resp: 387788
 Ion Ratio Lower Upper
 105 100
 120 48.1 39.2 58.8



#63
 1,2,4-Trimethylbenzene
 Concen: 56.284 ug/L
 RT: 10.860 min Scan# 3054
 Delta R.T. -0.000 min
 Lab File: VV030658.D
 Acq: 19 Apr 2023 11:14

Tgt Ion:105 Resp: 384823
 Ion Ratio Lower Upper
 105 100
 120 45.7 36.2 54.4

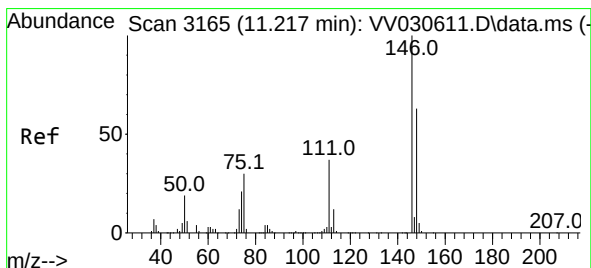
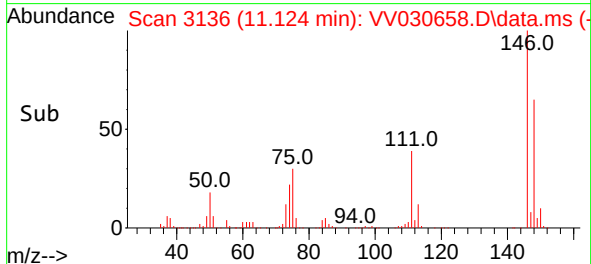
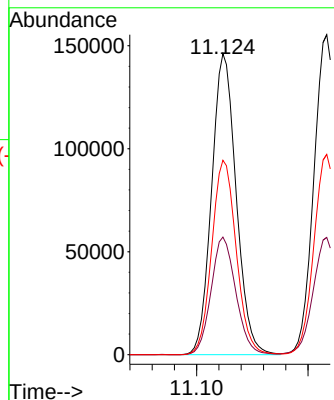
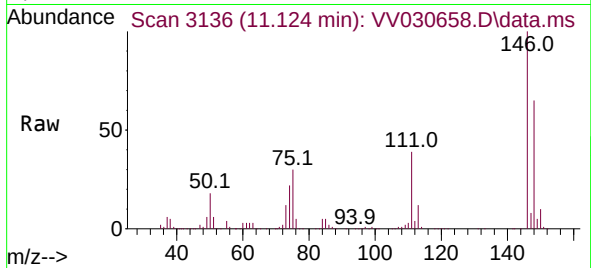




#64
1,3-Dichlorobenzene
Concen: 53.761 ug/L
RT: 11.124 min Scan# 3136
Delta R.T. -0.000 min
Lab File: VV030658.D
Acq: 19 Apr 2023 11:14

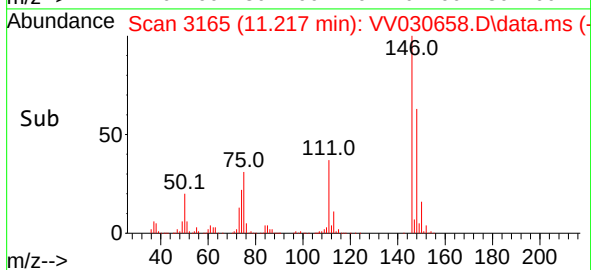
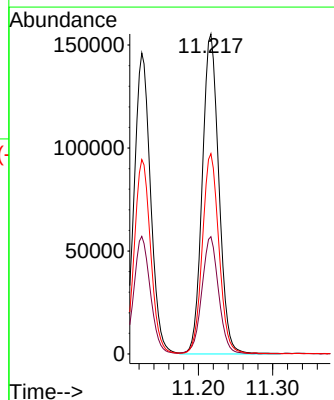
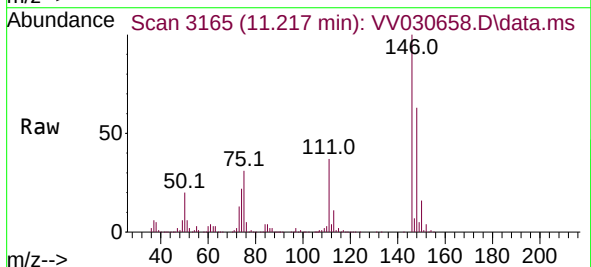
Instrument :
MSVOA_V
ClientSampleId :

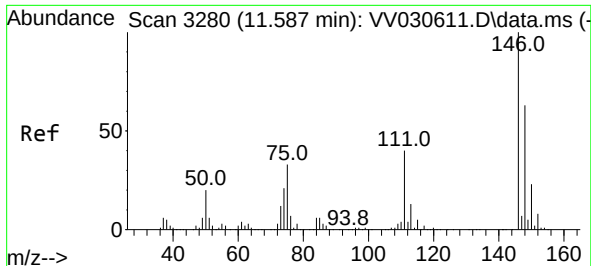
Tgt Ion:146 Resp: 223857
Ion Ratio Lower Upper
146 100
111 39.1 27.0 50.2
148 64.6 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 54.900 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. -0.000 min
Lab File: VV030658.D
Acq: 19 Apr 2023 11:14

Tgt Ion:146 Resp: 241058
Ion Ratio Lower Upper
146 100
111 36.7 26.5 49.1
148 62.6 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 54.258 ug/L

RT: 11.587 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV030658.D

Acq: 19 Apr 2023 11:14

Instrument :

MSVOA_V

ClientSampleId :

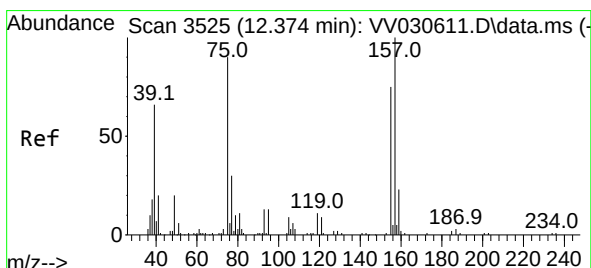
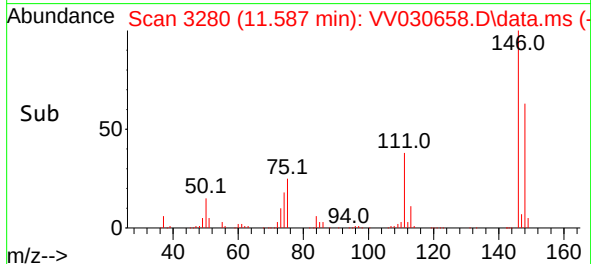
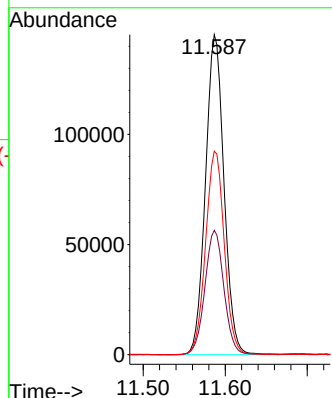
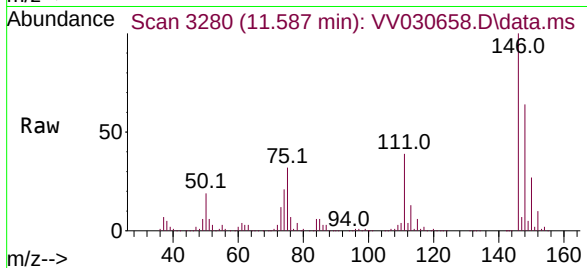
Tgt Ion:146 Resp: 227920

Ion Ratio Lower Upper

146 100

111 38.9 32.0 48.0

148 63.6 50.6 76.0



#68

1,2-Dibromo-3-chloropropane

Concen: 48.520 ug/L

RT: 12.371 min Scan# 3524

Delta R.T. -0.003 min

Lab File: VV030658.D

Acq: 19 Apr 2023 11:14

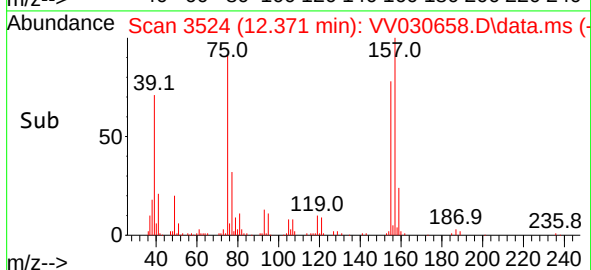
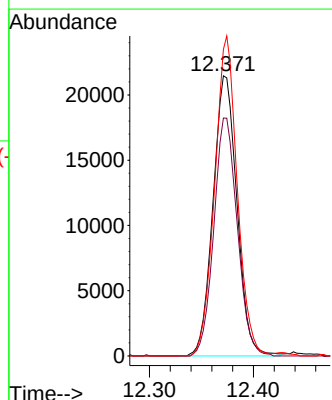
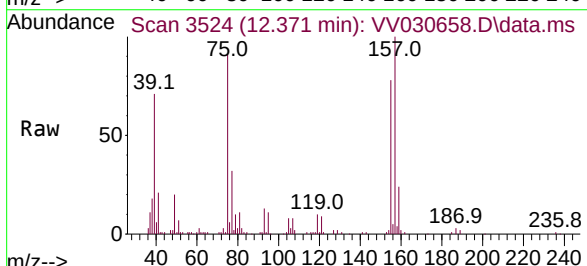
Tgt Ion: 75 Resp: 34335

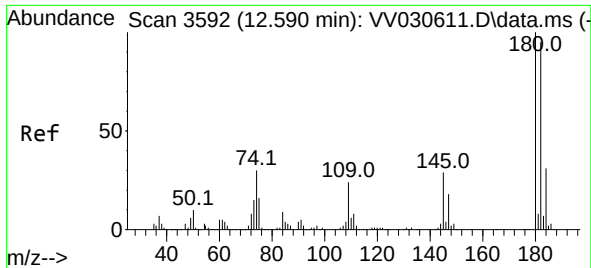
Ion Ratio Lower Upper

75 100

155 84.9 65.0 97.6

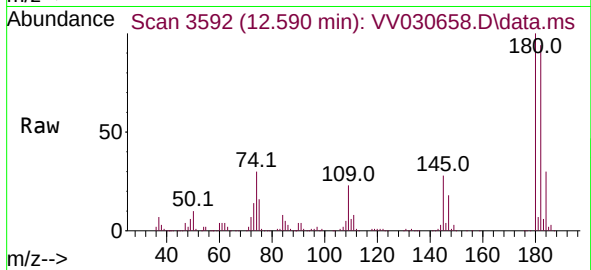
157 109.4 84.4 126.6



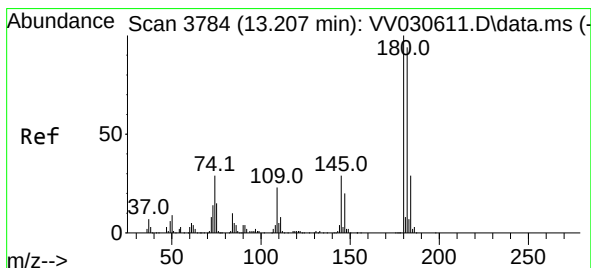
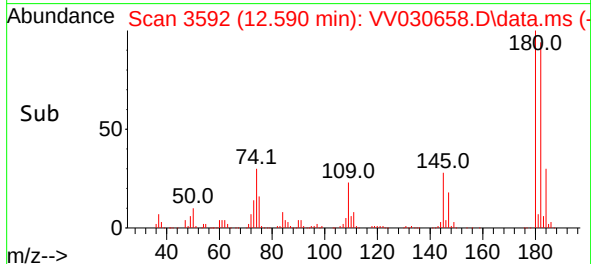
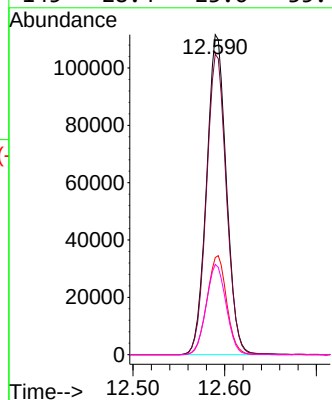


#69
 1,3,5-Trichlorobenzene
 Concen: 53.136 ug/L
 RT: 12.590 min Scan# 3592
 Delta R.T. -0.003 min
 Lab File: VV030658.D
 Acq: 19 Apr 2023 11:14

Instrument :
 MSVOA_V
 ClientSampleId :

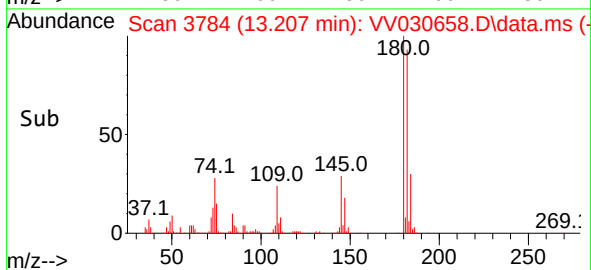
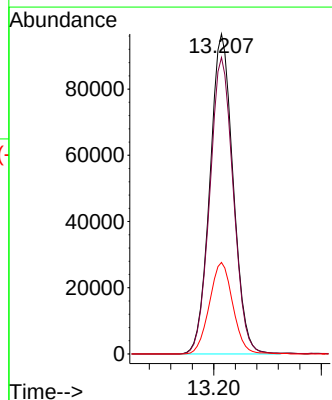
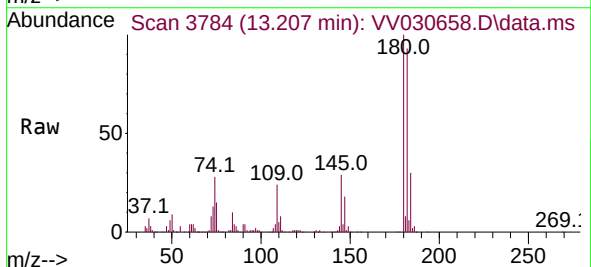


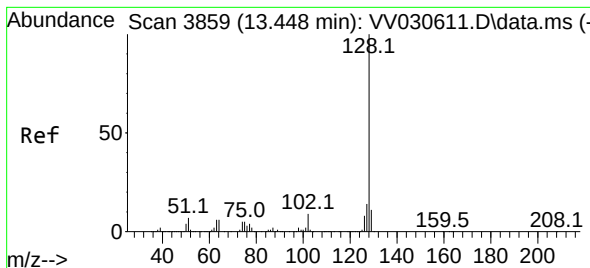
Tgt Ion:180 Resp: 167138
 Ion Ratio Lower Upper
 180 100
 182 94.6 76.4 114.6
 184 30.8 24.1 36.1
 145 28.4 23.6 35.4



#70
 1,2,4-trichlorobenzene
 Concen: 54.302 ug/L
 RT: 13.207 min Scan# 3784
 Delta R.T. -0.000 min
 Lab File: VV030658.D
 Acq: 19 Apr 2023 11:14

Tgt Ion:180 Resp: 145024
 Ion Ratio Lower Upper
 180 100
 182 93.6 75.9 113.9
 145 28.8 23.4 35.2





#71

Naphthalene

Concen: 52.773 ug/L

RT: 13.448 min Scan# 3859

Delta R.T. -0.000 min

Lab File: VV030658.D

Acq: 19 Apr 2023 11:14

Instrument :

MSVOA_V

ClientSampleId :

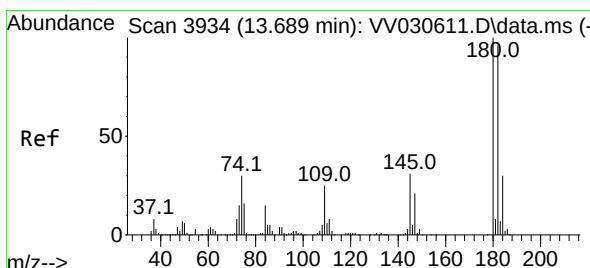
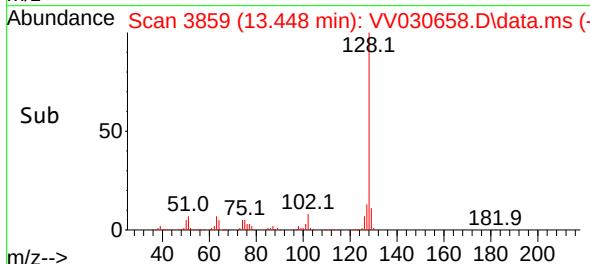
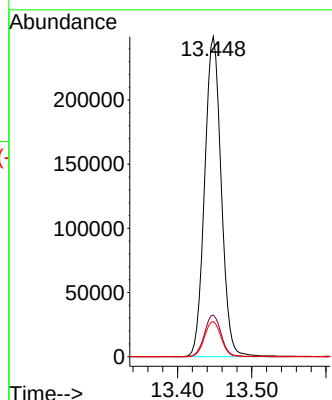
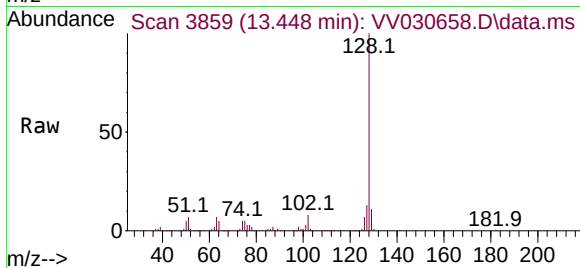
Tgt Ion:128 Resp: 385544

Ion Ratio Lower Upper

128 100

127 13.1 10.7 16.1

129 11.0 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 54.694 ug/L

RT: 13.689 min Scan# 3934

Delta R.T. -0.000 min

Lab File: VV030658.D

Acq: 19 Apr 2023 11:14

Tgt Ion:180 Resp: 144843

Ion Ratio Lower Upper

180 100

182 93.3 76.2 114.4

145 30.4 25.1 37.7

