

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102522\
 Data File : VW028680.D
 Acq On : 25 Oct 2022 11:00
 Operator : SY/MD
 Sample : VSTD00171
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 27 04:36:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 27 04:33:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	243274	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	176563	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	78716	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	14855	0.666	ug/L	0.00
7) Chloroethane-d5	1.564	69	12321	0.690	ug/L	-0.01
11) 1,1-Dichloroethene-d2	2.101	63	26735	0.678	ug/L	-0.02
20) 2-Butanone-d5	3.960	46	33962	7.473	ug/L	-0.01
24) Chloroform-d	4.346	84	26029	0.754	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.037	65	14238	0.750	ug/L	0.00
32) Benzene-d6	5.043	84	49281	0.685	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	14777	0.675	ug/L	0.00
41) Toluene-d8	7.313	98	32060	0.615	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.625	79	3766	0.655	ug/L	0.00
46) 2-Hexanone-d5	8.114	63	14922	6.204	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	8457	0.761	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.619	152	9638	0.714	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	7901	0.701	ug/L	96
3) Chloromethane	1.236	50	17407	0.779	ug/L	94
5) Vinyl chloride	1.307	62	15815	0.735	ug/L	96
6) Bromomethane	1.519	94	7430	0.708	ug/L	96
8) Chloroethane	1.584	64	10294	0.711	ug/L	97
9) Trichlorofluoromethane	1.748	101	21086	0.789	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	11965	0.760	ug/L	93
12) 1,1-Dichloroethene	2.111	96	10908	0.732	ug/L	84
13) Acetone	2.246	43	18712	6.560	ug/L	78
14) Carbon disulfide	2.285	76	27654	0.772	ug/L #	92
15) Methyl Acetate	2.458	43	6379	0.751	ug/L #	91
16) Methylene chloride	2.500	84	17551	0.814	ug/L	96
17) Methyl tert-butyl Ether	2.777	73	32876	0.796	ug/L	97
18) trans-1,2-Dichloroethene	2.748	96	12566	0.775	ug/L	97
19) 1,1-Dichloroethane	3.175	63	30920	0.808	ug/L	99
21) 2-Butanone	4.047	43	35025	6.932	ug/L	92
22) cis-1,2-Dichloroethene	3.902	96	14500	0.771	ug/L #	97
23) Bromochloromethane	4.240	128	5354	0.774	ug/L	88
25) Chloroform	4.371	83	29024	0.798	ug/L	96
27) 1,2-Dichloroethane	5.137	62	17157	0.743	ug/L	96
29) 1,1,1-Trichloroethane	4.593	97	23475	0.809	ug/L	98
30) Cyclohexane	4.654	56	24855	0.800	ug/L	99
31) Carbon tetrachloride	4.809	117	17904	0.829	ug/L	100
33) Benzene	5.092	78	55071	0.711	ug/L	100
34) Trichloroethene	5.905	95	13705	0.773	ug/L	96
35) Methylcyclohexane	6.114	83	16138	0.614	ug/L	96
37) 1,2-Dichloropropane	6.175	63	12416	0.620	ug/L	100
38) Bromodichloromethane	6.510	83	15255	0.770	ug/L #	97
39) cis-1,3-Dichloropropene	7.027	75	14245	0.666	ug/L	99
40) 4-Methyl-2-pentanone	7.252	43	68578	6.763	ug/L	96
42) Toluene	7.384	91	44364	0.685	ug/L	96
44) trans-1,3-Dichloropropene	7.654	75	10159	0.647	ug/L	92

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102522\
 Data File : VV028680.D
 Acq On : 25 Oct 2022 11:00
 Operator : SY/MD
 Sample : VSTD00171
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

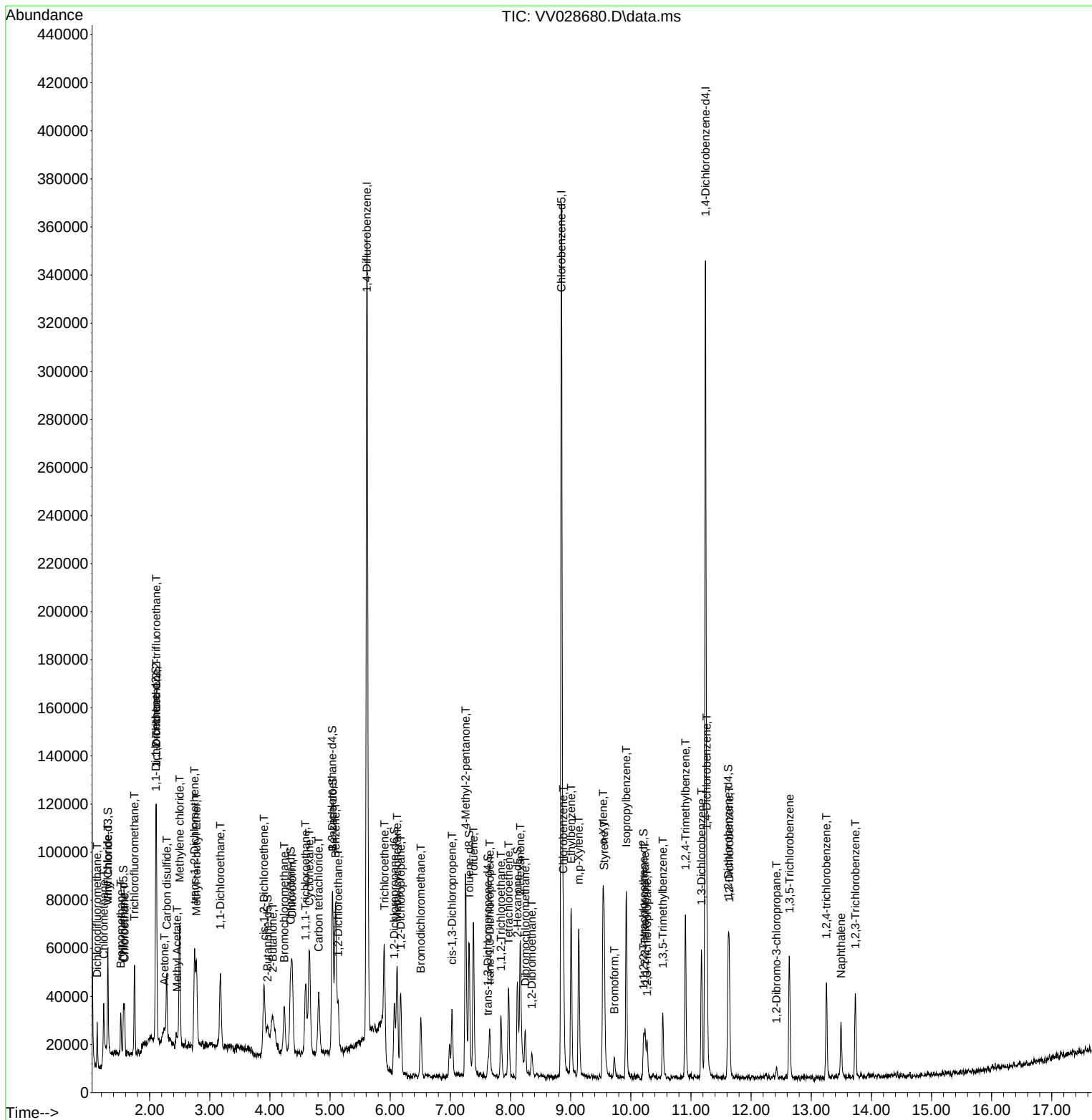
Quant Time: Oct 27 04:36:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 27 04:33:35 2022
 Response via : Initial Calibration

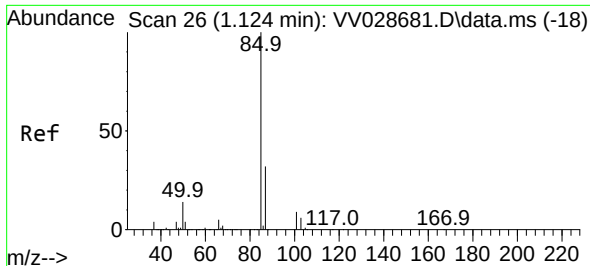
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.841	97	7955	0.794	ug/L	87
47) Tetrachloroethene	7.969	164	7671	0.788	ug/L	96
48) 2-Hexanone	8.162	43	42818	6.607	ug/L	98
49) Dibromochloromethane	8.246	129	7179	0.767	ug/L	83
50) 1,2-Dibromoethane	8.355	107	6701	0.785	ug/L #	99
51) Chlorobenzene	8.879	112	27969	0.737	ug/L	97
52) Ethylbenzene	9.008	91	47181	0.701	ug/L	100
53) m,p-Xylene	9.136	106	16824	0.692	ug/L	91
54) o-Xylene	9.538	106	17521	0.719	ug/L	96
55) Styrene	9.558	104	26811	0.647	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.236	83	9169	0.777	ug/L	97
59) Bromoform	9.728	173	3459	0.906	ug/L	98
60) Isopropylbenzene	9.924	105	45677	0.728	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	6317	0.772	ug/L	96
62) 1,3,5-Trimethylbenzene	10.532	105	12772	0.707	ug/L	95
63) 1,2,4-Trimethylbenzene	10.908	105	34229	0.706	ug/L	100
64) 1,3-Dichlorobenzene	11.175	146	19117	0.766	ug/L	100
65) 1,4-Dichlorobenzene	11.265	146	18847	0.752	ug/L	98
67) 1,2-Dichlorobenzene	11.638	146	17325	0.750	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.423	75	1171	0.799	ug/L	97
69) 1,3,5-Trichlorobenzene	12.638	180	14222	0.798	ug/L	94
70) 1,2,4-trichlorobenzene	13.252	180	10062	0.719	ug/L	97
71) Naphthalene	13.496	128	16696	0.701	ug/L	99
72) 1,2,3-Trichlorobenzene	13.734	180	8962	0.732	ug/L	96

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

Quant Time: Oct 27 04:36:08 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Oct 27 04:33:35 2022
Response via : Initial Calibration

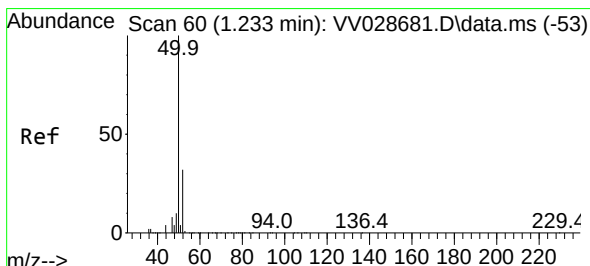
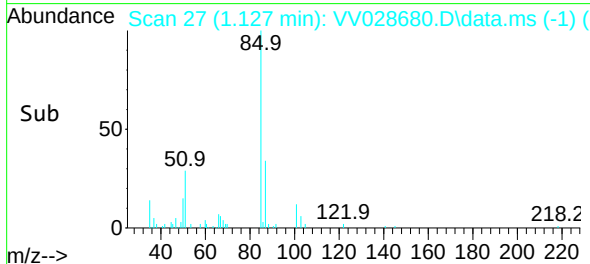
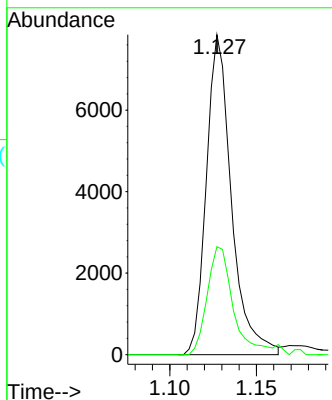
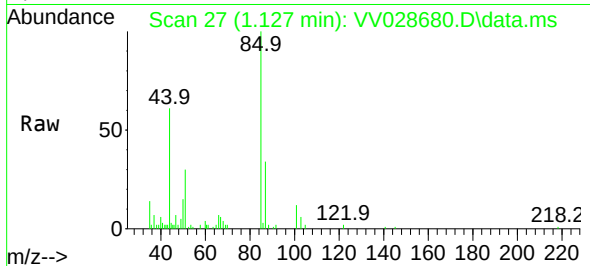




#2
 Dichlorodifluoromethane
 Concen: 0.701 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV028680.D
 Acq: 25 Oct 2022 11:00

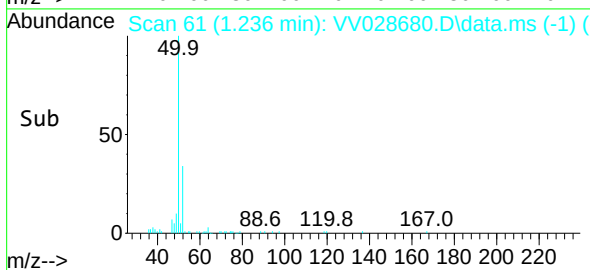
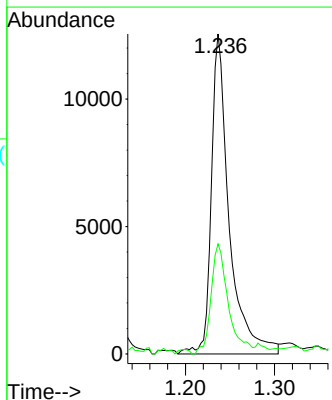
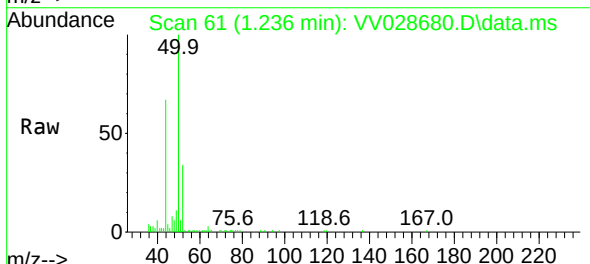
Instrument :
 MSVOA_V
 ClientSampleId :

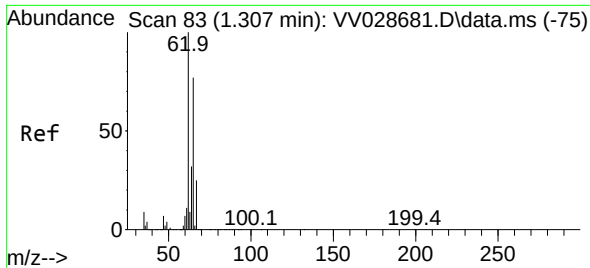
Tgt Ion: 85 Resp: 7901
 Ion Ratio Lower Upper
 85 100
 87 35.8 26.6 40.0



#3
 Chloromethane
 Concen: 0.779 ug/L
 RT: 1.236 min Scan# 61
 Delta R.T. 0.003 min
 Lab File: VV028680.D
 Acq: 25 Oct 2022 11:00

Tgt Ion: 50 Resp: 17407
 Ion Ratio Lower Upper
 50 100
 52 34.4 21.8 40.6

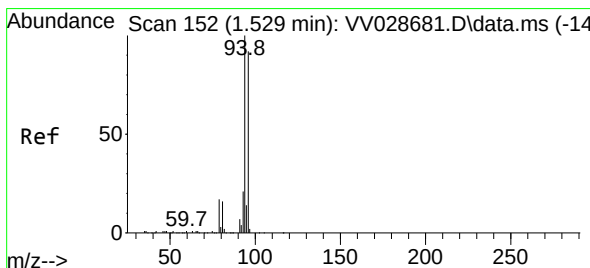
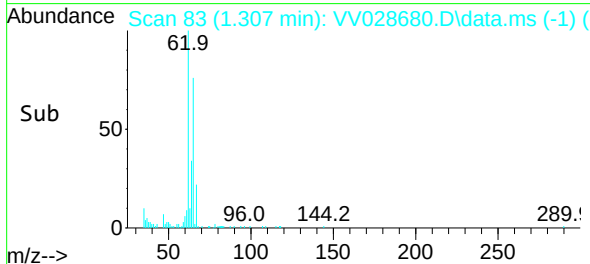
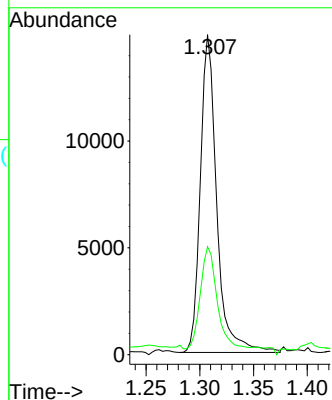
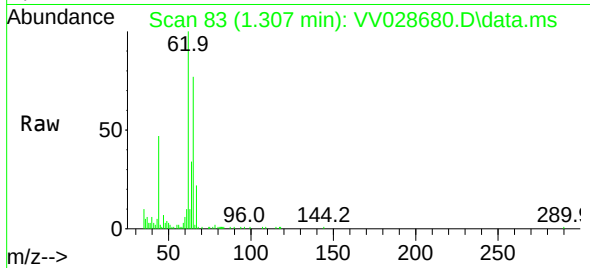




#5
 Vinyl chloride
 Concen: 0.735 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VV028680.D
 Acq: 25 Oct 2022 11:00

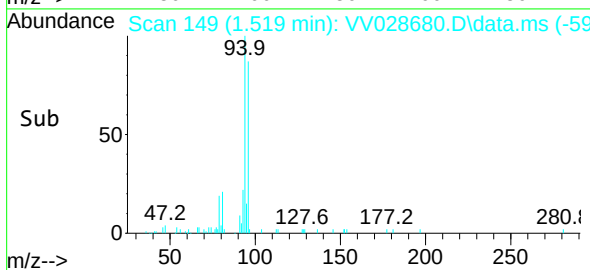
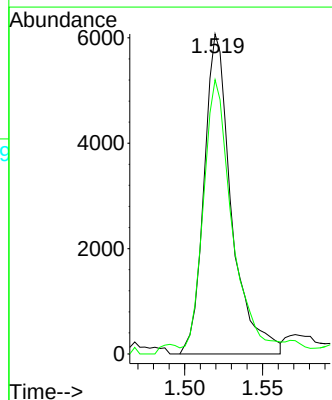
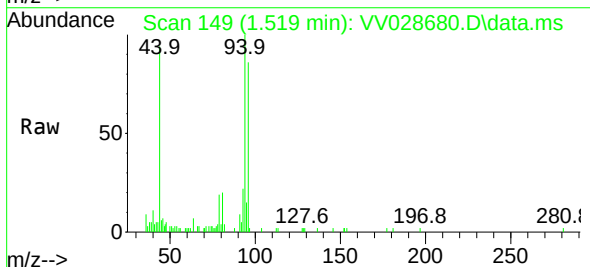
Instrument :
 MSVOA_V
 ClientSampleId :

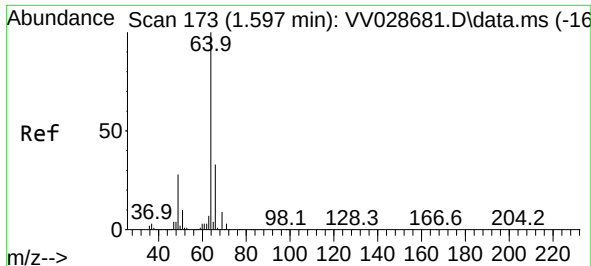
Tgt Ion: 62 Resp: 15815
 Ion Ratio Lower Upper
 62 100
 64 33.8 22.0 41.0



#6
 Bromomethane
 Concen: 0.708 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.010 min
 Lab File: VV028680.D
 Acq: 25 Oct 2022 11:00

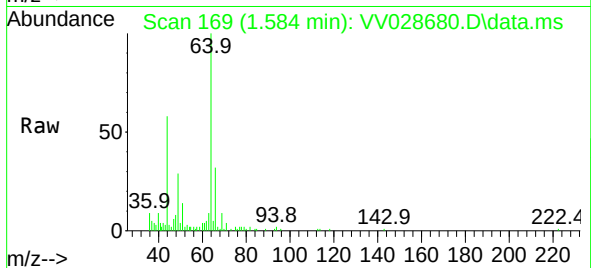
Tgt Ion: 94 Resp: 7430
 Ion Ratio Lower Upper
 94 100
 96 87.9 64.3 119.3



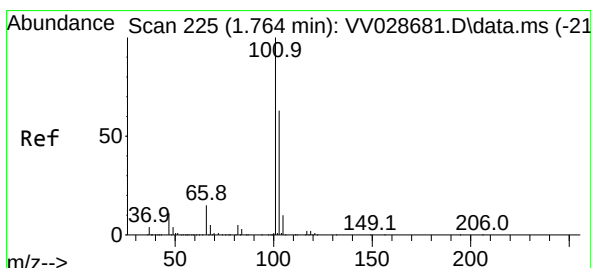
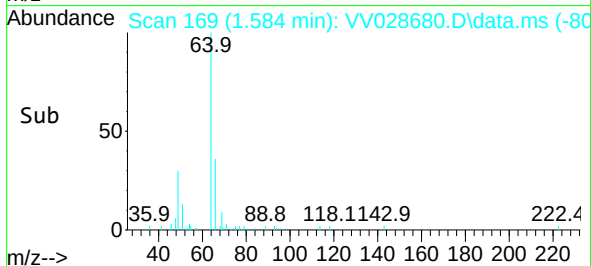
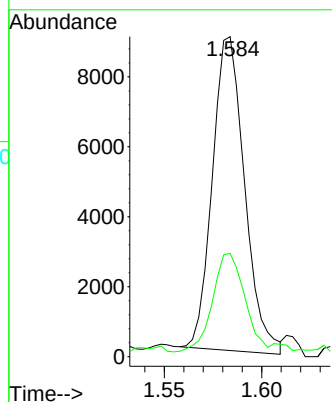


#8
Chloroethane
Concen: 0.711 ug/L
RT: 1.584 min Scan# 1
Delta R.T. -0.013 min
Lab File: VV028680.D
Acq: 25 Oct 2022 11:00

Instrument :
MSVOA_V
ClientSampleId :

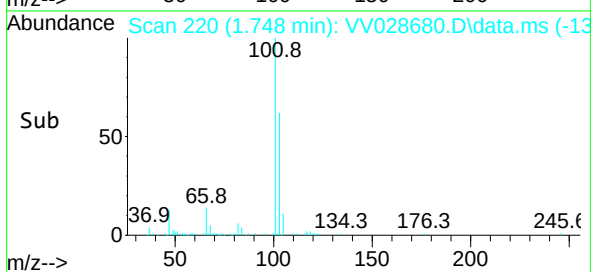
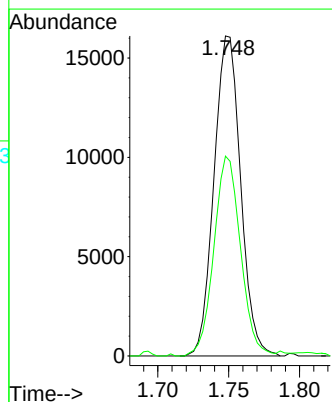
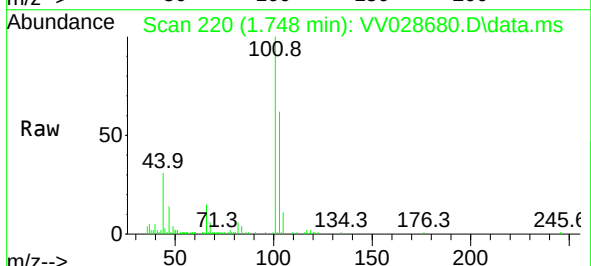


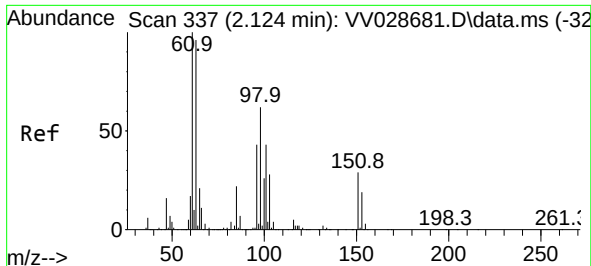
Tgt Ion: 64 Resp: 10294
Ion Ratio Lower Upper
64 100
66 32.3 23.9 44.5



#9
Trichlorofluoromethane
Concen: 0.789 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.016 min
Lab File: VV028680.D
Acq: 25 Oct 2022 11:00

Tgt Ion: 101 Resp: 21086
Ion Ratio Lower Upper
101 100
103 62.4 51.0 76.6





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.760 ug/L

RT: 2.111 min Scan# 333

Delta R.T. -0.013 min

Lab File: VV028680.D

Acq: 25 Oct 2022 11:00

Instrument :

MSVOA_V

ClientSampleId :

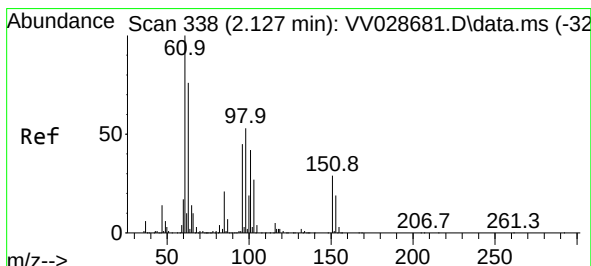
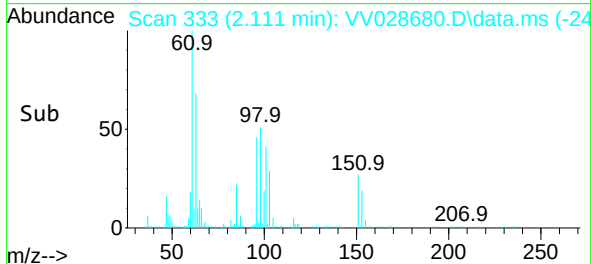
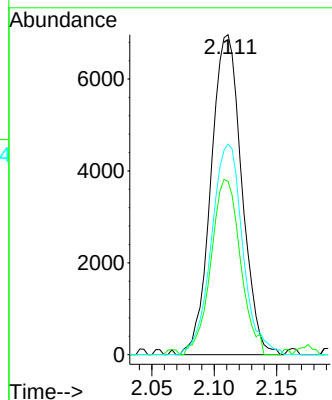
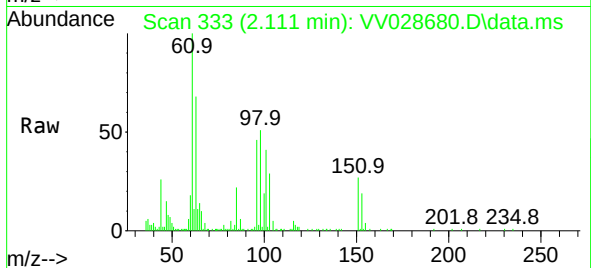
Tgt Ion:101 Resp: 11965

Ion Ratio Lower Upper

101 100

85 52.6 37.0 55.6

151 67.0 50.2 75.2



#12

1,1-Dichloroethene

Concen: 0.732 ug/L

RT: 2.111 min Scan# 333

Delta R.T. -0.016 min

Lab File: VV028680.D

Acq: 25 Oct 2022 11:00

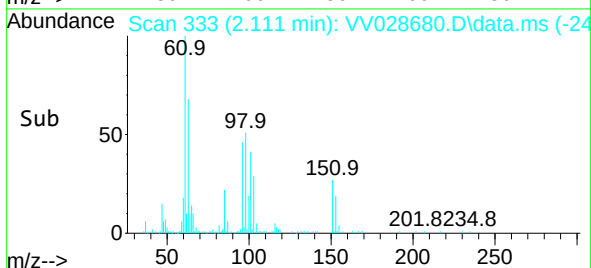
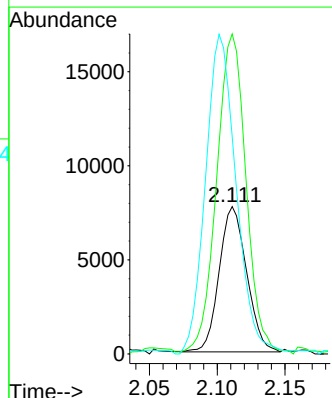
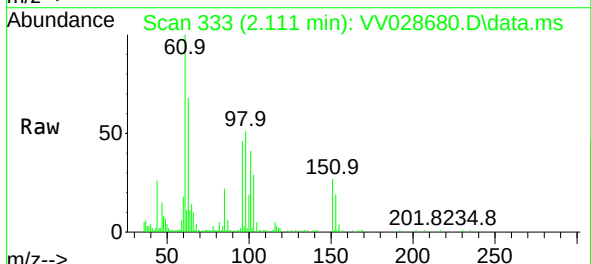
Tgt Ion: 96 Resp: 10908

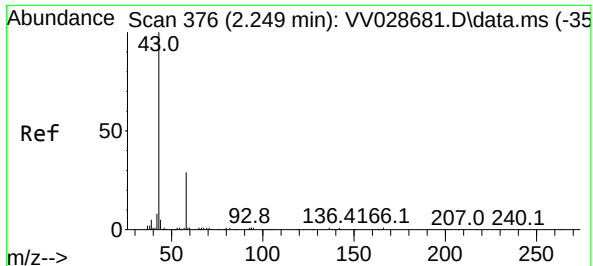
Ion Ratio Lower Upper

96 100

61 217.2 148.1 275.1

63 147.5 133.3 247.7





#13

Acetone

Concen: 6.560 ug/L

RT: 2.246 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV028680.D

Acq: 25 Oct 2022 11:00

Instrument :

MSVOA_V

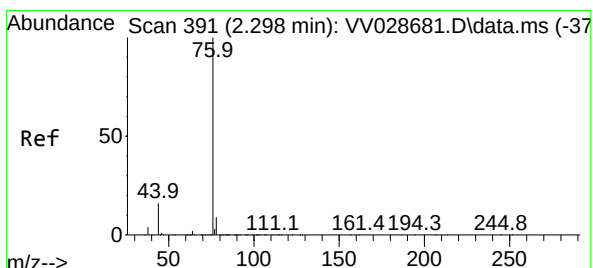
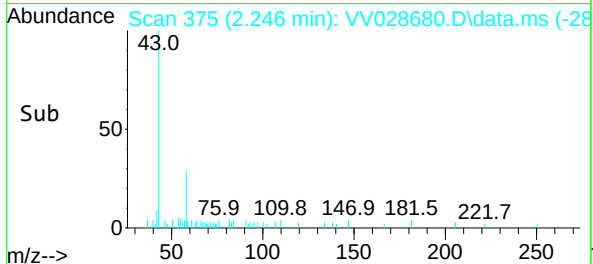
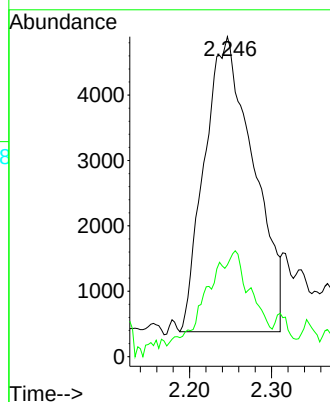
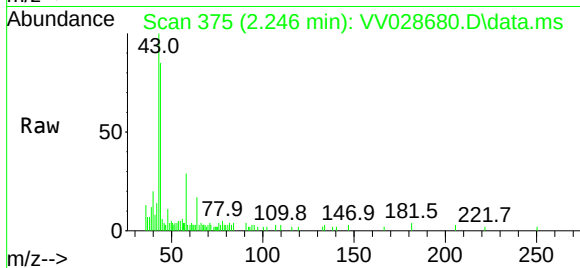
ClientSampleId :

Tgt Ion: 43 Resp: 18712

Ion Ratio Lower Upper

43 100

58 14.3 0.0 50.2



#14

Carbon disulfide

Concen: 0.772 ug/L

RT: 2.285 min Scan# 387

Delta R.T. -0.013 min

Lab File: VV028680.D

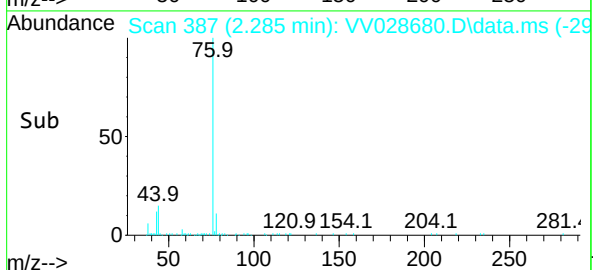
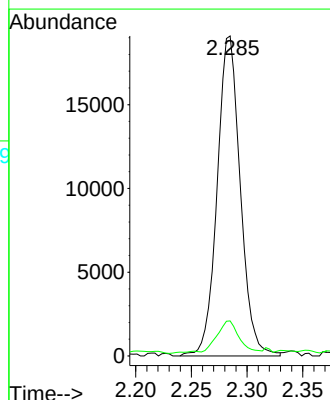
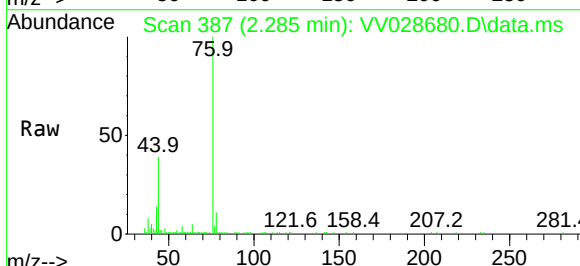
Acq: 25 Oct 2022 11:00

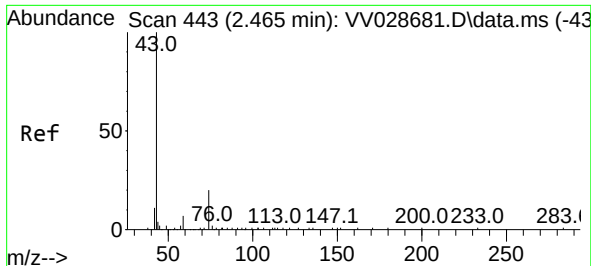
Tgt Ion: 76 Resp: 27654

Ion Ratio Lower Upper

76 100

78 12.0 7.1 10.7#

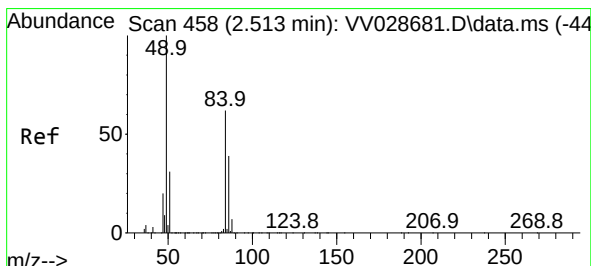
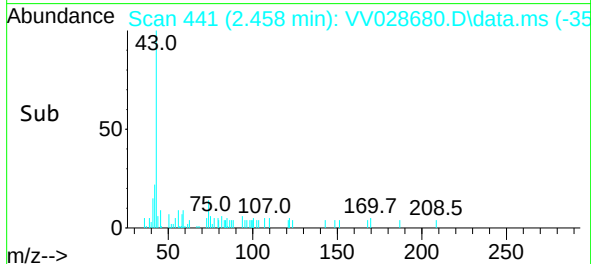
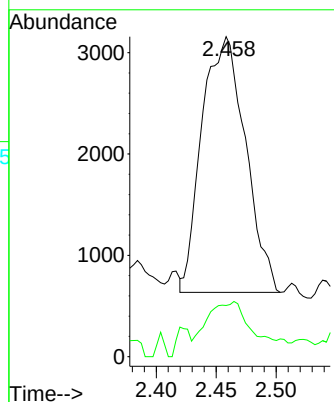
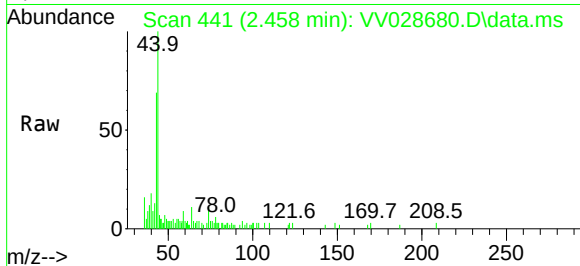




#15
Methyl Acetate
Concen: 0.751 ug/L
RT: 2.458 min Scan# 441
Delta R.T. -0.007 min
Lab File: VV028680.D
Acq: 25 Oct 2022 11:00

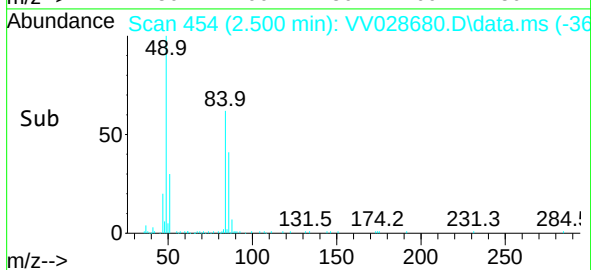
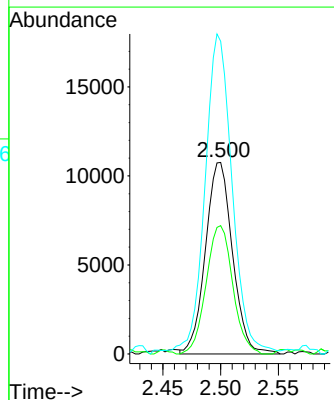
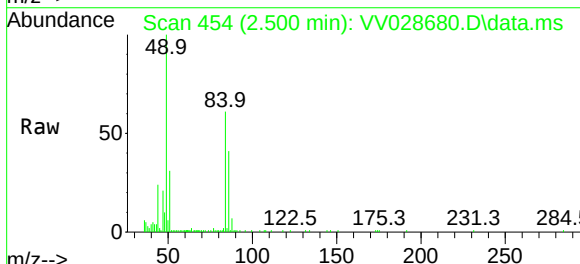
Instrument :
MSVOA_V
ClientSampleId :

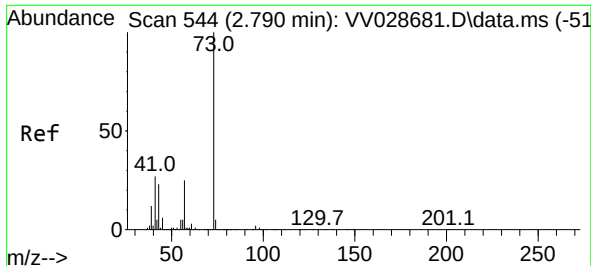
Tgt Ion: 43 Resp: 6379
Ion Ratio Lower Upper
43 100
74 22.8 14.9 22.3#



#16
Methylene chloride
Concen: 0.814 ug/L
RT: 2.500 min Scan# 454
Delta R.T. -0.013 min
Lab File: VV028680.D
Acq: 25 Oct 2022 11:00

Tgt Ion: 84 Resp: 17551
Ion Ratio Lower Upper
84 100
86 67.0 44.4 82.4
49 163.2 110.8 205.8





#17

Methyl tert-butyl Ether

Concen: 0.796 ug/L

RT: 2.777 min Scan# 544

Delta R.T. -0.013 min

Lab File: VV028680.D

Acq: 25 Oct 2022 11:00

Instrument :

MSVOA_V

ClientSampleId :

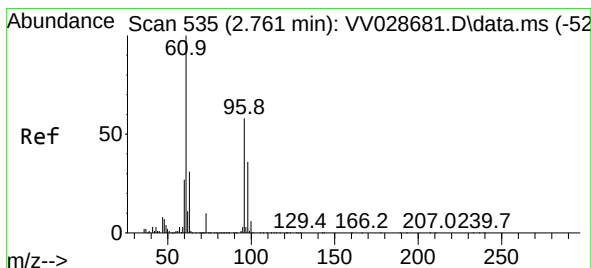
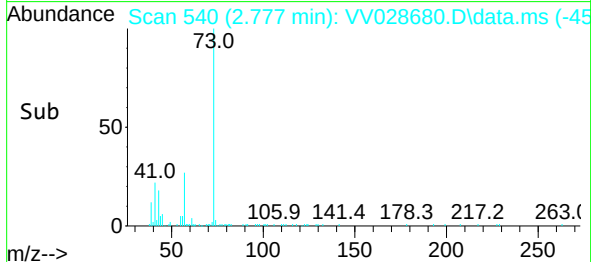
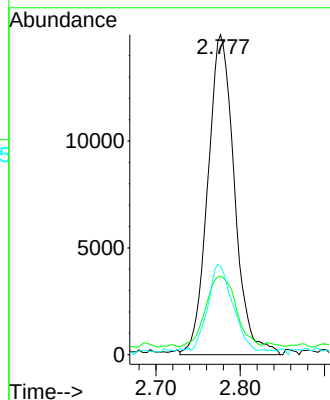
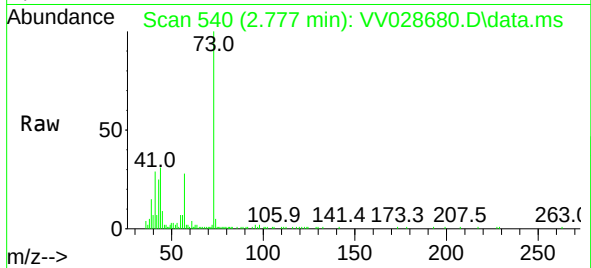
Tgt Ion: 73 Resp: 32876

Ion Ratio Lower Upper

73 100

43 25.2 18.0 27.0

57 24.8 20.0 30.0



#18

trans-1,2-Dichloroethene

Concen: 0.775 ug/L

RT: 2.748 min Scan# 531

Delta R.T. -0.013 min

Lab File: VV028680.D

Acq: 25 Oct 2022 11:00

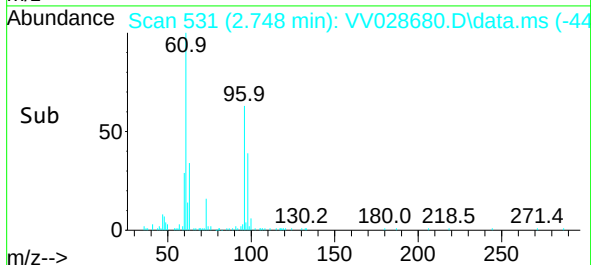
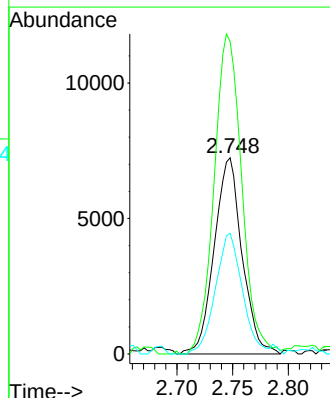
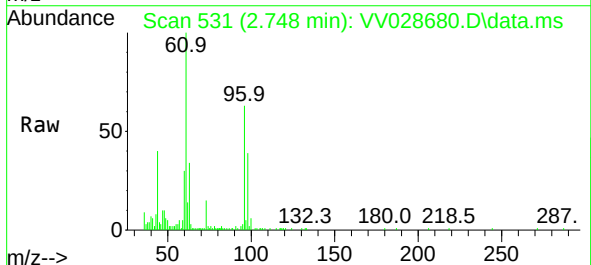
Tgt Ion: 96 Resp: 12566

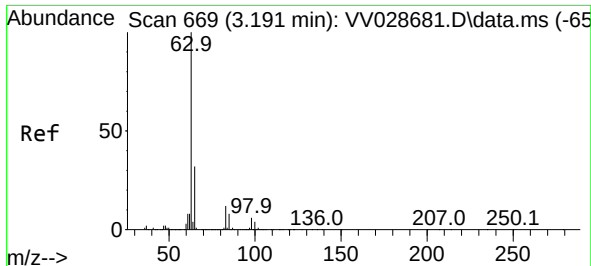
Ion Ratio Lower Upper

96 100

61 159.1 114.3 212.3

98 61.5 45.0 83.6





#19

1,1-Dichloroethane

Concen: 0.808 ug/L

RT: 3.175 min Scan# 6

Delta R.T. -0.016 min

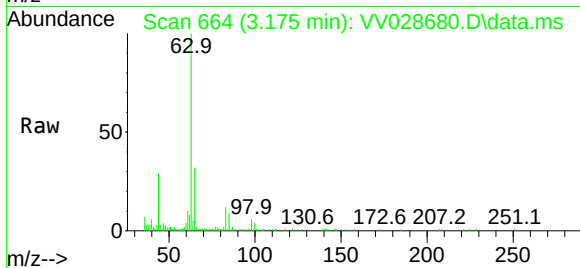
Lab File: VV028680.D

Acq: 25 Oct 2022 11:00

Instrument :

MSVOA_V

ClientSampleId :



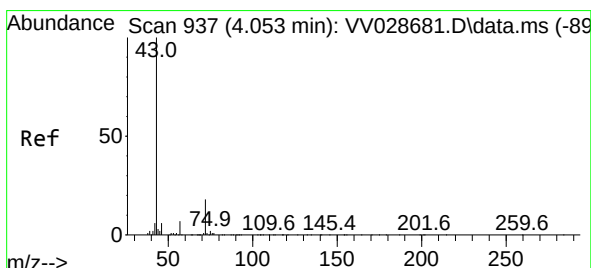
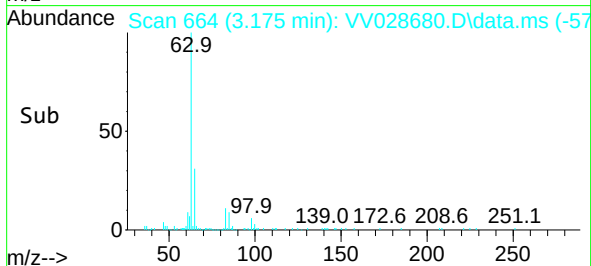
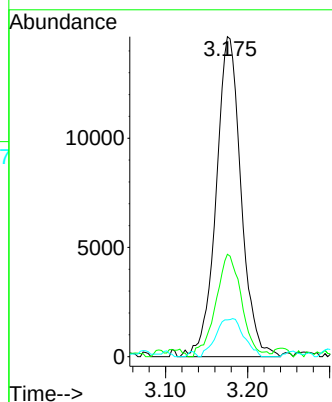
Tgt Ion: 63 Resp: 30920

Ion Ratio Lower Upper

63 100

65 32.0 23.1 42.9

83 11.5 7.9 14.7



#21

2-Butanone

Concen: 6.932 ug/L

RT: 4.047 min Scan# 935

Delta R.T. -0.006 min

Lab File: VV028680.D

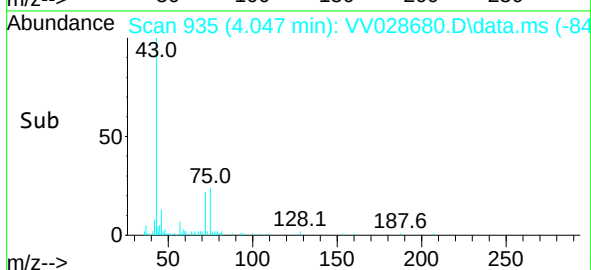
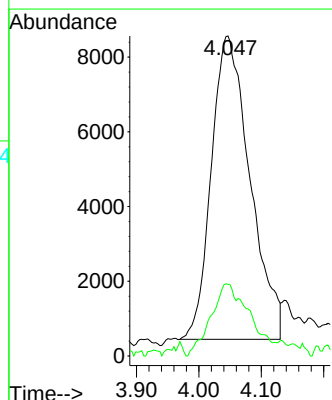
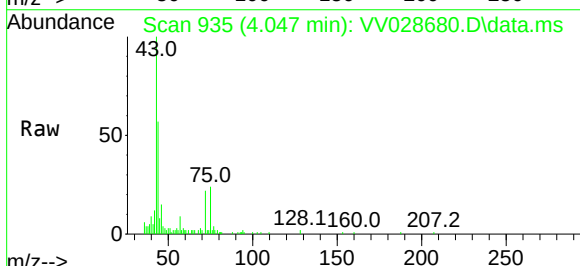
Acq: 25 Oct 2022 11:00

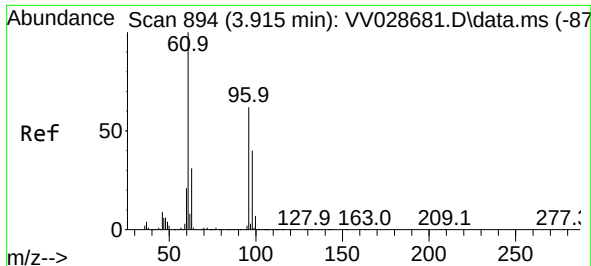
Tgt Ion: 43 Resp: 35025

Ion Ratio Lower Upper

43 100

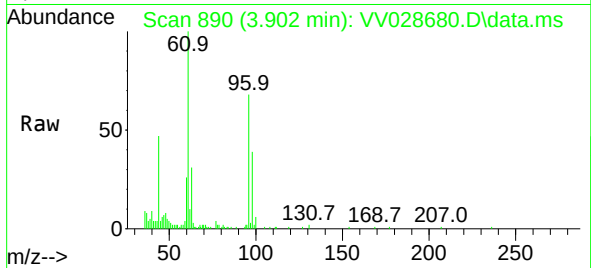
72 24.1 10.2 30.4



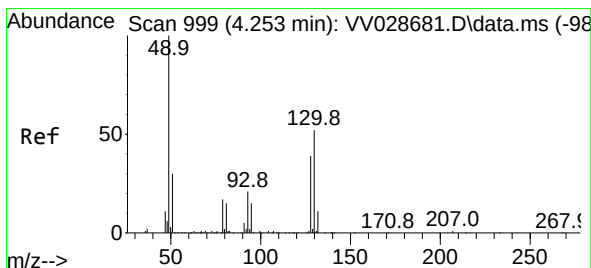
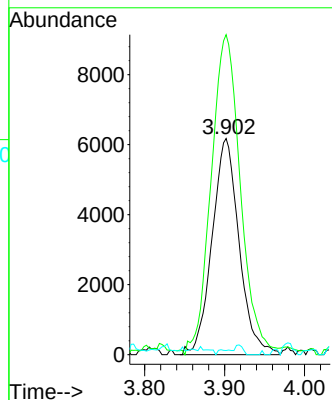
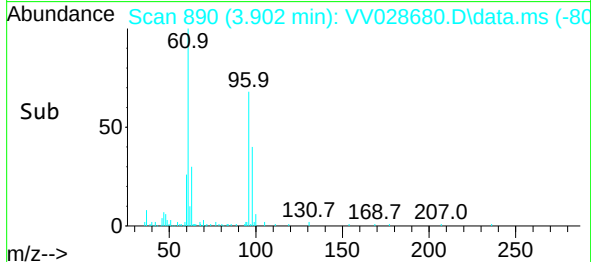


#22
 cis-1,2-Dichloroethene
 Concen: 0.771 ug/L
 RT: 3.902 min Scan# 894
 Delta R.T. -0.013 min
 Lab File: VV028680.D
 Acq: 25 Oct 2022 11:00

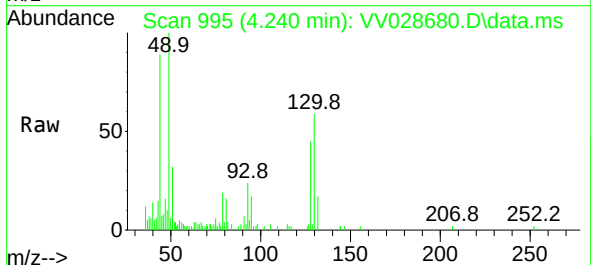
Instrument :
 MSVOA_V
 ClientSampleId :



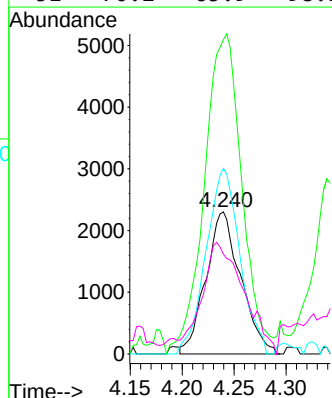
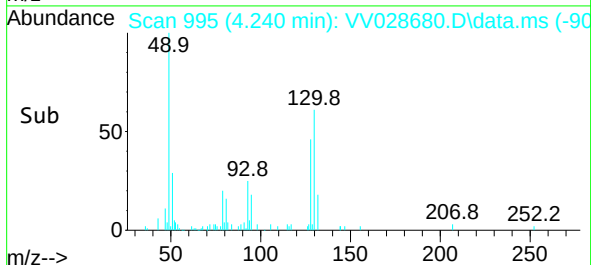
Tgt Ion: 96 Resp: 14500
 Ion Ratio Lower Upper
 96 100
 61 148.0 101.4 188.2
 68 2.0 0.5 0.9

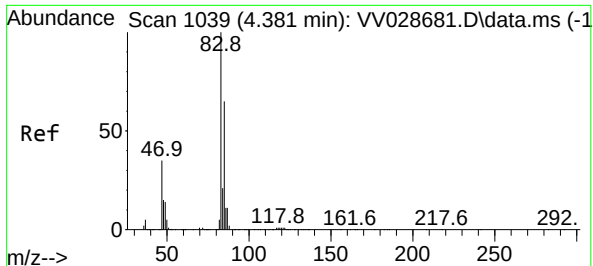


#23
 Bromochloromethane
 Concen: 0.774 ug/L
 RT: 4.240 min Scan# 995
 Delta R.T. -0.013 min
 Lab File: VV028680.D
 Acq: 25 Oct 2022 11:00



Tgt Ion: 128 Resp: 5354
 Ion Ratio Lower Upper
 128 100
 49 221.1 171.1 317.7
 130 130.7 86.4 160.4
 51 70.2 65.9 98.9





#25

Chloroform

Concen: 0.798 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. -0.010 min

Lab File: VV028680.D

Acq: 25 Oct 2022 11:00

Instrument :

MSVOA_V

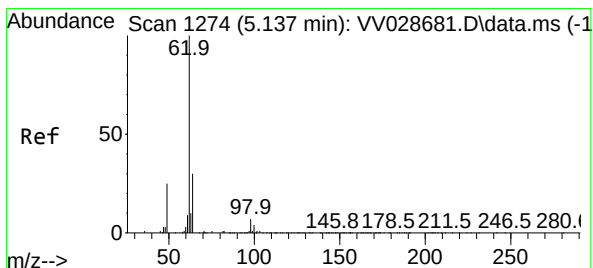
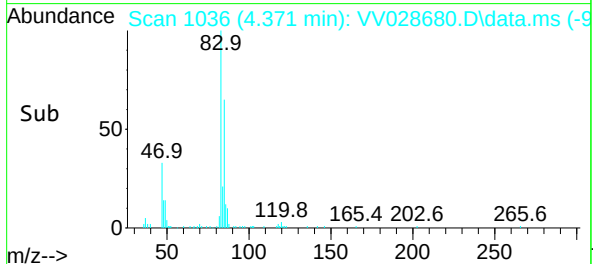
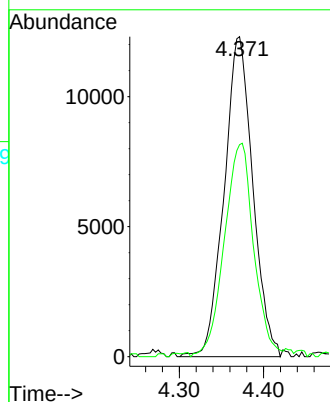
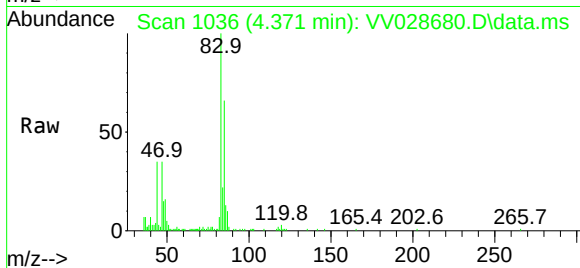
ClientSampleId :

Tgt Ion: 83 Resp: 29024

Ion Ratio Lower Upper

83 100

85 66.3 44.1 81.9



#27

1,2-Dichloroethane

Concen: 0.743 ug/L

RT: 5.137 min Scan# 1274

Delta R.T. -0.000 min

Lab File: VV028680.D

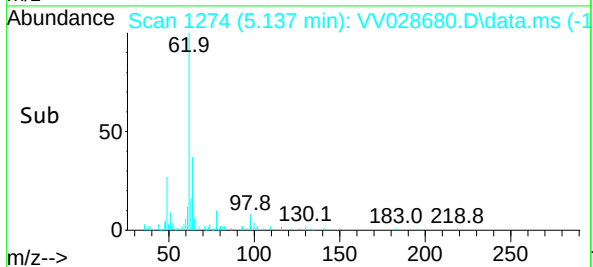
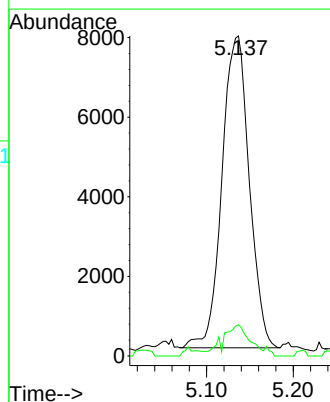
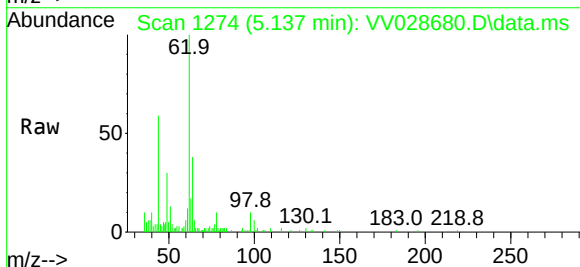
Acq: 25 Oct 2022 11:00

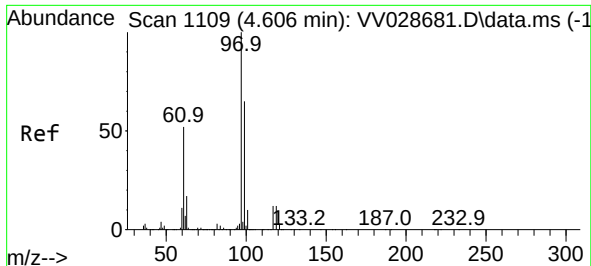
Tgt Ion: 62 Resp: 17157

Ion Ratio Lower Upper

62 100

98 9.7 6.6 9.8





#29

1,1,1-Trichloroethane

Concen: 0.809 ug/L

RT: 4.593 min Scan# 1105

Delta R.T. -0.013 min

Lab File: VV028680.D

Acq: 25 Oct 2022 11:00

Instrument :

MSVOA_V

ClientSampleId :

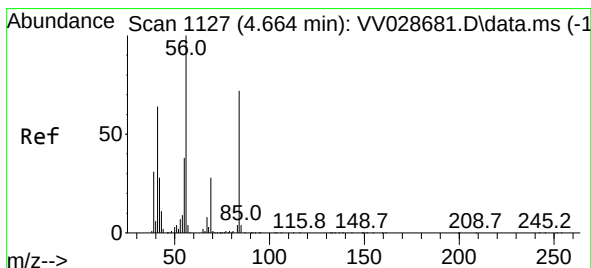
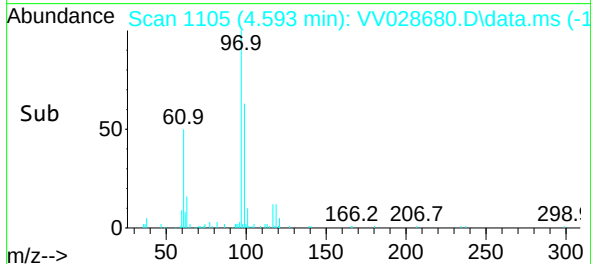
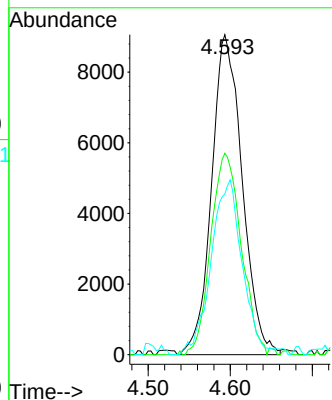
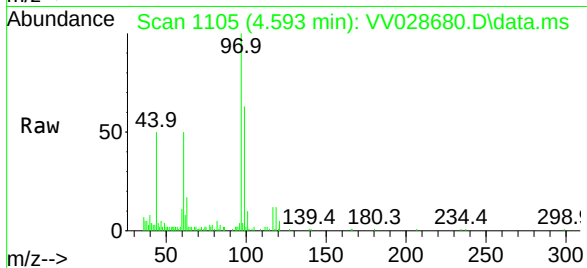
Tgt Ion: 97 Resp: 23475

Ion Ratio Lower Upper

97 100

99 62.7 50.5 75.7

61 56.0 43.1 64.7



#30

Cyclohexane

Concen: 0.800 ug/L

RT: 4.654 min Scan# 1124

Delta R.T. -0.010 min

Lab File: VV028680.D

Acq: 25 Oct 2022 11:00

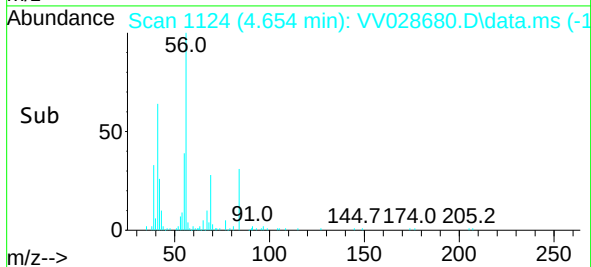
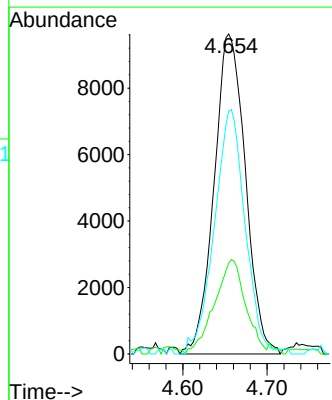
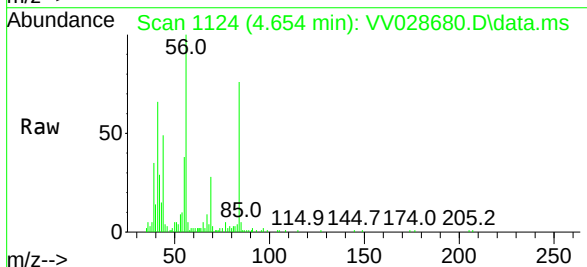
Tgt Ion: 56 Resp: 24855

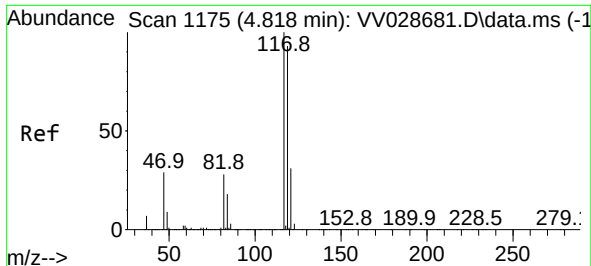
Ion Ratio Lower Upper

56 100

69 29.3 22.6 34.0

84 74.6 60.4 90.6

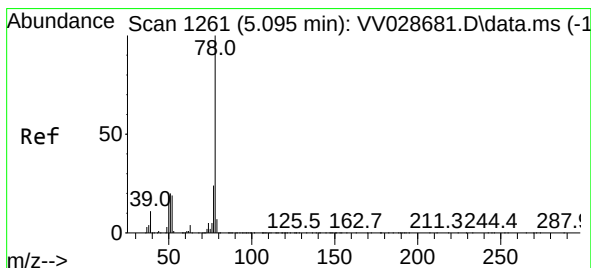
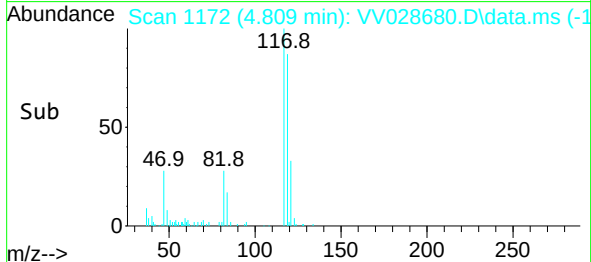
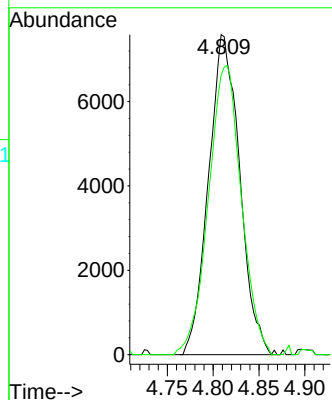
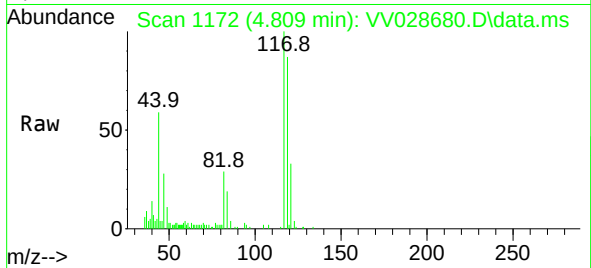




#31
Carbon tetrachloride
Concen: 0.829 ug/L
RT: 4.809 min Scan# 1175
Delta R.T. -0.010 min
Lab File: VV028680.D
Acq: 25 Oct 2022 11:00

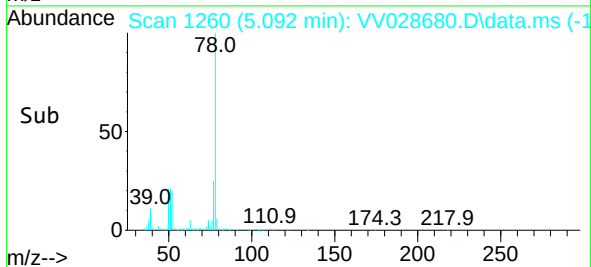
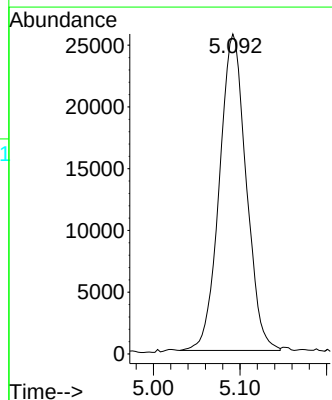
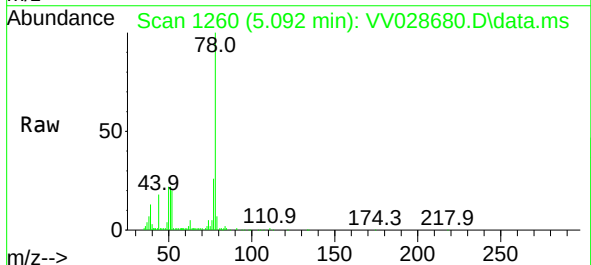
Instrument :
MSVOA_V
ClientSampleId :

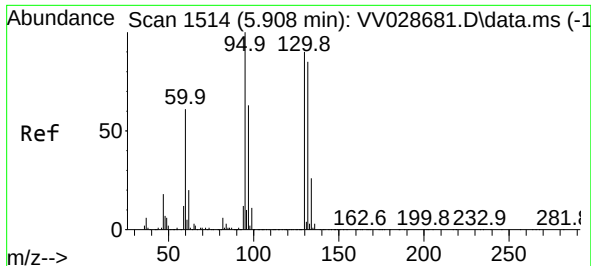
Tgt Ion:117 Resp: 17904
Ion Ratio Lower Upper
117 100
119 95.4 76.1 114.1



#33
Benzene
Concen: 0.711 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. -0.003 min
Lab File: VV028680.D
Acq: 25 Oct 2022 11:00

Tgt Ion: 78 Resp: 55071





#34

Trichloroethene

Concen: 0.773 ug/L

RT: 5.905 min Scan# 1513

Delta R.T. -0.003 min

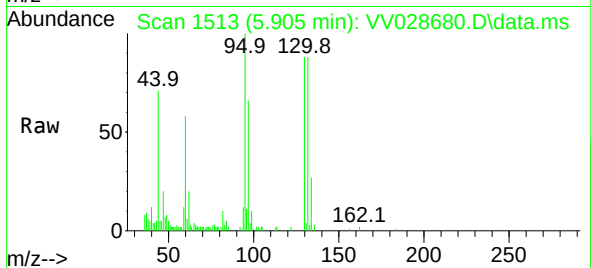
Lab File: VV028680.D

Acq: 25 Oct 2022 11:00

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 13705

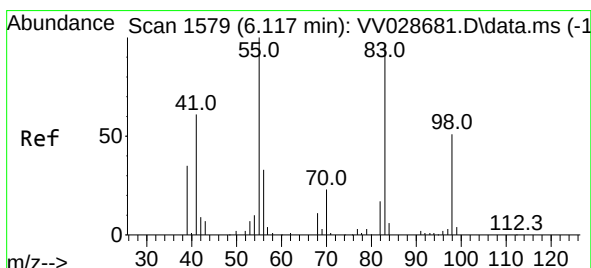
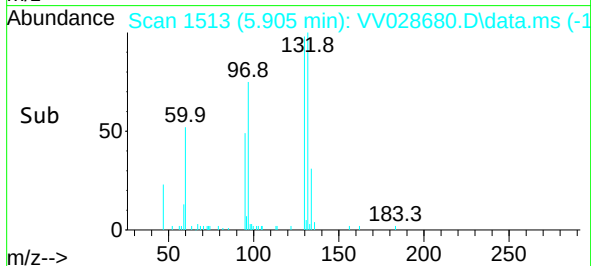
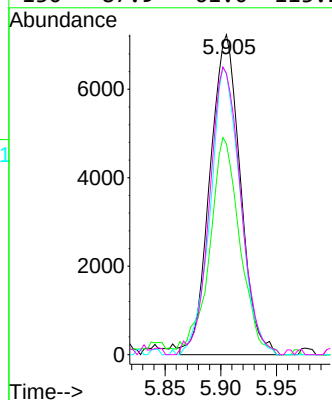
Ion Ratio Lower Upper

95 100

97 65.9 43.5 80.9

132 87.8 56.5 104.9

130 87.9 61.0 113.2



#35

Methylcyclohexane

Concen: 0.614 ug/L

RT: 6.114 min Scan# 1578

Delta R.T. -0.003 min

Lab File: VV028680.D

Acq: 25 Oct 2022 11:00

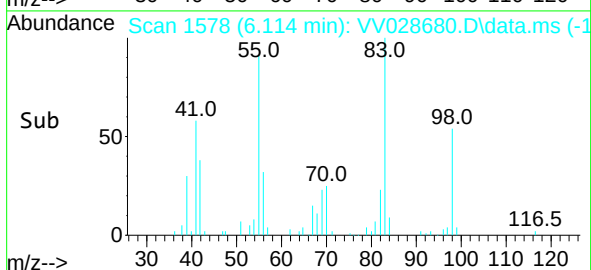
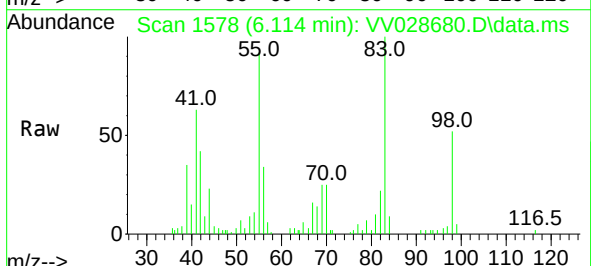
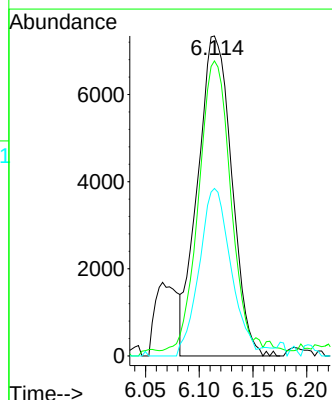
Tgt Ion: 83 Resp: 16138

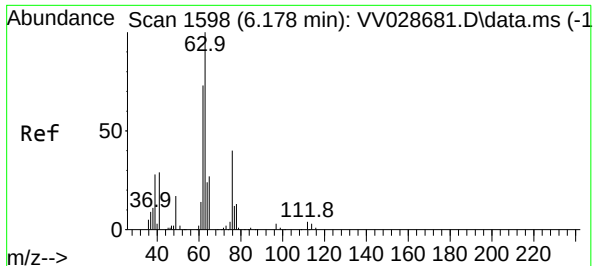
Ion Ratio Lower Upper

83 100

55 84.7 70.0 105.0

98 49.1 35.6 53.4





#37

1,2-Dichloropropane

Concen: 0.620 ug/L

RT: 6.175 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV028680.D

Acq: 25 Oct 2022 11:00

Instrument :

MSVOA_V

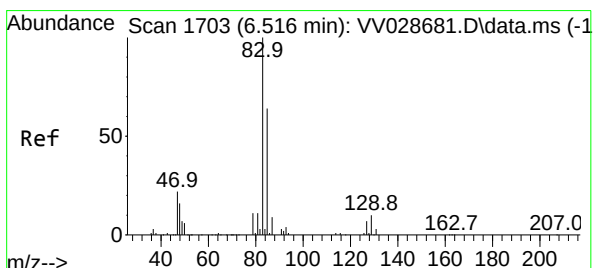
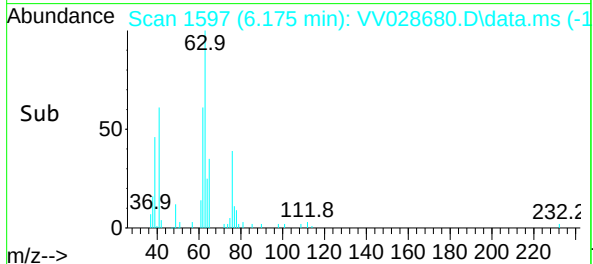
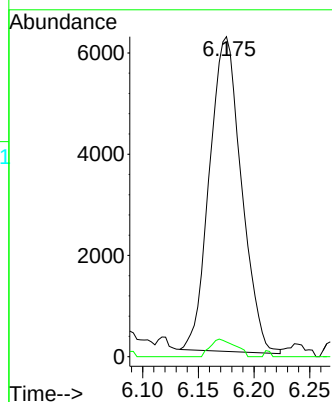
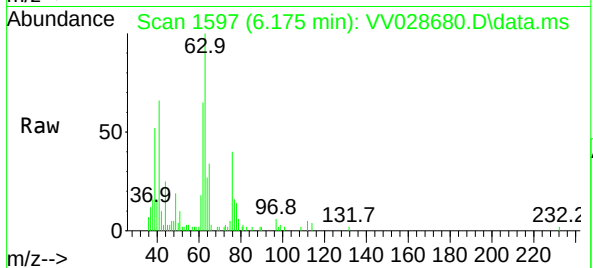
ClientSampleId :

Tgt Ion: 63 Resp: 12416

Ion Ratio Lower Upper

63 100

112 4.3 3.4 5.2



#38

Bromodichloromethane

Concen: 0.770 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. -0.007 min

Lab File: VV028680.D

Acq: 25 Oct 2022 11:00

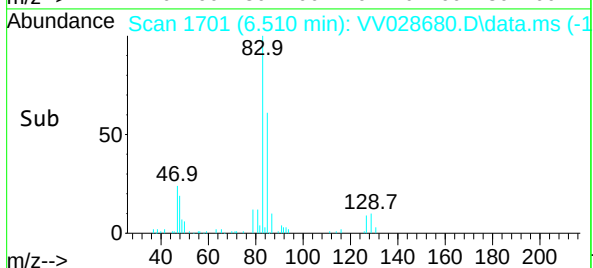
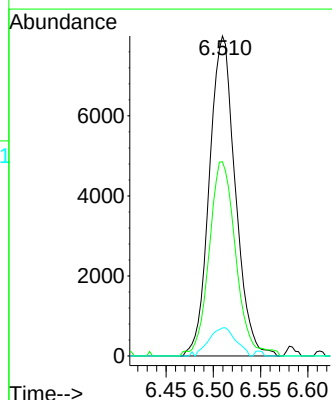
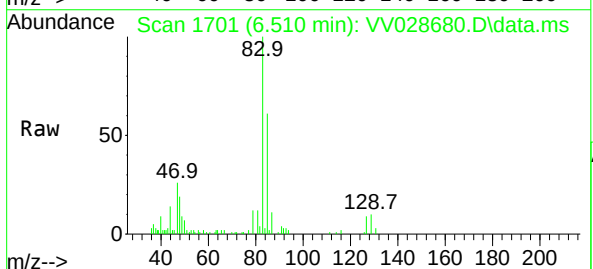
Tgt Ion: 83 Resp: 15255

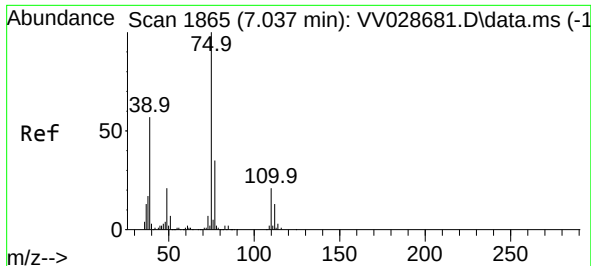
Ion Ratio Lower Upper

83 100

85 62.3 45.1 83.9

127 8.7 5.7 8.5#





#39

cis-1,3-Dichloropropene

Concen: 0.666 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. -0.010 min

Lab File: VV028680.D

Acq: 25 Oct 2022 11:00

Instrument :

MSVOA_V

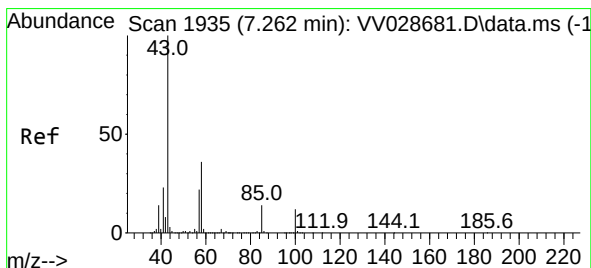
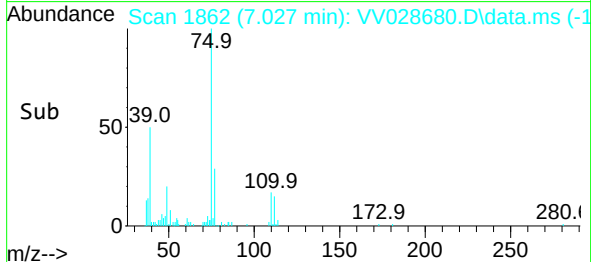
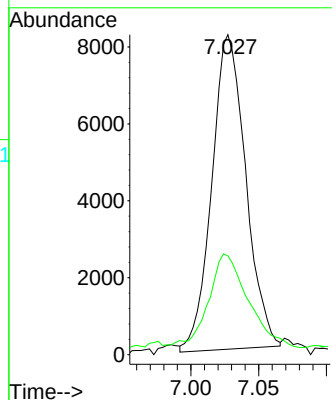
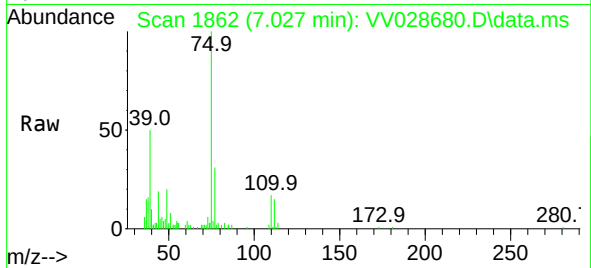
ClientSampleId :

Tgt Ion: 75 Resp: 14245

Ion Ratio Lower Upper

75 100

77 30.9 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 6.763 ug/L

RT: 7.252 min Scan# 1932

Delta R.T. -0.010 min

Lab File: VV028680.D

Acq: 25 Oct 2022 11:00

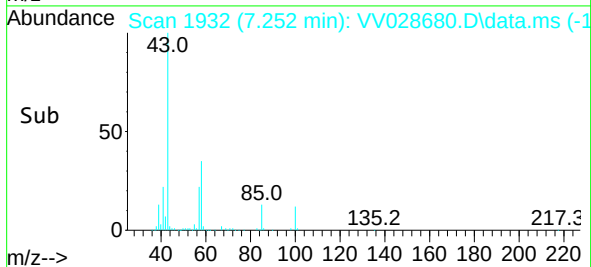
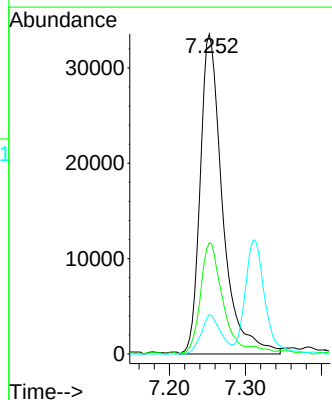
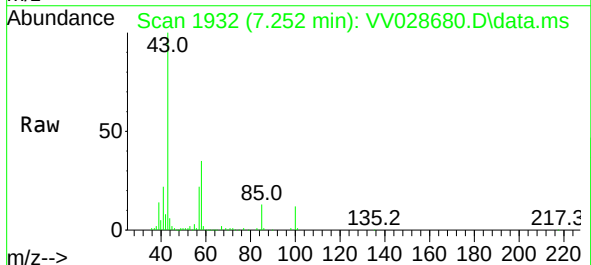
Tgt Ion: 43 Resp: 68578

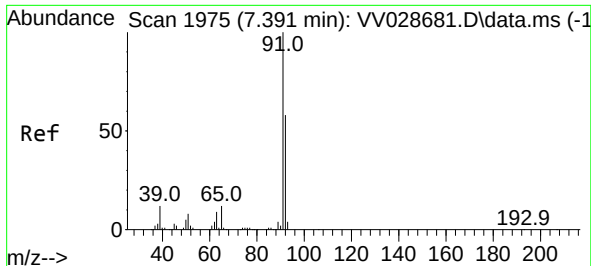
Ion Ratio Lower Upper

43 100

58 34.1 29.6 44.4

100 11.1 9.4 14.0

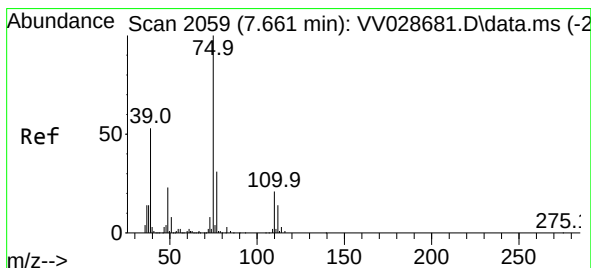
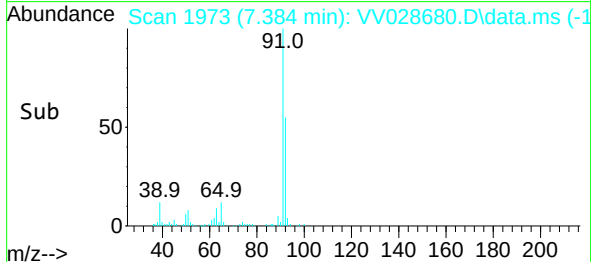
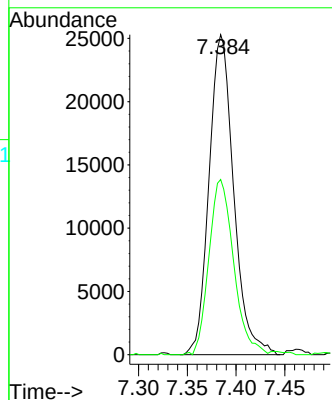
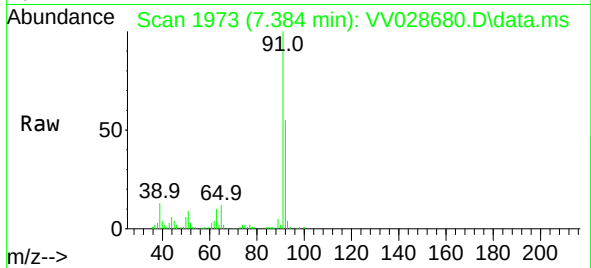




#42
Toluene
Concen: 0.685 ug/L
RT: 7.384 min Scan# 1975
Delta R.T. -0.006 min
Lab File: VV028680.D
Acq: 25 Oct 2022 11:00

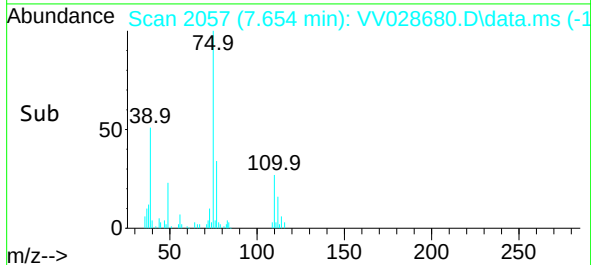
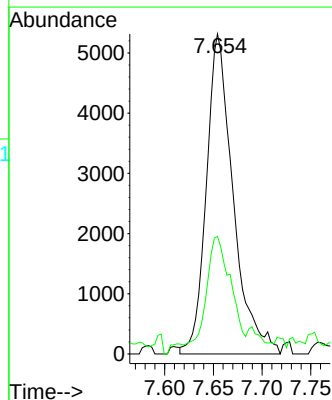
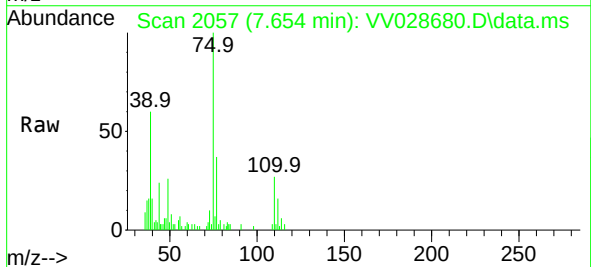
Instrument :
MSVOA_V
ClientSampleId :

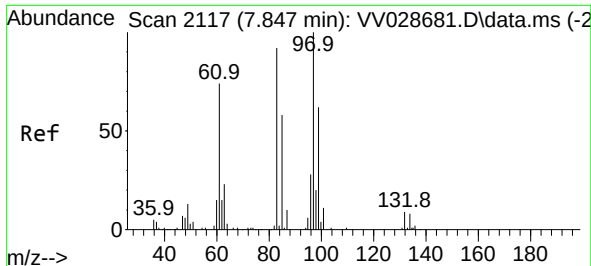
Tgt Ion: 91 Resp: 44364
Ion Ratio Lower Upper
91 100
92 54.8 40.5 75.3



#44
trans-1,3-Dichloropropene
Concen: 0.647 ug/L
RT: 7.654 min Scan# 2057
Delta R.T. -0.007 min
Lab File: VV028680.D
Acq: 25 Oct 2022 11:00

Tgt Ion: 75 Resp: 10159
Ion Ratio Lower Upper
75 100
77 36.8 22.6 42.0





#45

1,1,2-Trichloroethane

Concen: 0.794 ug/L

RT: 7.841 min Scan# 2115

Delta R.T. -0.007 min

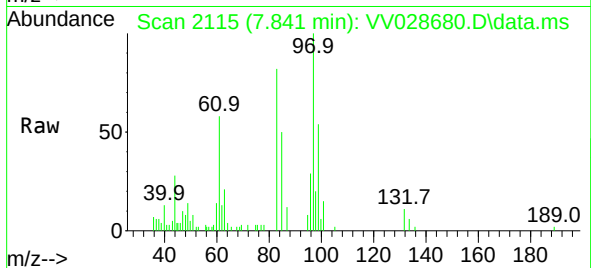
Lab File: VV028680.D

Acq: 25 Oct 2022 11:00

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 97 Resp: 7955

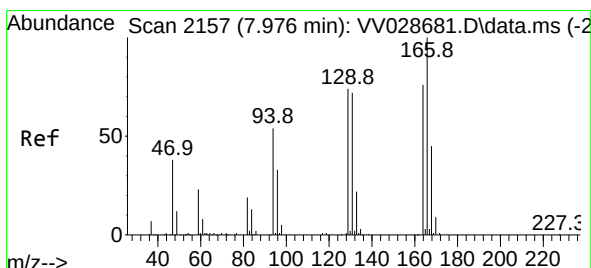
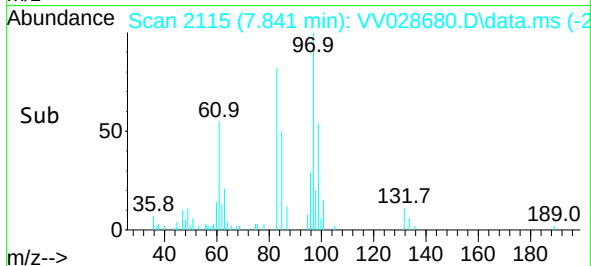
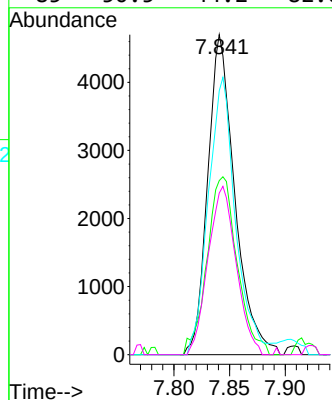
Ion Ratio Lower Upper

97 100

99 54.4 44.0 81.6

83 82.4 66.2 123.0

85 50.5 44.2 82.0



#47

Tetrachloroethene

Concen: 0.788 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. -0.007 min

Lab File: VV028680.D

Acq: 25 Oct 2022 11:00

Tgt Ion: 164 Resp: 7671

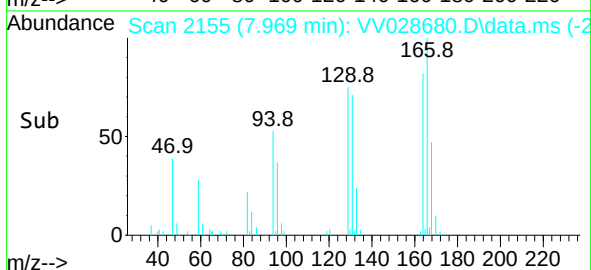
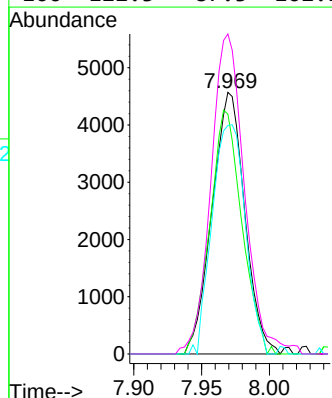
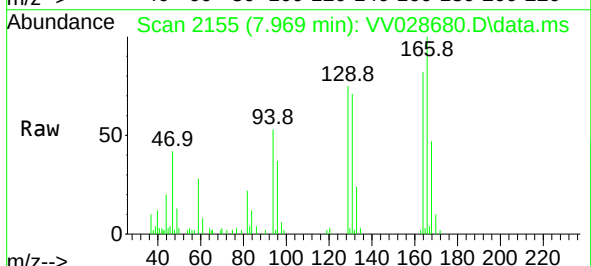
Ion Ratio Lower Upper

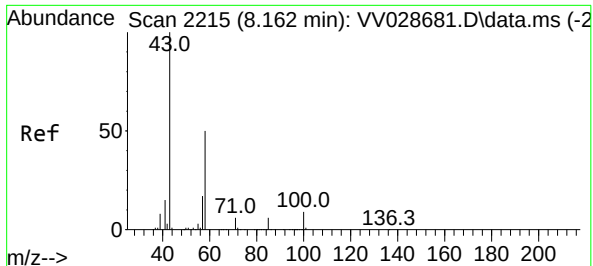
164 100

129 91.7 69.2 128.6

131 87.4 64.2 119.2

166 122.3 87.3 162.1





#48

2-Hexanone

Concen: 6.607 ug/L

RT: 8.162 min Scan# 2215

Delta R.T. -0.000 min

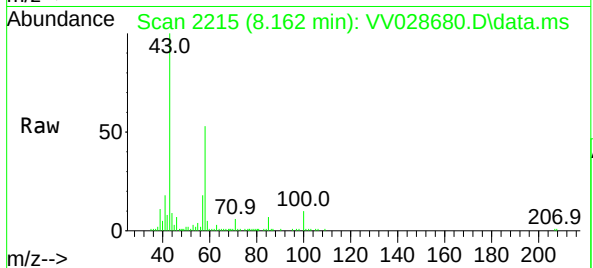
Lab File: VV028680.D

Acq: 25 Oct 2022 11:00

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 42818

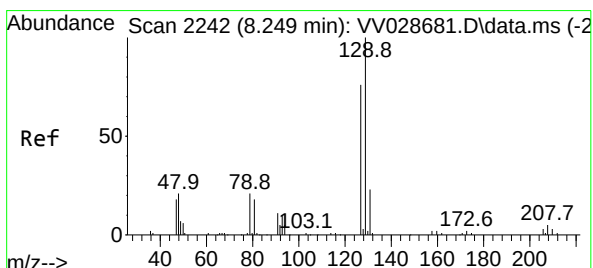
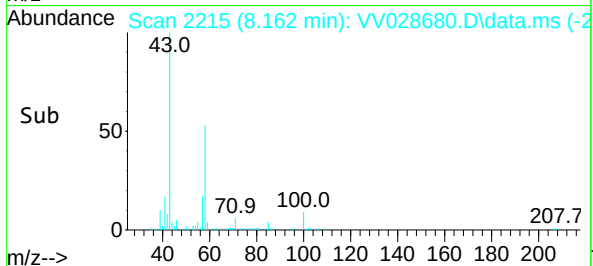
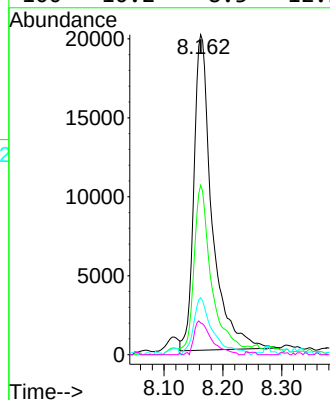
Ion Ratio Lower Upper

43 100

58 49.2 40.6 60.8

57 19.0 13.8 20.8

100 10.2 8.3 12.5



#49

Dibromochloromethane

Concen: 0.767 ug/L

RT: 8.246 min Scan# 2241

Delta R.T. -0.003 min

Lab File: VV028680.D

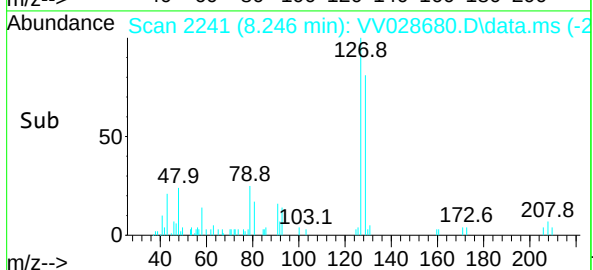
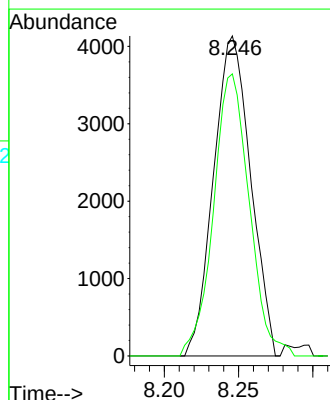
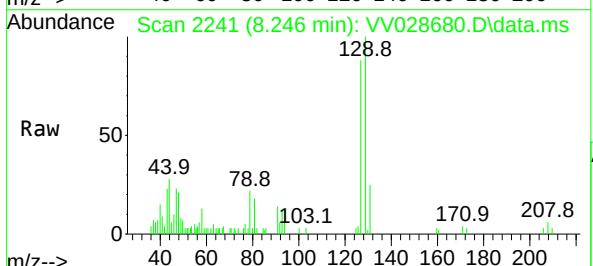
Acq: 25 Oct 2022 11:00

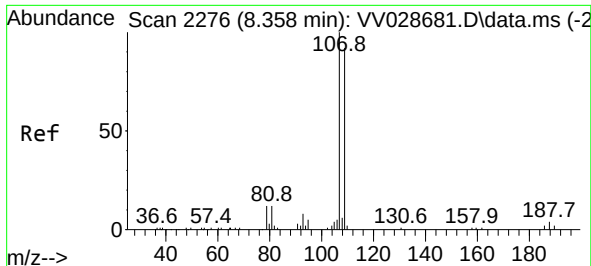
Tgt Ion: 129 Resp: 7179

Ion Ratio Lower Upper

129 100

127 88.2 51.6 95.8





#50

1,2-Dibromoethane

Concen: 0.785 ug/L

RT: 8.355 min Scan# 21

Delta R.T. -0.003 min

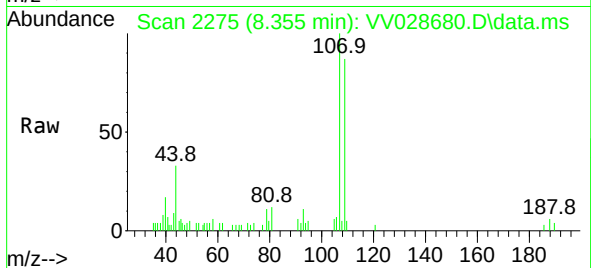
Lab File: VV028680.D

Acq: 25 Oct 2022 11:00

Instrument :

MSVOA_V

ClientSampleId :



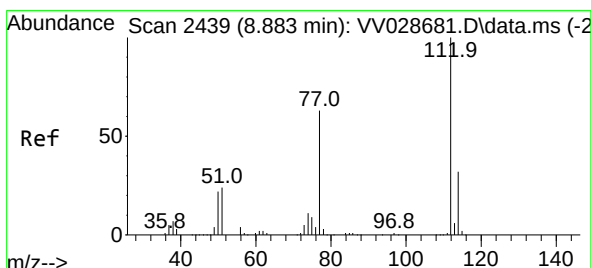
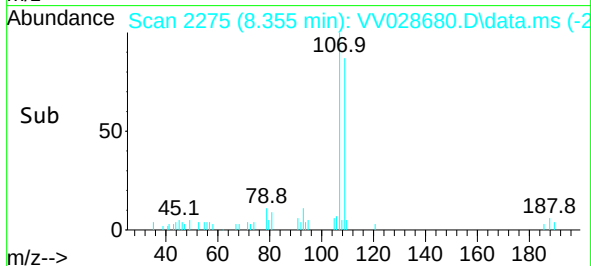
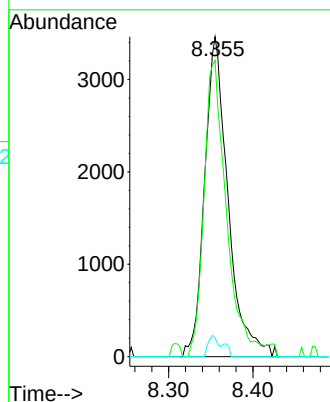
Tgt Ion:107 Resp: 6701

Ion Ratio Lower Upper

107 100

109 92.6 64.0 118.8

188 5.9 2.9 4.3#



#51

Chlorobenzene

Concen: 0.737 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. -0.003 min

Lab File: VV028680.D

Acq: 25 Oct 2022 11:00

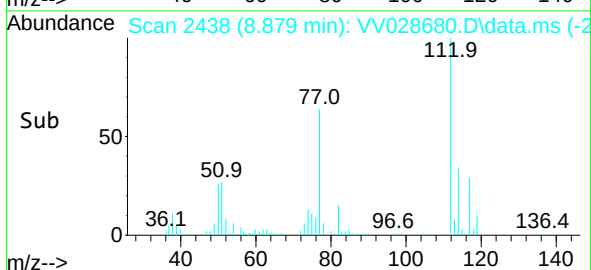
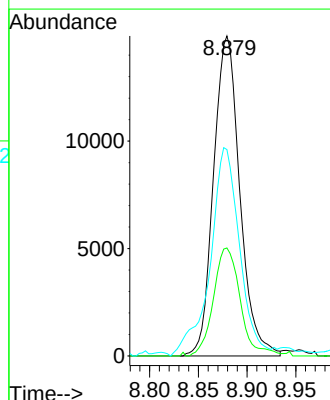
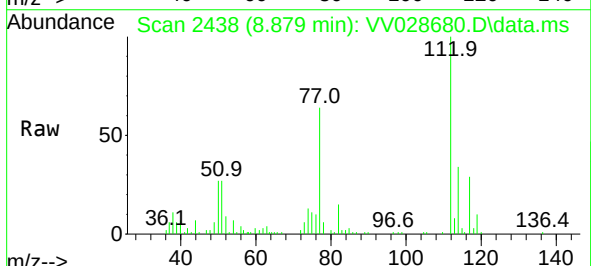
Tgt Ion:112 Resp: 27969

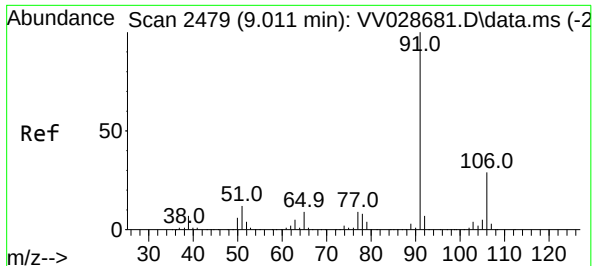
Ion Ratio Lower Upper

112 100

114 33.7 22.0 41.0

77 64.5 50.0 75.0





#52

Ethylbenzene

Concen: 0.701 ug/L

RT: 9.008 min Scan# 2479

Delta R.T. -0.003 min

Lab File: VV028680.D

Acq: 25 Oct 2022 11:00

Instrument :

MSVOA_V

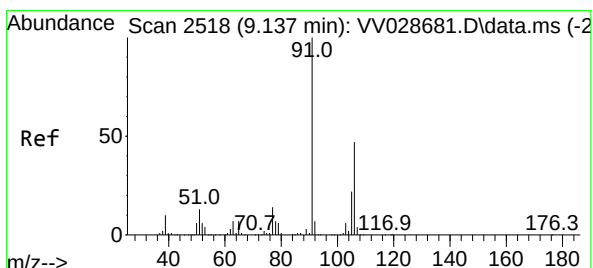
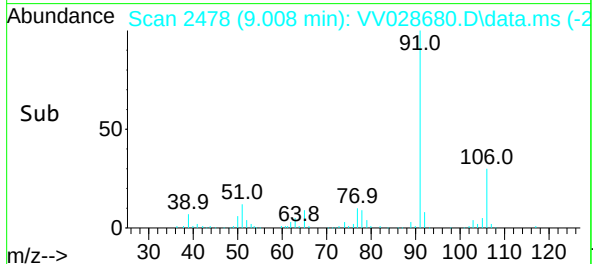
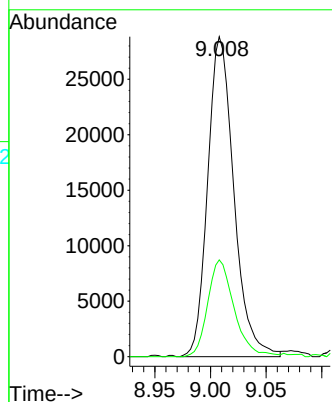
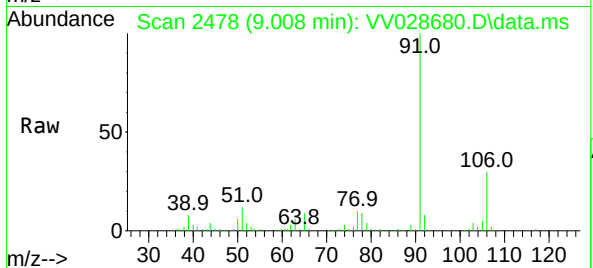
ClientSampleId :

Tgt Ion: 91 Resp: 47181

Ion Ratio Lower Upper

91 100

106 30.3 21.3 39.6



#53

m,p-Xylene

Concen: 0.692 ug/L

RT: 9.136 min Scan# 2518

Delta R.T. -0.000 min

Lab File: VV028680.D

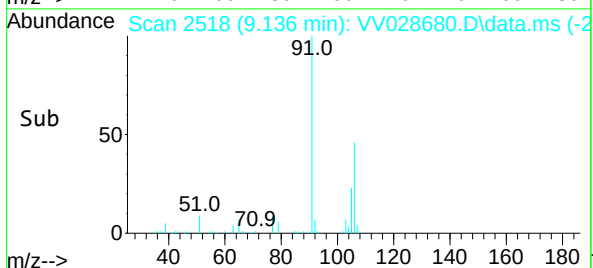
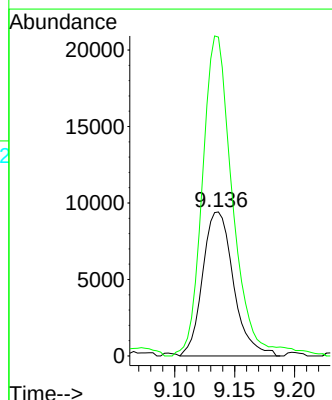
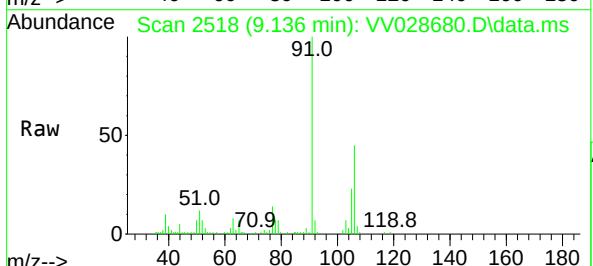
Acq: 25 Oct 2022 11:00

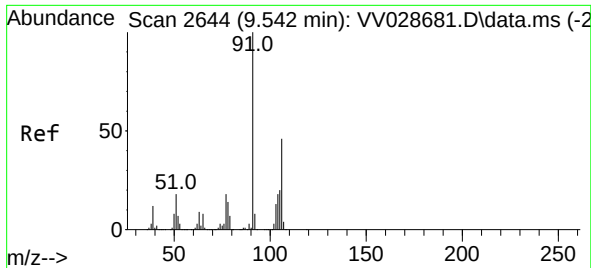
Tgt Ion: 106 Resp: 16824

Ion Ratio Lower Upper

106 100

91 221.5 145.5 270.1

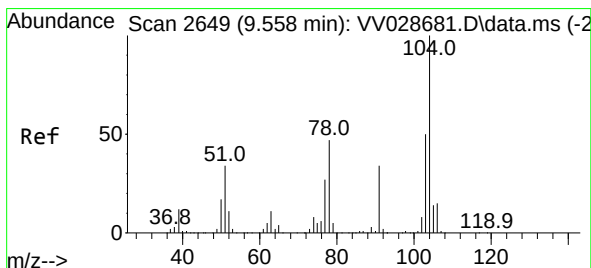
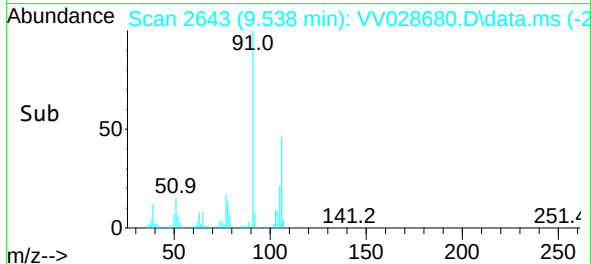
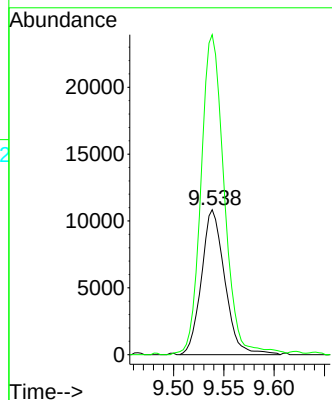
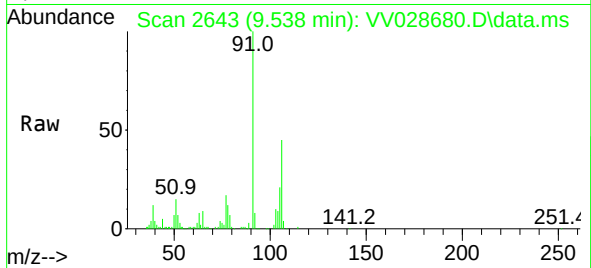




#54
o-Xylene
Concen: 0.719 ug/L
RT: 9.538 min Scan# 2643
Delta R.T. -0.003 min
Lab File: VV028680.D
Acq: 25 Oct 2022 11:00

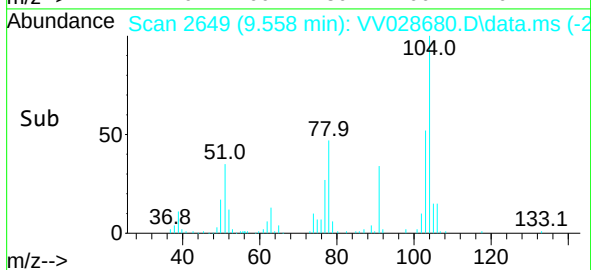
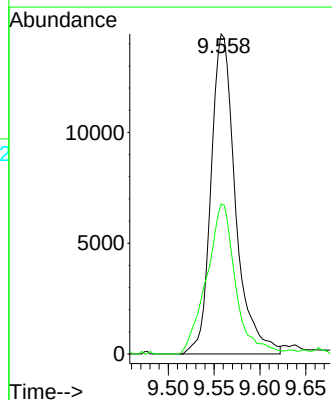
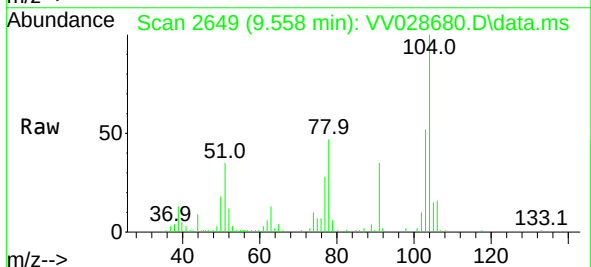
Instrument :
MSVOA_V
ClientSampleId :

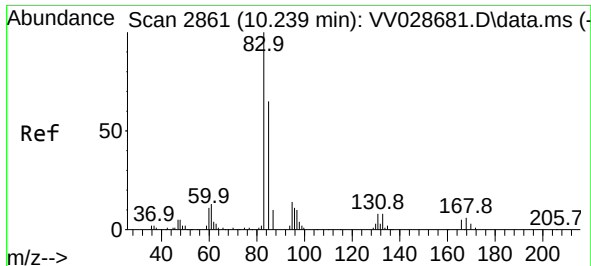
Tgt Ion:106 Resp: 17521
Ion Ratio Lower Upper
106 100
91 220.9 159.0 295.4



#55
Styrene
Concen: 0.647 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.000 min
Lab File: VV028680.D
Acq: 25 Oct 2022 11:00

Tgt Ion:104 Resp: 26811
Ion Ratio Lower Upper
104 100
78 46.9 32.8 61.0

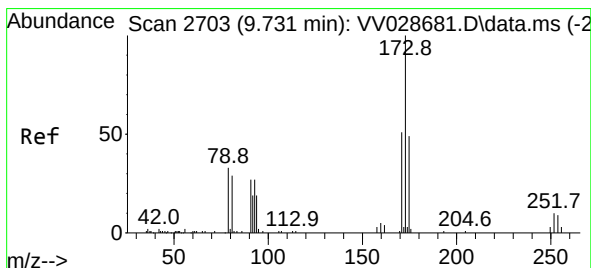
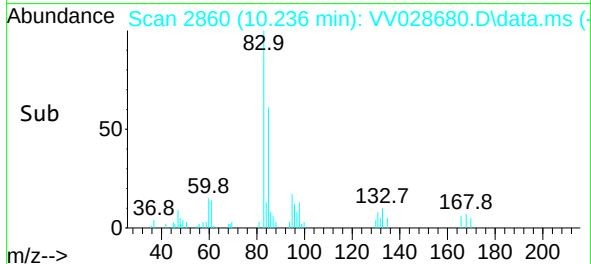
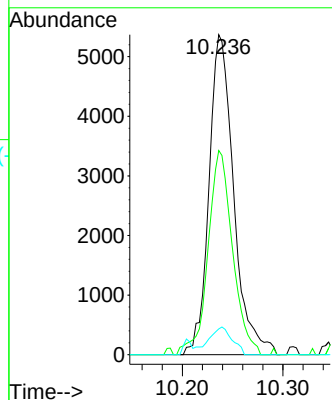
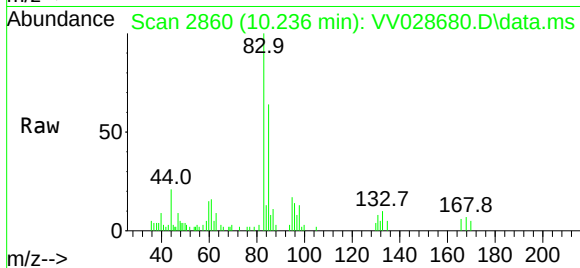




#57
1,1,2,2-Tetrachloroethane
Concen: 0.777 ug/L
RT: 10.236 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV028680.D
Acq: 25 Oct 2022 11:00

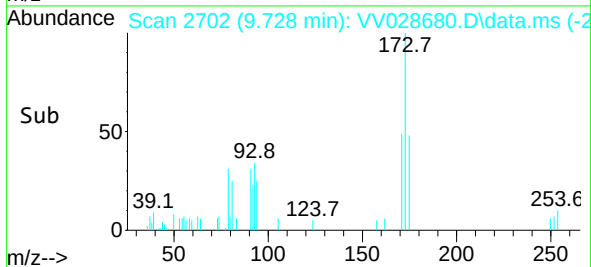
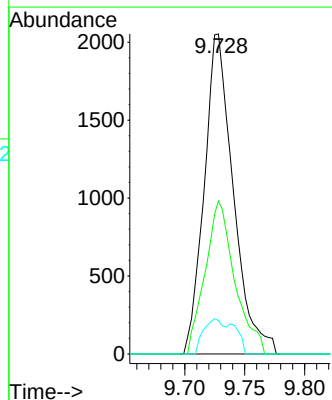
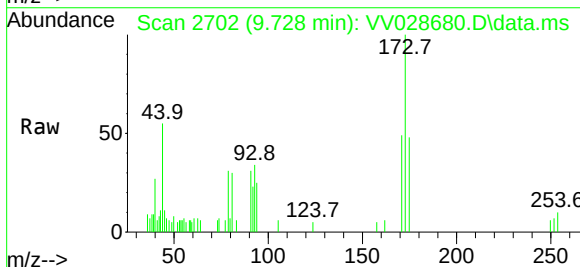
Instrument :
MSVOA_V
ClientSampleId :

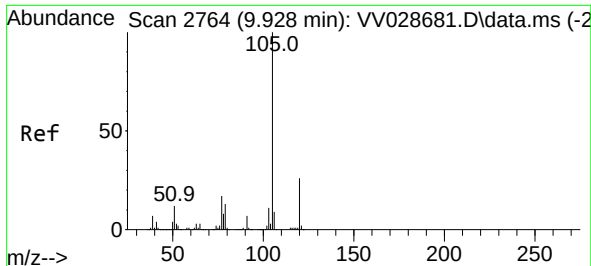
Tgt Ion: 83 Resp: 9169
Ion Ratio Lower Upper
83 100
85 63.8 43.0 80.0
131 8.1 6.5 9.7



#59
Bromoform
Concen: 0.906 ug/L
RT: 9.728 min Scan# 2702
Delta R.T. -0.003 min
Lab File: VV028680.D
Acq: 25 Oct 2022 11:00

Tgt Ion: 173 Resp: 3459
Ion Ratio Lower Upper
173 100
175 48.6 39.8 59.8
254 8.0 7.3 10.9

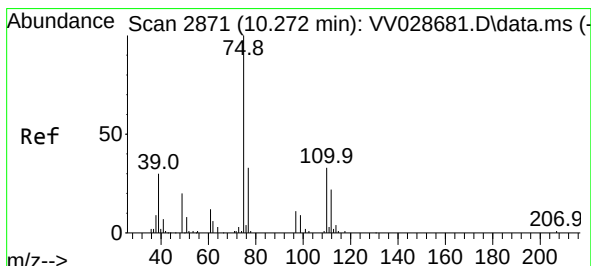
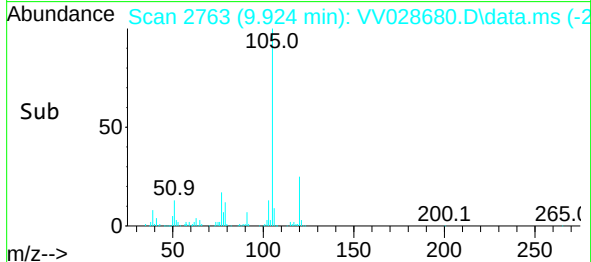
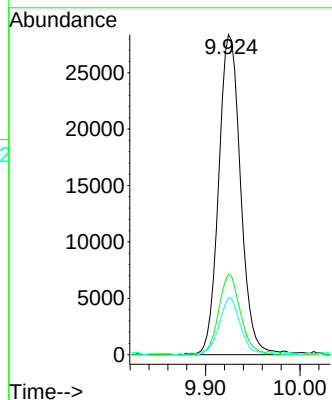
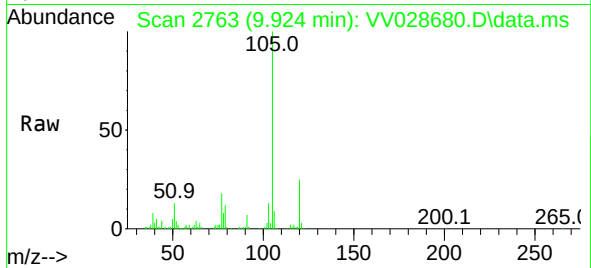




#60
Isopropylbenzene
Concen: 0.728 ug/L
RT: 9.924 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV028680.D
Acq: 25 Oct 2022 11:00

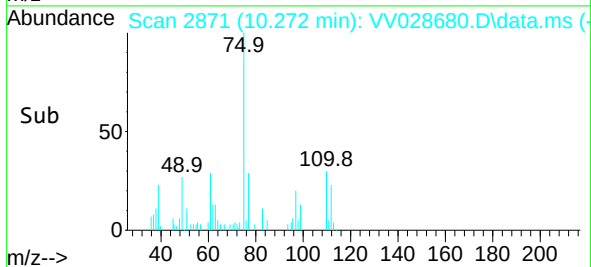
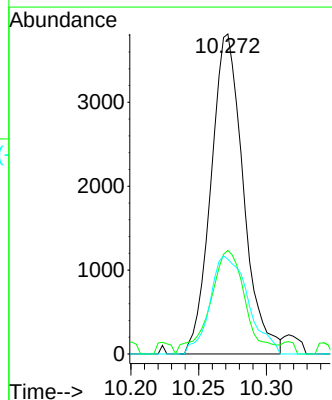
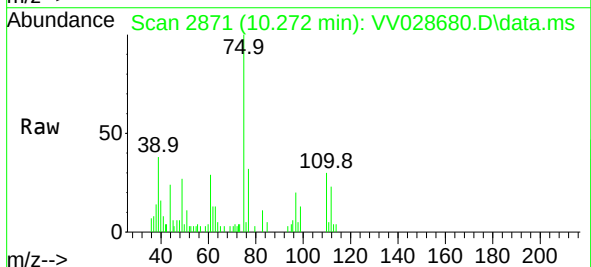
Instrument :
MSVOA_V
ClientSampleId :

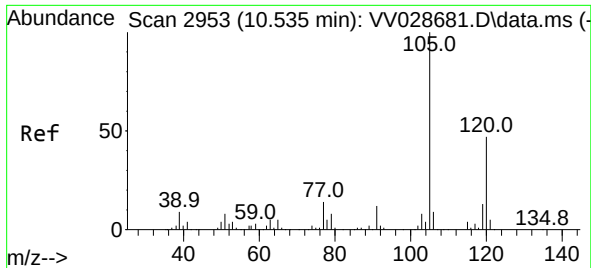
Tgt Ion:105 Resp: 45677
Ion Ratio Lower Upper
105 100
120 25.1 20.1 30.1
77 17.2 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 0.772 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV028680.D
Acq: 25 Oct 2022 11:00

Tgt Ion: 75 Resp: 6317
Ion Ratio Lower Upper
75 100
77 35.0 25.2 37.8
110 36.3 27.9 41.9





#62

1,3,5-Trimethylbenzene

Concen: 0.707 ug/L

RT: 10.532 min Scan# 2953

Delta R.T. -0.003 min

Lab File: VV028680.D

Acq: 25 Oct 2022 11:00

Instrument :

MSVOA_V

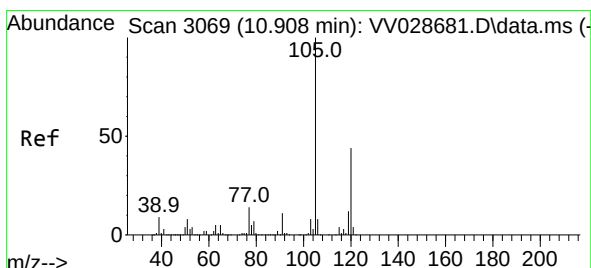
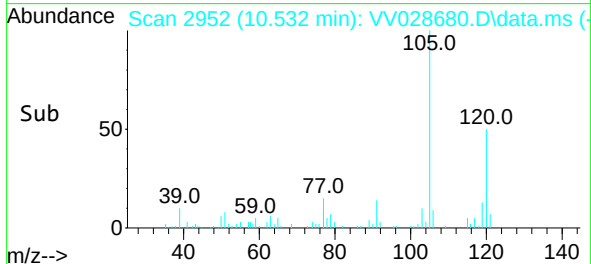
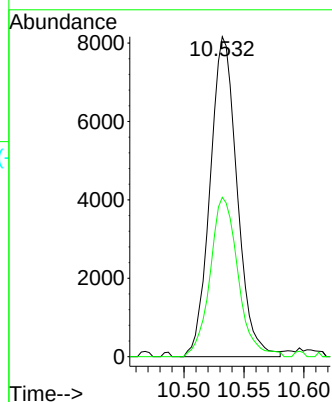
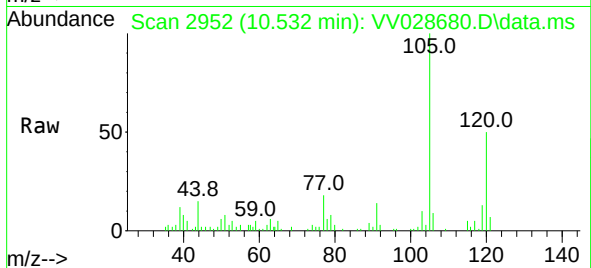
ClientSampleId :

Tgt Ion:105 Resp: 12772

Ion Ratio Lower Upper

105 100

120 51.4 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 0.706 ug/L

RT: 10.908 min Scan# 3069

Delta R.T. -0.000 min

Lab File: VV028680.D

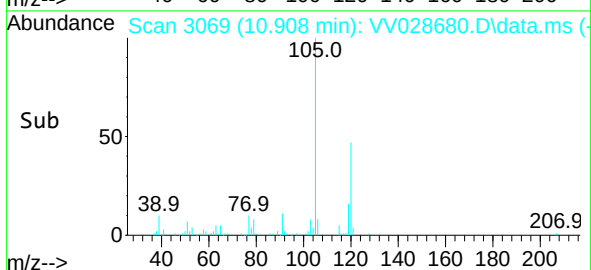
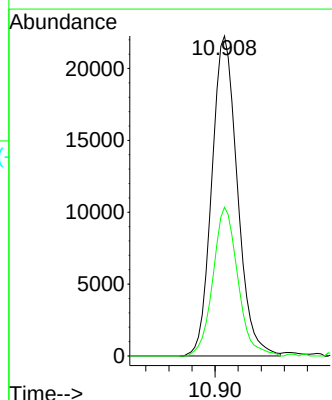
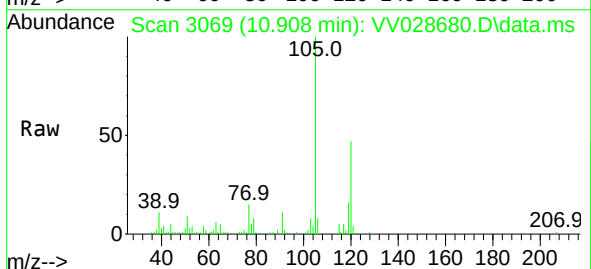
Acq: 25 Oct 2022 11:00

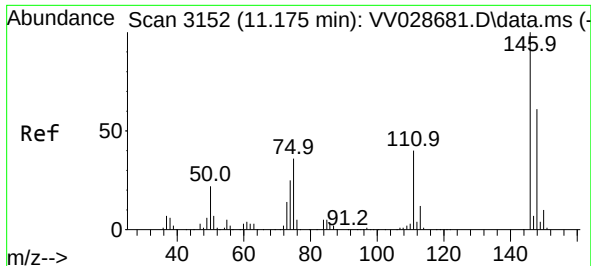
Tgt Ion:105 Resp: 34229

Ion Ratio Lower Upper

105 100

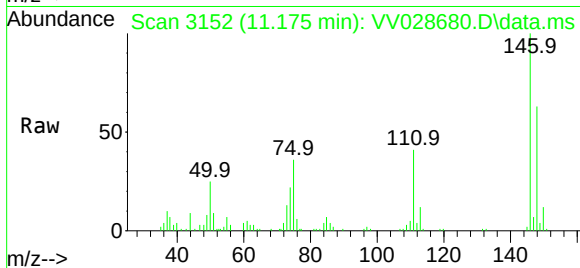
120 45.2 36.2 54.2



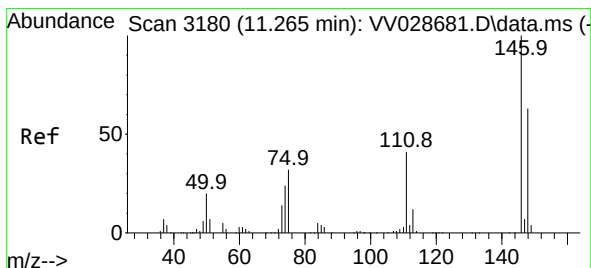
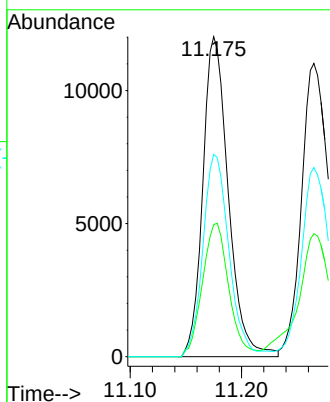
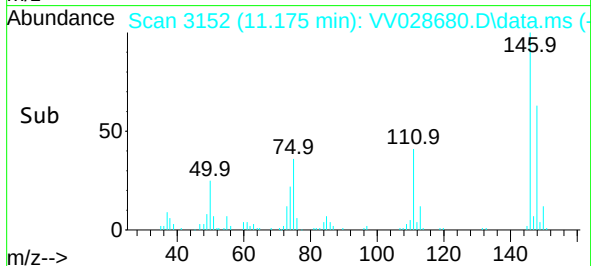


#64
1,3-Dichlorobenzene
Concen: 0.766 ug/L
RT: 11.175 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VV028680.D
Acq: 25 Oct 2022 11:00

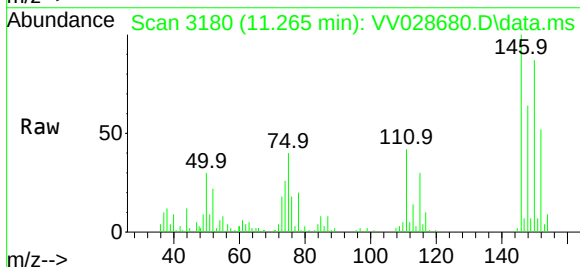
Instrument :
MSVOA_V
ClientSampleId :



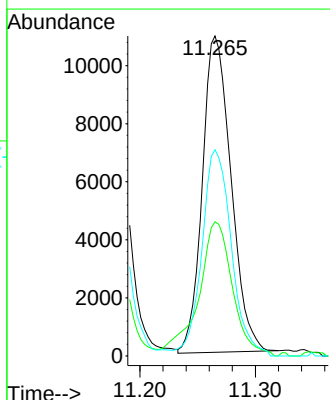
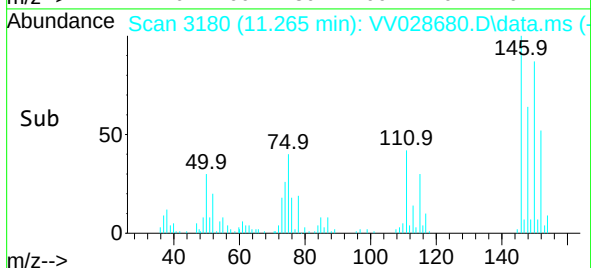
Tgt Ion:146 Resp: 19117
Ion Ratio Lower Upper
146 100
111 41.3 29.0 53.9
148 63.2 44.5 82.7

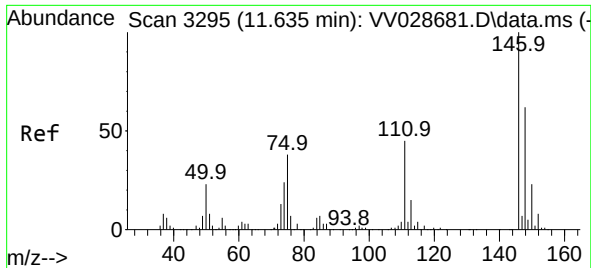


#65
1,4-Dichlorobenzene
Concen: 0.752 ug/L
RT: 11.265 min Scan# 3180
Delta R.T. -0.000 min
Lab File: VV028680.D
Acq: 25 Oct 2022 11:00



Tgt Ion:146 Resp: 18847
Ion Ratio Lower Upper
146 100
111 41.9 28.6 53.2
148 64.4 44.3 82.3





#67

1,2-Dichlorobenzene

Concen: 0.750 ug/L

RT: 11.638 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV028680.D

Acq: 25 Oct 2022 11:00

Instrument :

MSVOA_V

ClientSampleId :

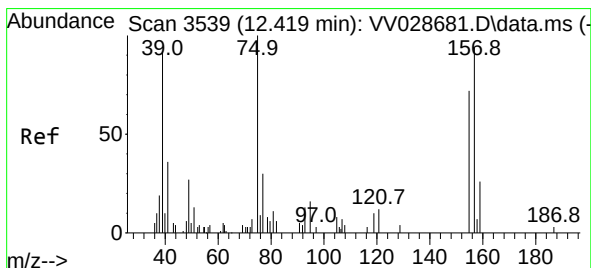
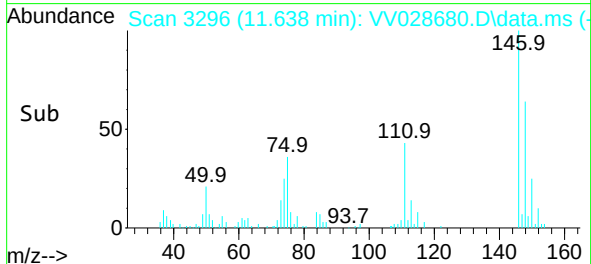
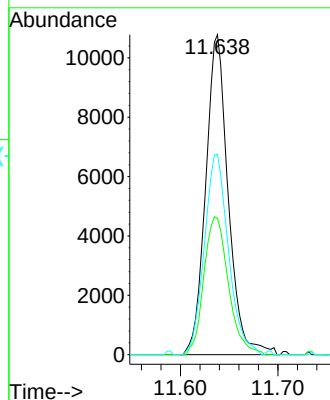
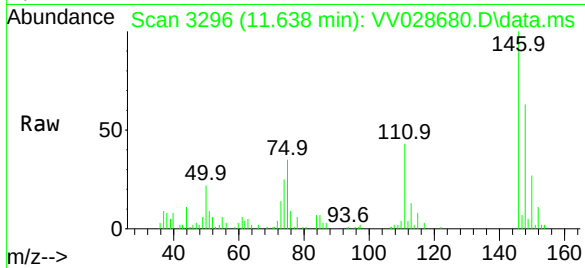
Tgt Ion:146 Resp: 17325

Ion Ratio Lower Upper

146 100

111 42.7 36.2 54.4

148 62.6 50.6 75.8



#68

1,2-Dibromo-3-chloropropane

Concen: 0.799 ug/L

RT: 12.423 min Scan# 3540

Delta R.T. 0.003 min

Lab File: VV028680.D

Acq: 25 Oct 2022 11:00

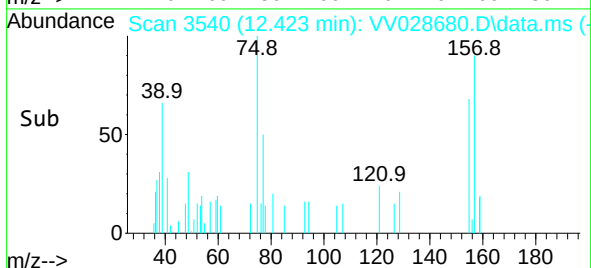
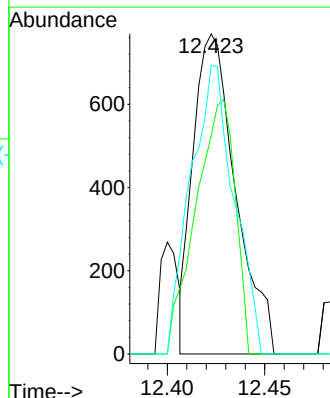
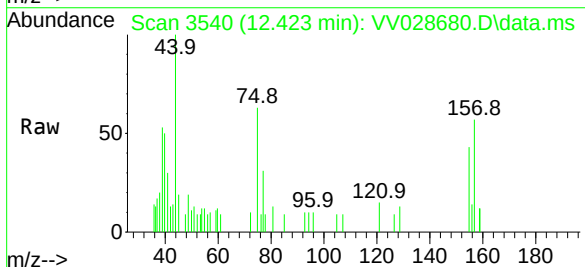
Tgt Ion: 75 Resp: 1171

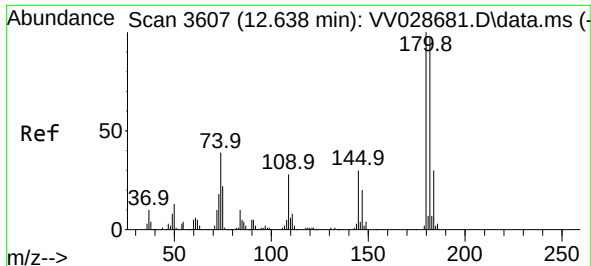
Ion Ratio Lower Upper

75 100

155 68.3 58.2 87.2

157 90.1 71.5 107.3





#69

1,3,5-Trichlorobenzene

Concen: 0.798 ug/L

RT: 12.638 min Scan# 3607

Delta R.T. -0.000 min

Lab File: VV028680.D

Acq: 25 Oct 2022 11:00

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 14222

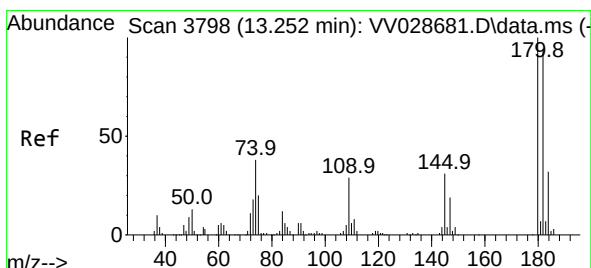
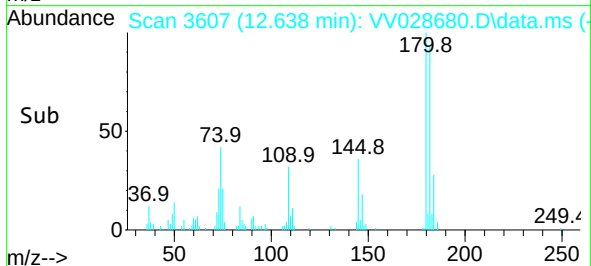
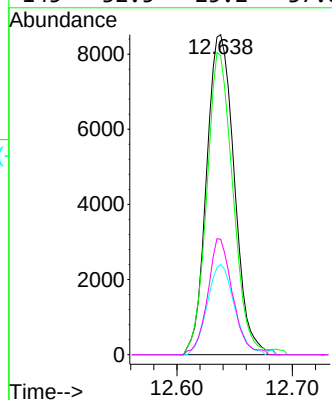
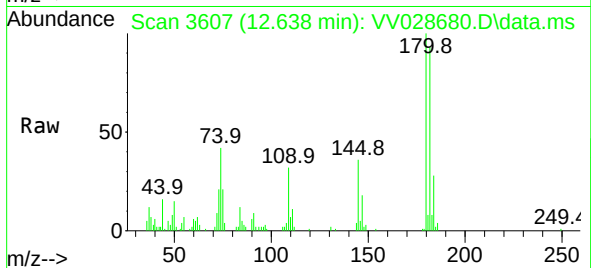
Ion Ratio Lower Upper

180 100

182 89.0 76.6 114.8

184 27.6 24.3 36.5

145 32.5 25.2 37.8



#70

1,2,4-trichlorobenzene

Concen: 0.719 ug/L

RT: 13.252 min Scan# 3798

Delta R.T. -0.000 min

Lab File: VV028680.D

Acq: 25 Oct 2022 11:00

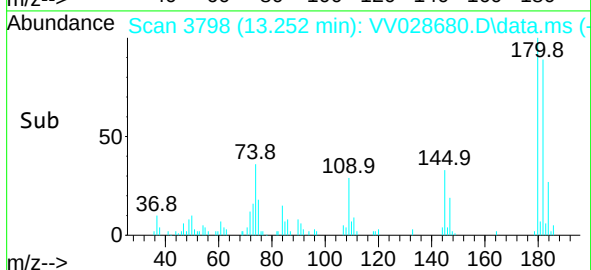
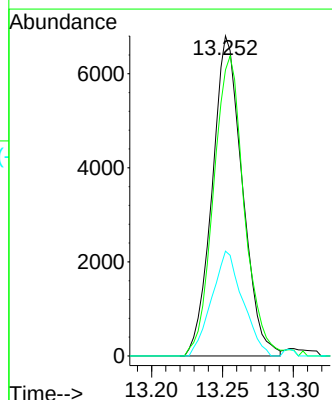
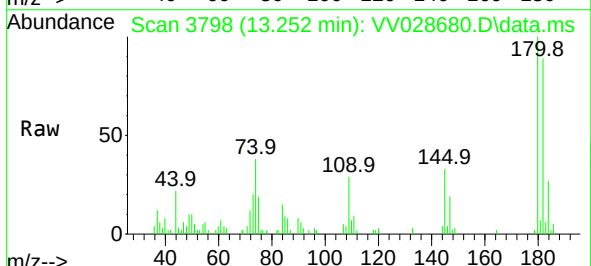
Tgt Ion:180 Resp: 10062

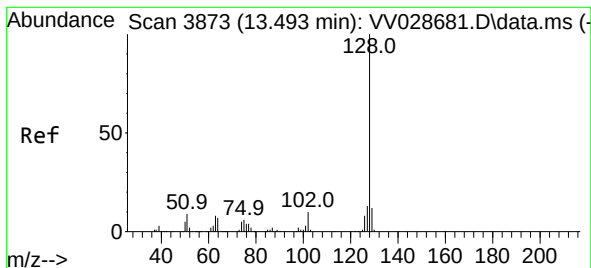
Ion Ratio Lower Upper

180 100

182 95.8 74.7 112.1

145 33.7 25.5 38.3





#71

Naphthalene

Concen: 0.701 ug/L

RT: 13.496 min Scan# 3873

Delta R.T. 0.003 min

Lab File: VV028680.D

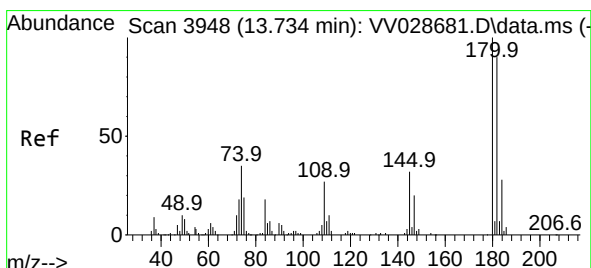
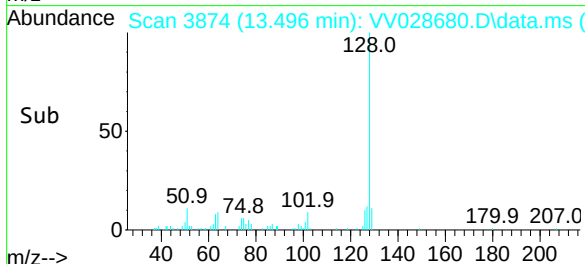
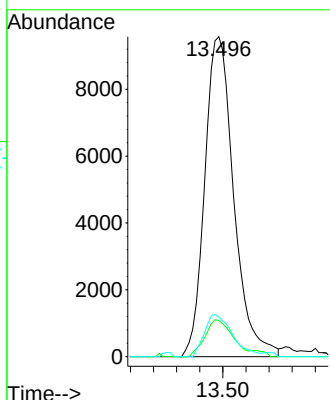
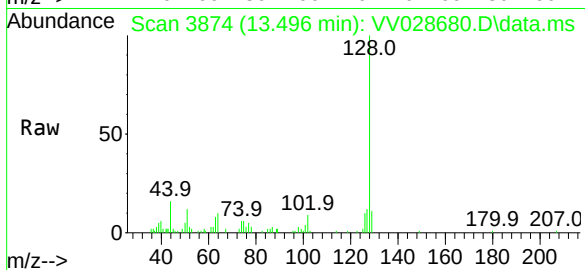
Acq: 25 Oct 2022 11:00

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	128	Resp:	16696
Ion Ratio	Lower	Upper	
128	100		
129	11.9	8.9	13.3
127	12.7	10.2	15.4



#72

1,2,3-Trichlorobenzene

Concen: 0.732 ug/L

RT: 13.734 min Scan# 3948

Delta R.T. -0.000 min

Lab File: VV028680.D

Acq: 25 Oct 2022 11:00

Tgt Ion:	180	Resp:	8962
Ion Ratio	Lower	Upper	
180	100		
182	96.3	73.4	110.0
145	34.8	26.3	39.5

