

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100821\
 Data File : VX024677.D
 Acq On : 08 Oct 2021 17:57
 Operator : JC/MD
 Sample : M4075-01
 Misc : 5.07g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 08 18:20:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 18:24:34 2021
 Response via : Initial Calibration

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

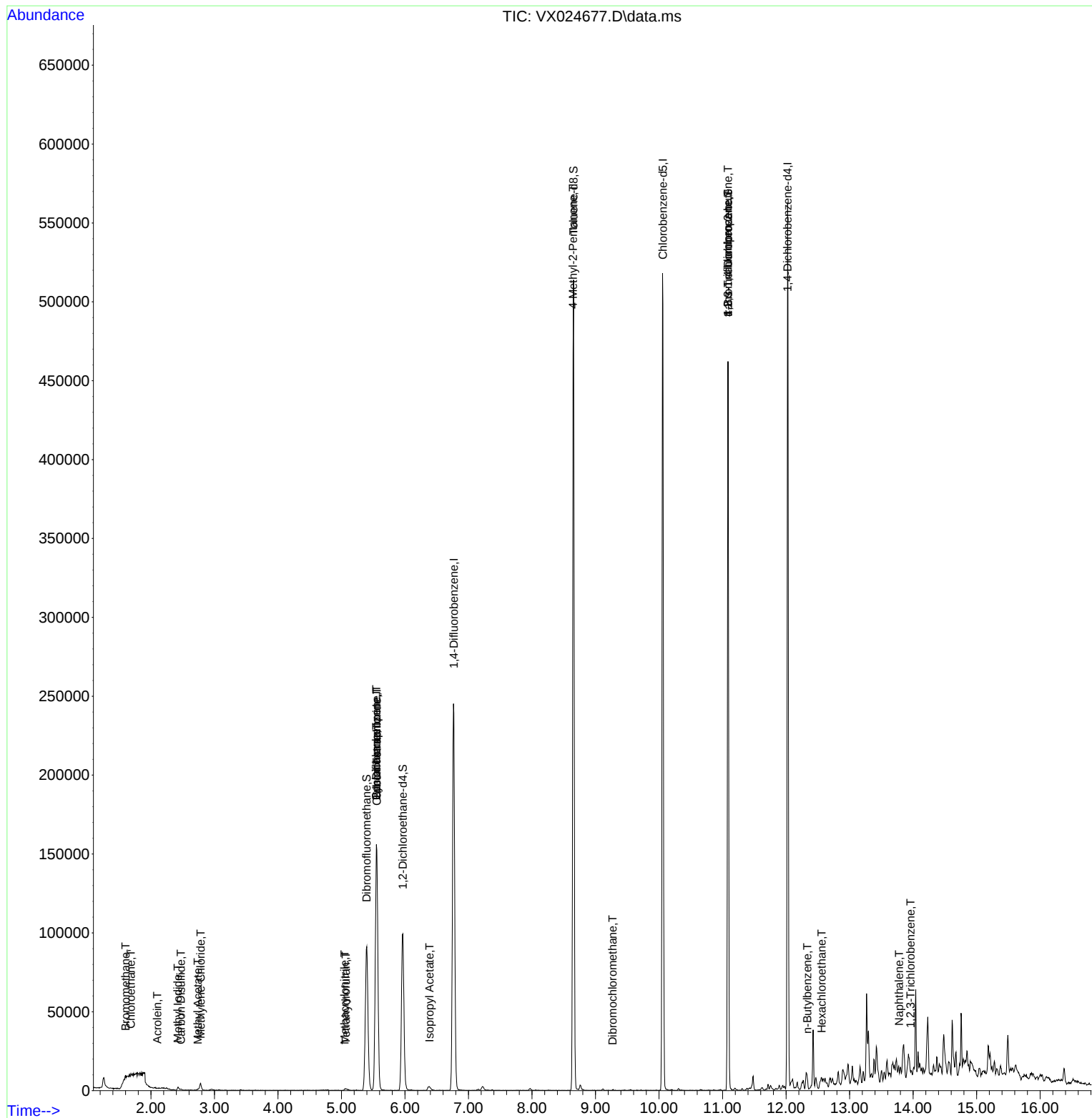
Internal Standards						
1) Pentafluorobenzene	5.550	168	145635	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	251609	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	240523	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	112884	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	103319	50.337	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	100.680%	
35) Dibromofluoromethane	5.397	113	78372	46.887	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	93.780%	
50) Toluene-d8	8.653	98	302773	49.215	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	98.440%	
62) 4-Bromofluorobenzene	11.085	95	114450	47.316	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	94.640%	
Target Compounds						Qvalue
5) Bromomethane	1.599	94	891	0.916	ug/l	86
6) Chloroethane	1.685	64	236	0.502	ug/l #	84
10) Methyl Iodide	2.422	142	1522	0.757	ug/l	95
11) Tert butyl alcohol	2.953	59	555	Below Cal	#	73
13) Acrolein	2.099	56	22	10.248	ug/l #	14
16) Acetone	2.422	43	863	Below Cal	#	74
17) Carbon Disulfide	2.471	76	736	0.441	ug/l #	75
18) Methyl Acetate	2.739	43	712	0.232	ug/l #	54
20) Methylene Chloride	2.782	84	2139	0.254	ug/l	98
29) Tetrahydrofuran	5.068	42	991	1.100	ug/l #	63
31) Cyclohexane	5.550	56	3216	1.308	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	11319	4.693	ug/l #	50
38) Carbon Tetrachloride	5.556	117	15105	5.753	ug/l #	16
41) Methacrylonitrile	5.050	41	323	0.208	ug/l #	29
43) Isopropyl Acetate	6.385	43	1459	0.319	ug/l #	57
51) 4-Methyl-2-Pentanone	8.647	43	1361	0.450	ug/l #	1
60) Dibromochloromethane	9.269	129	113	1.240	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	61652	24.050	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	61652	65.656	ug/l #	12
89) n-Butylbenzene	12.335	91	2120	0.334	ug/l #	56
90) Hexachloroethane	12.561	117	319	0.271	ug/l #	9
95) Naphthalene	13.780	128	2719	0.345	ug/l	96
96) 1,2,3-Trichlorobenzene	13.963	180	582	0.231	ug/l #	44

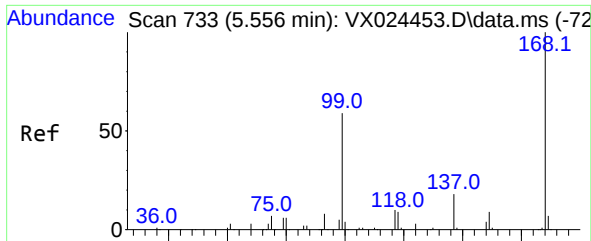
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Oct 08 18:20:44 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 23 18:24:34 2021
Response via : Initial Calibration

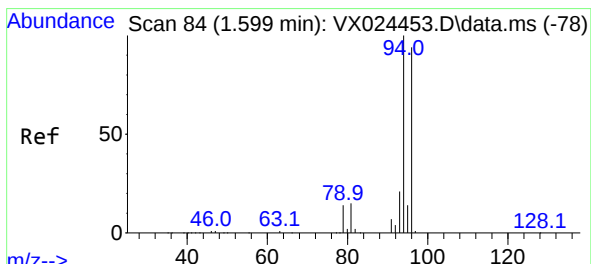
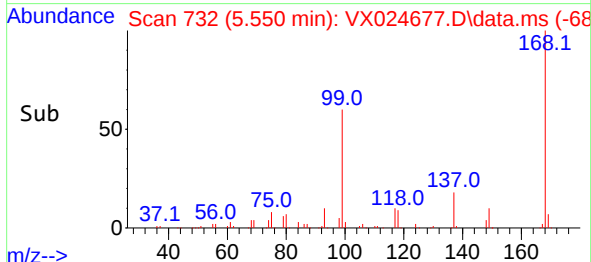
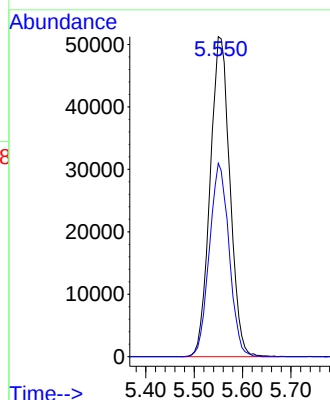
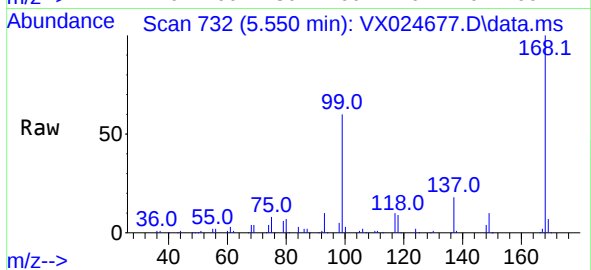




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.006 min
Lab File: VX024677.D
Acq: 08 Oct 2021 17:57

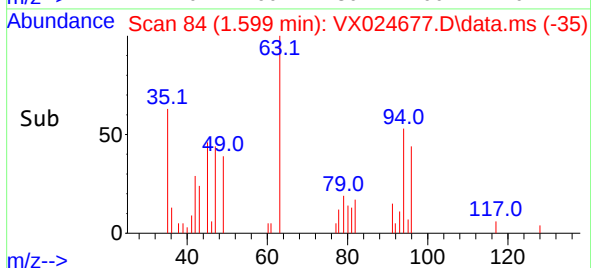
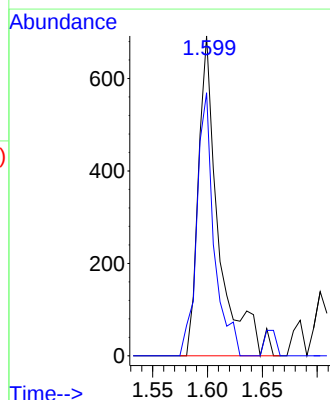
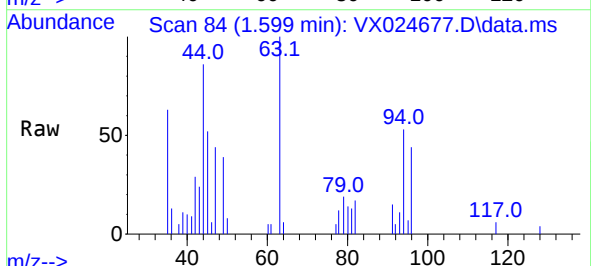
Instrument :
MSVOA_X
ClientSampleId :

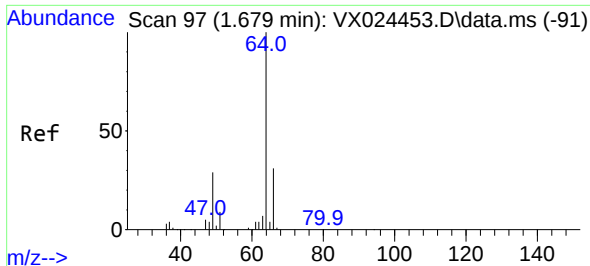
Tgt Ion:168 Resp: 145635
Ion Ratio Lower Upper
168 100
99 60.4 45.8 68.6



#5
Bromomethane
Concen: 0.916 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX024677.D
Acq: 08 Oct 2021 17:57

Tgt Ion: 94 Resp: 891
Ion Ratio Lower Upper
94 100
96 82.2 76.4 114.6

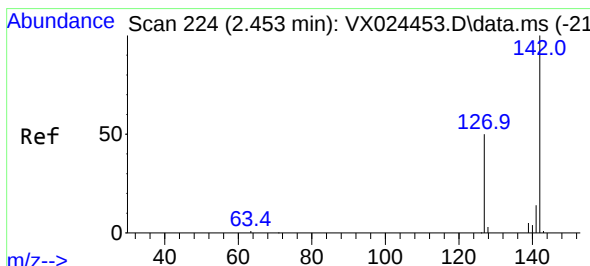
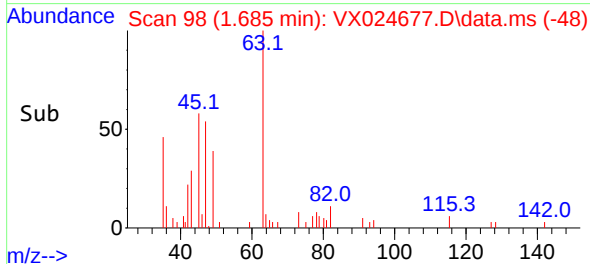
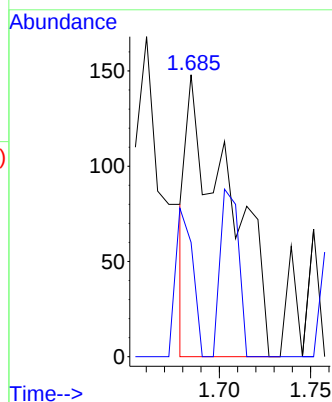
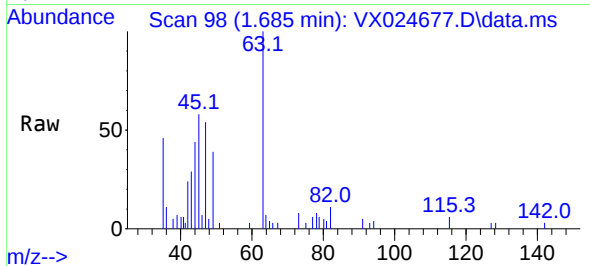




#6
Chloroethane
Concen: 0.502 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX024677.D
Acq: 08 Oct 2021 17:57

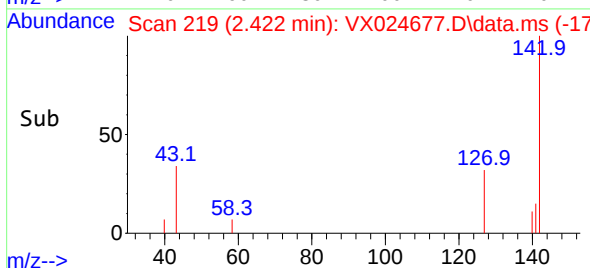
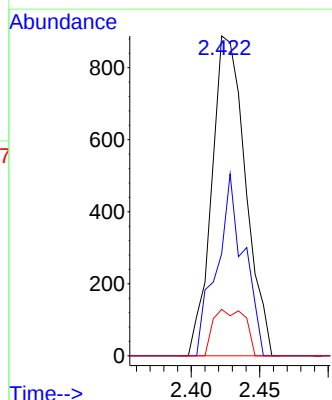
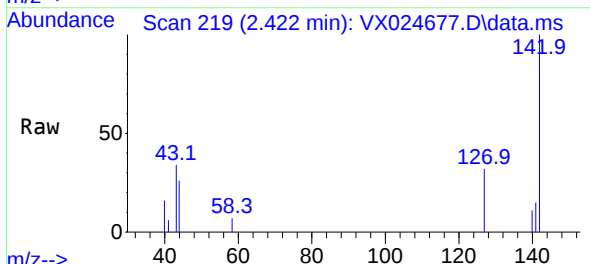
Instrument :
MSVOA_X
ClientSampled :

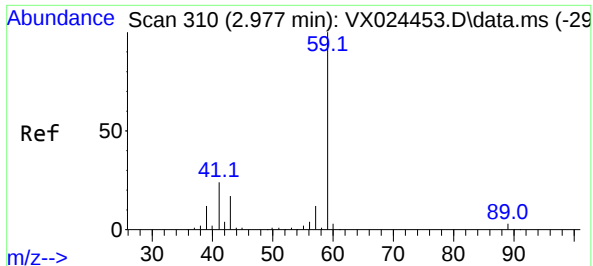
Tgt Ion: 64 Resp: 236
Ion Ratio Lower Upper
64 100
66 40.5 25.4 38.0#



#10
Methyl Iodide
Concen: 0.757 ug/l
RT: 2.422 min Scan# 219
Delta R.T. -0.031 min
Lab File: VX024677.D
Acq: 08 Oct 2021 17:57

Tgt Ion: 142 Resp: 1522
Ion Ratio Lower Upper
142 100
127 45.6 33.3 49.9
141 13.8 11.4 17.0



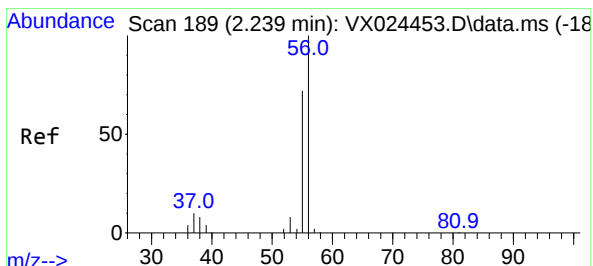
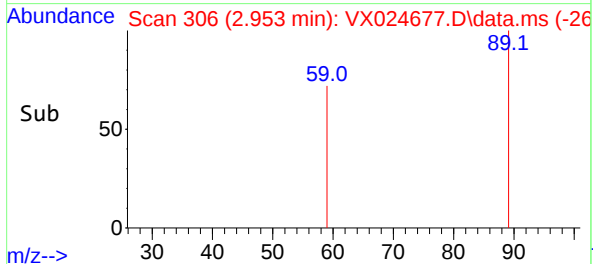
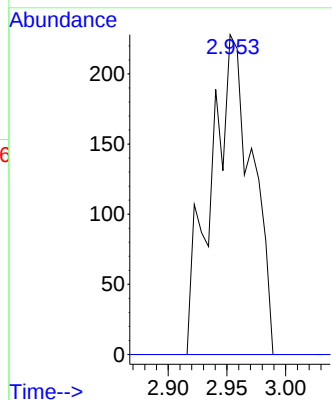
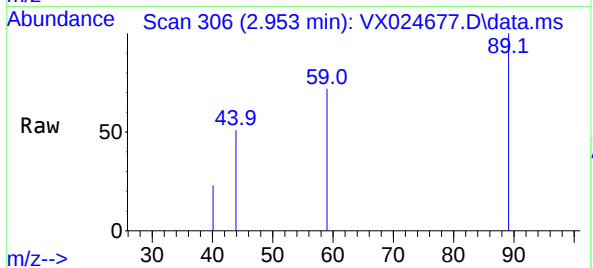


#11

Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.024 min
Lab File: VX024677.D
Acq: 08 Oct 2021 17:57

Instrument :
MSVOA_X
ClientSampled :

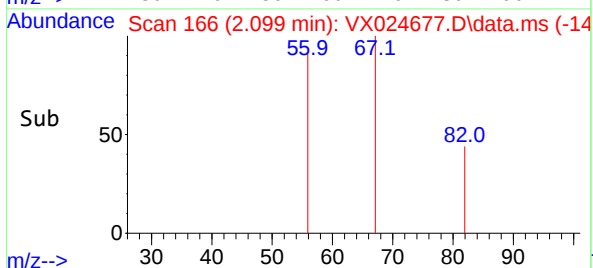
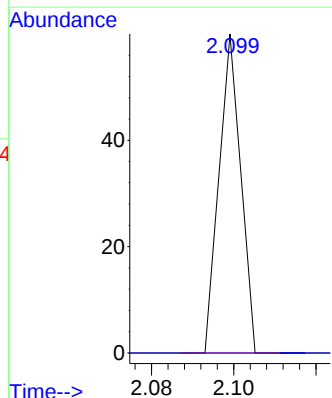
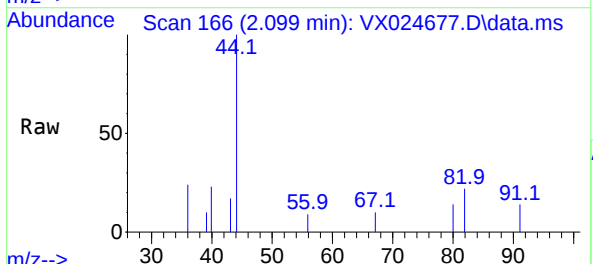
Tgt Ion: 59 Resp: 555
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

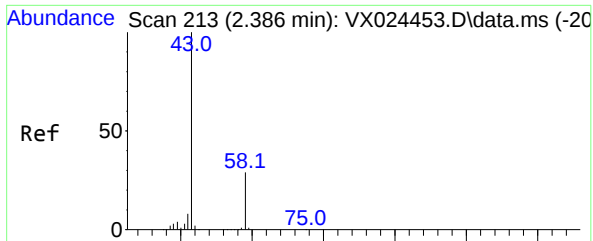


#13

Acrolein
Concen: 10.248 ug/l
RT: 2.099 min Scan# 166
Delta R.T. -0.140 min
Lab File: VX024677.D
Acq: 08 Oct 2021 17:57

Tgt Ion: 56 Resp: 22
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

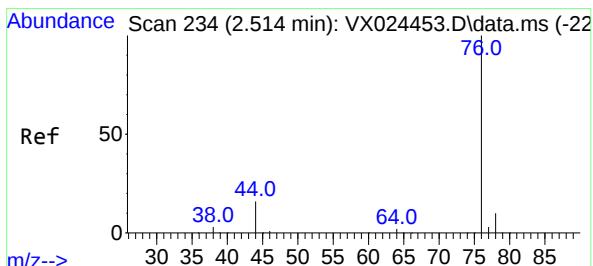
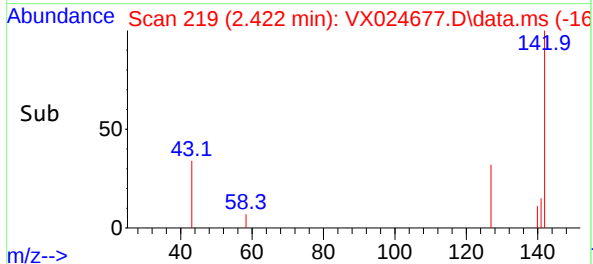
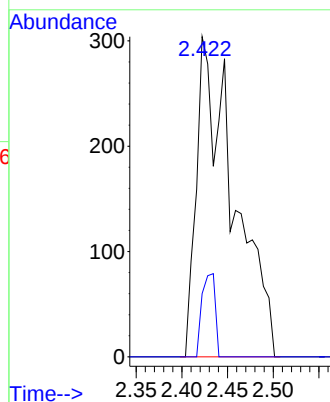
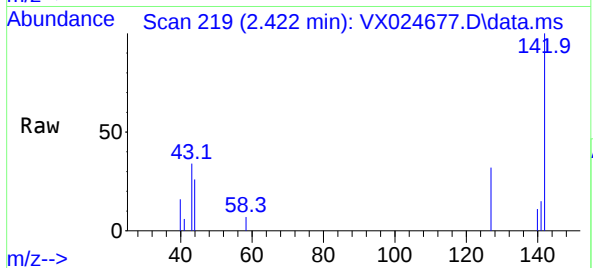




#16
Acetone
Concen: Below Cal
RT: 2.422 min Scan# 219
Delta R.T. 0.036 min
Lab File: VX024677.D
Acq: 08 Oct 2021 17:57

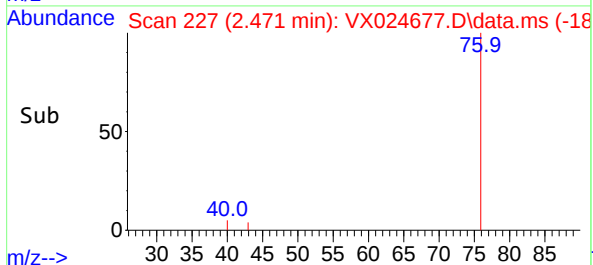
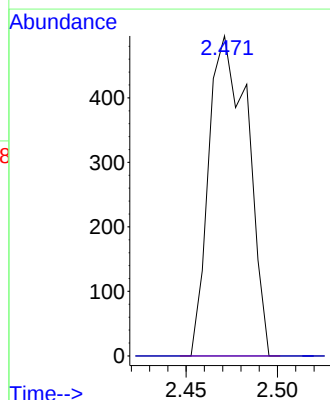
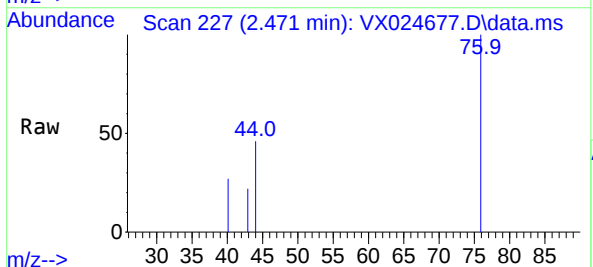
Instrument :
MSVOA_X
ClientSampled :

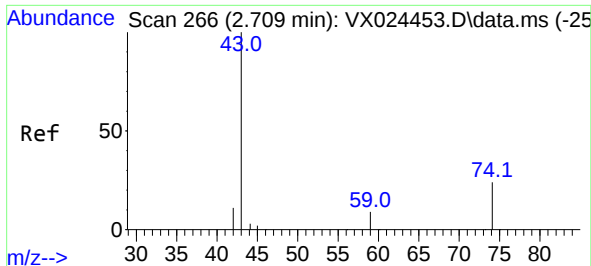
Tgt Ion: 43 Resp: 863
Ion Ratio Lower Upper
43 100
58 19.7 27.8 41.8#



#17
Carbon Disulfide
Concen: 0.441 ug/l
RT: 2.471 min Scan# 227
Delta R.T. -0.043 min
Lab File: VX024677.D
Acq: 08 Oct 2021 17:57

Tgt Ion: 76 Resp: 736
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

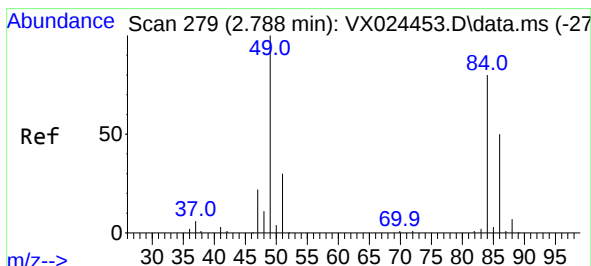
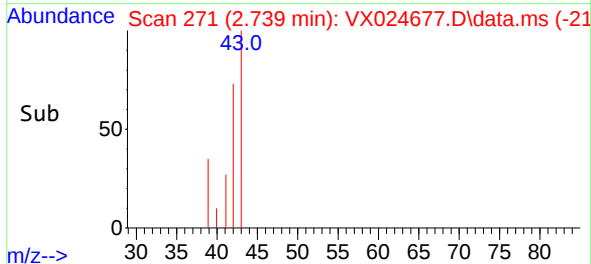
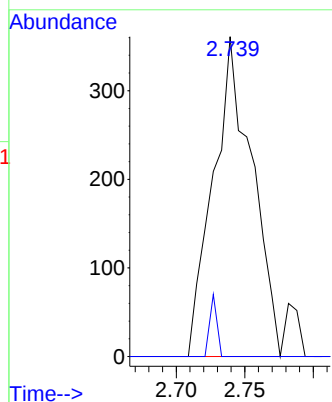
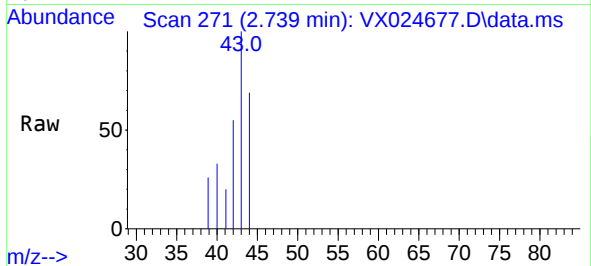




#18
Methyl Acetate
Concen: 0.232 ug/l
RT: 2.739 min Scan# 271
Delta R.T. 0.030 min
Lab File: VX024677.D
Acq: 08 Oct 2021 17:57

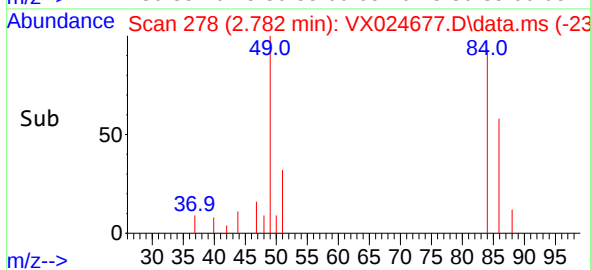
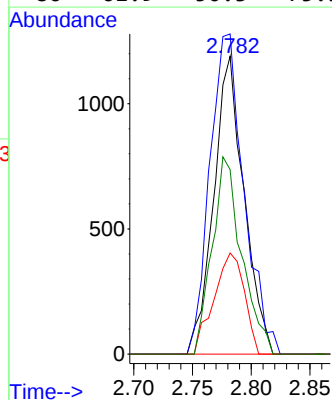
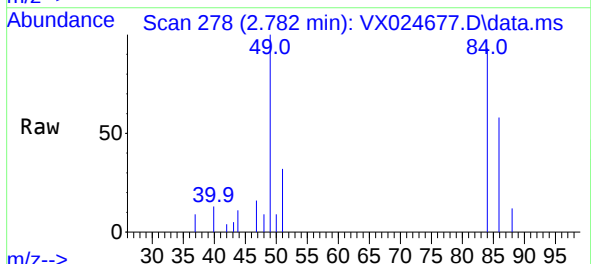
Instrument :
MSVOA_X
ClientSampled :

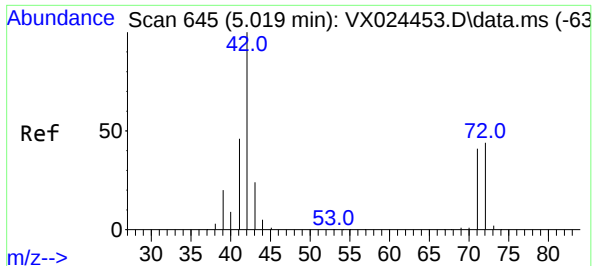
Tgt Ion: 43 Resp: 712
Ion Ratio Lower Upper
43 100
74 3.7 21.9 32.9#



#20
Methylene Chloride
Concen: 0.254 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX024677.D
Acq: 08 Oct 2021 17:57

Tgt Ion: 84 Resp: 2139
Ion Ratio Lower Upper
84 100
49 107.5 88.6 132.8
51 33.9 27.0 40.6
86 61.9 50.3 75.5





#29

Tetrahydrofuran

Concen: 1.100 ug/l

RT: 5.068 min Scan# 653

Delta R.T. 0.049 min

Lab File: VX024677.D

Acq: 08 Oct 2021 17:57

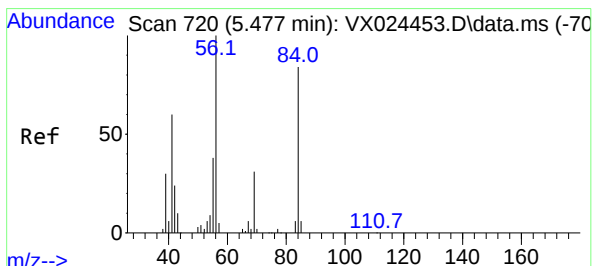
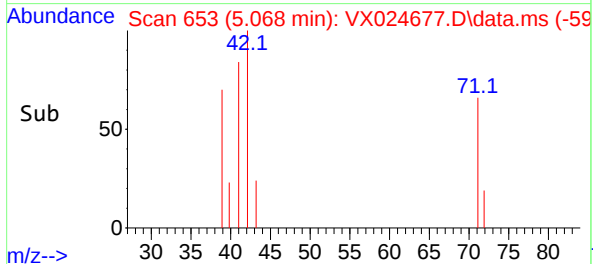
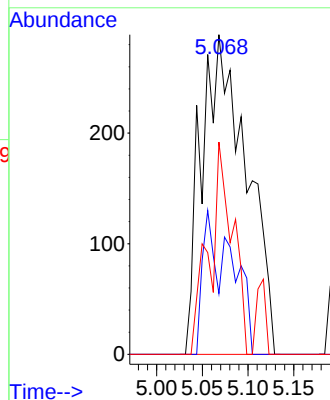
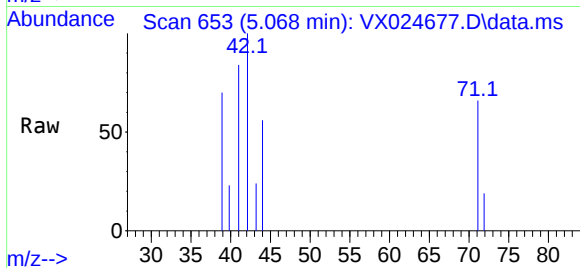
Tgt Ion: 42 Resp: 991

Ion Ratio Lower Upper

42 100

72 15.4 41.7 62.5#

71 34.6 38.4 57.6#



#31

Cyclohexane

Concen: 1.308 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.073 min

Lab File: VX024677.D

Acq: 08 Oct 2021 17:57

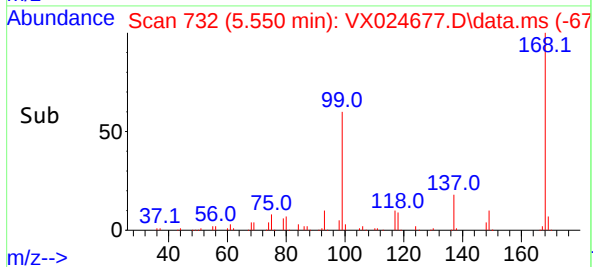
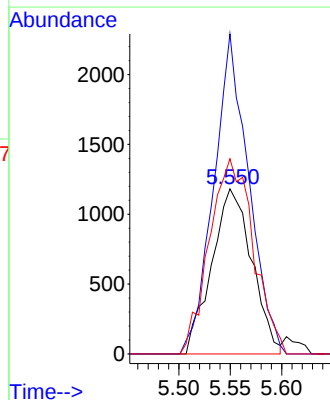
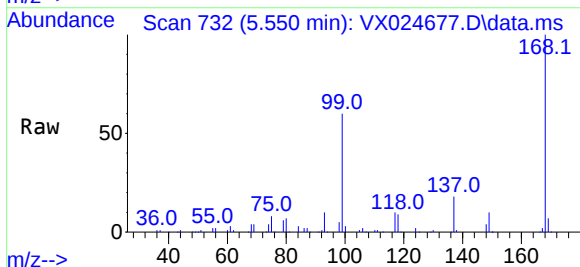
Tgt Ion: 56 Resp: 3216

Ion Ratio Lower Upper

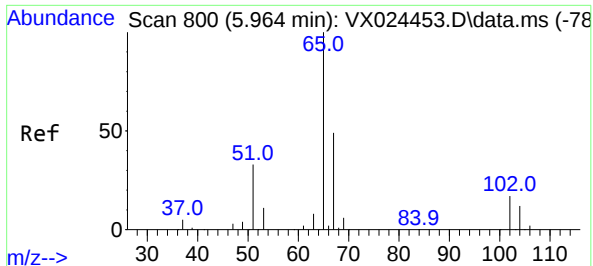
56 100

69 193.8 25.3 37.9#

84 118.3 71.4 107.0#



Instrument :
MSVOA_X
ClientSampleId :

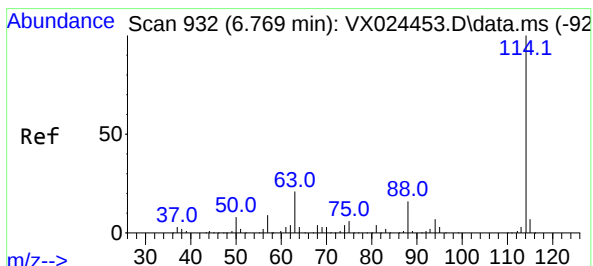
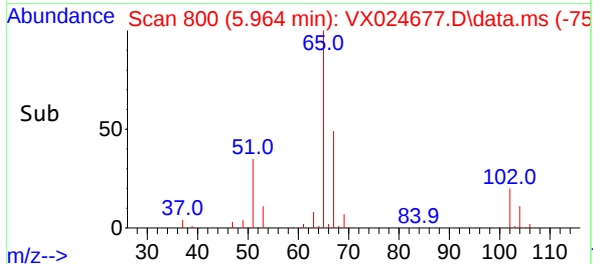
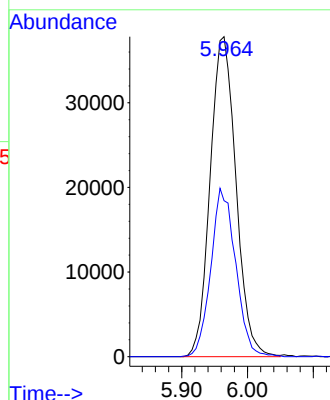
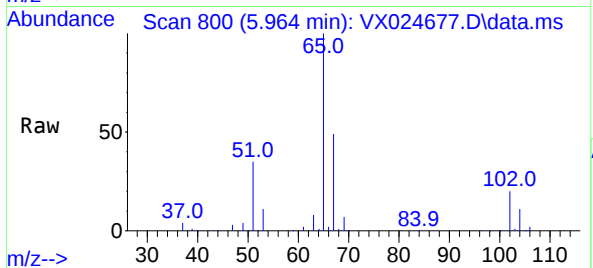


#33

1,2-Dichloroethane-d4
Concen: 50.337 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024677.D
Acq: 08 Oct 2021 17:57

Instrument :
MSVOA_X
ClientSampled :

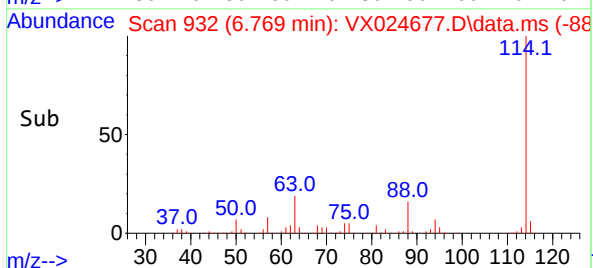
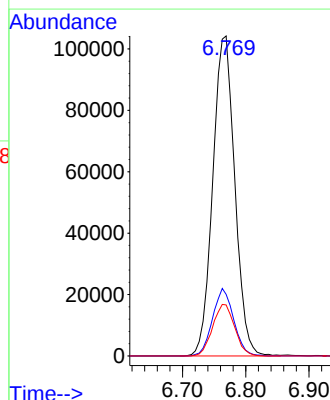
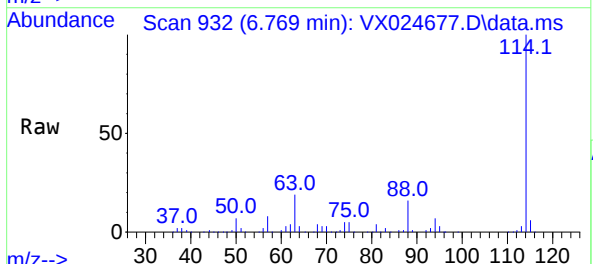
Tgt Ion: 65 Resp: 103319
Ion Ratio Lower Upper
65 100
67 50.5 0.0 105.4

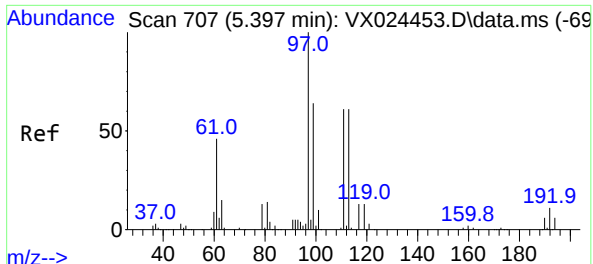


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX024677.D
Acq: 08 Oct 2021 17:57

Tgt Ion: 114 Resp: 251609
Ion Ratio Lower Upper
114 100
63 19.2 0.0 40.8
88 15.9 0.0 32.8





#35

Dibromofluoromethane

Concen: 46.887 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX024677.D

Acq: 08 Oct 2021 17:57

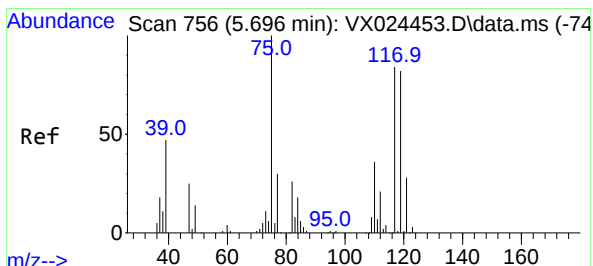
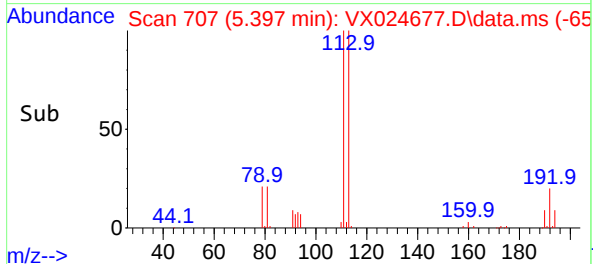
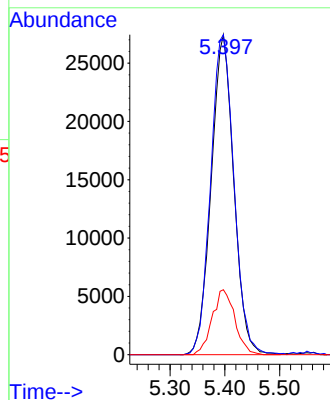
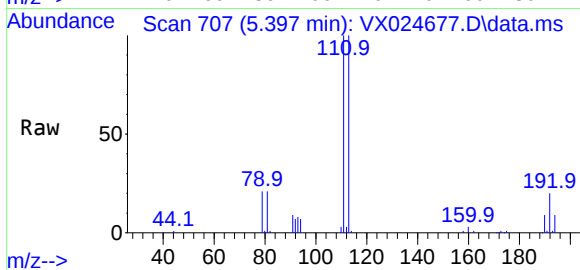
Tgt Ion:113 Resp: 78372

Ion Ratio Lower Upper

113 100

111 103.4 81.9 122.9

192 20.4 16.7 25.1



#36

1,1-Dichloropropene

Concen: 4.693 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX024677.D

Acq: 08 Oct 2021 17:57

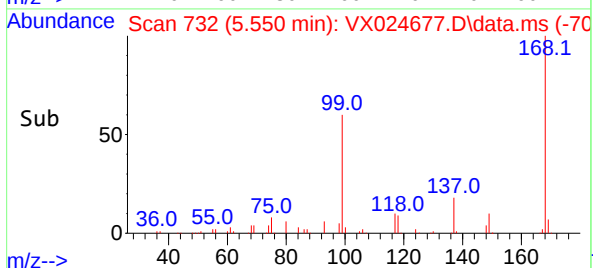
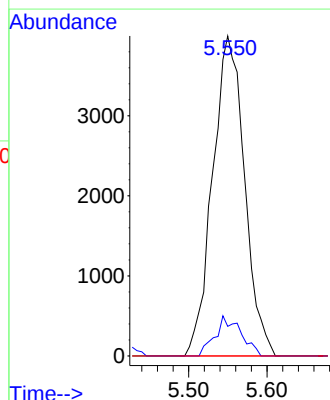
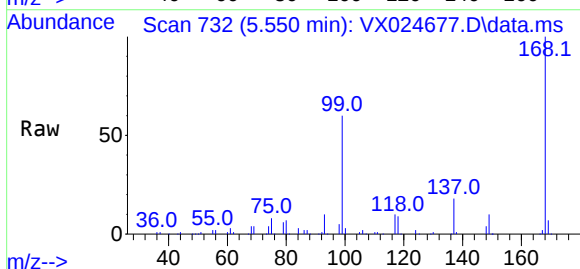
Tgt Ion: 75 Resp: 11319

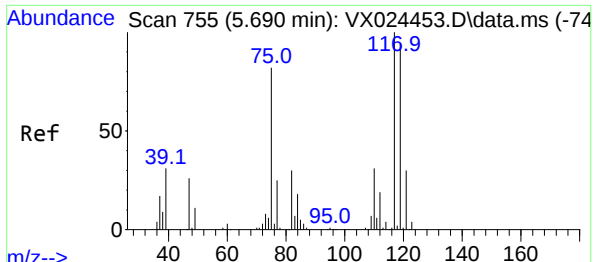
Ion Ratio Lower Upper

75 100

110 10.1 18.1 54.4#

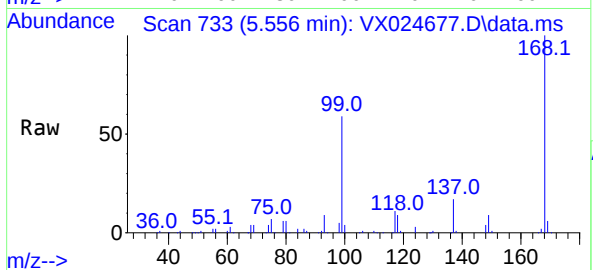
77 0.0 25.3 37.9#



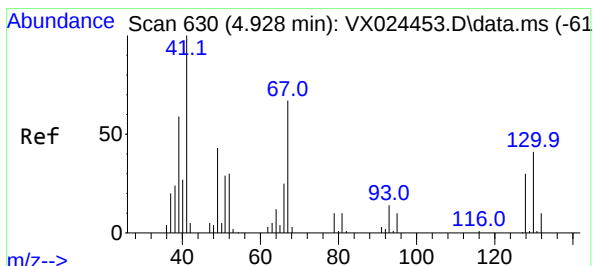
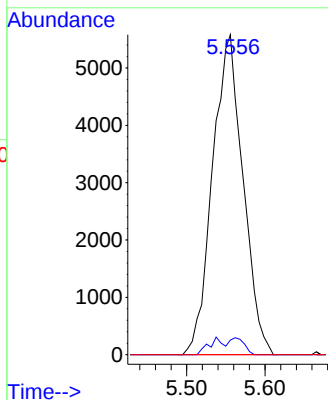
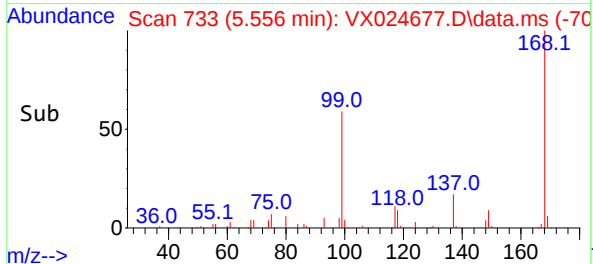


#38
Carbon Tetrachloride
Concen: 5.753 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX024677.D
Acq: 08 Oct 2021 17:57

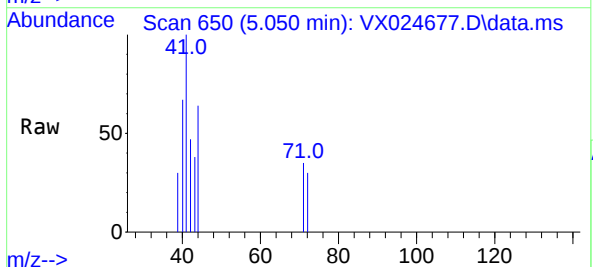
Instrument :
MSVOA_X
ClientSampleId :



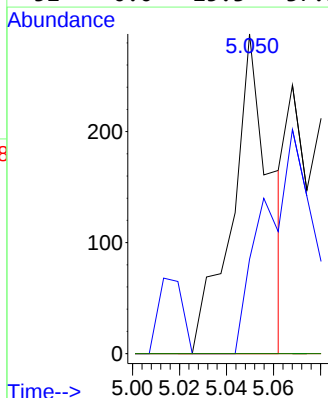
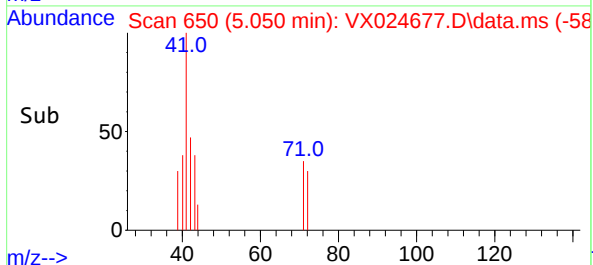
Tgt Ion:117 Resp: 15105
Ion Ratio Lower Upper
117 100
119 4.6 76.2 114.2#
121 0.0 24.8 37.2#

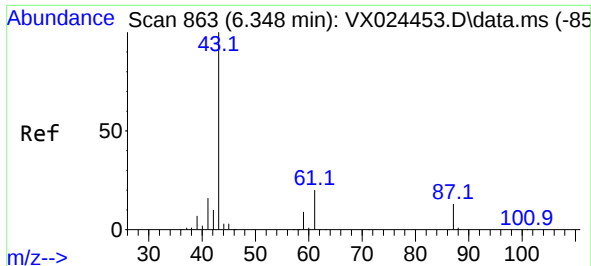


#41
Methacrylonitrile
Concen: 0.208 ug/l
RT: 5.050 min Scan# 650
Delta R.T. 0.122 min
Lab File: VX024677.D
Acq: 08 Oct 2021 17:57



Tgt Ion: 41 Resp: 323
Ion Ratio Lower Upper
41 100
39 86.4 42.5 63.7#
67 0.0 65.0 97.6#
52 0.0 25.3 37.9#

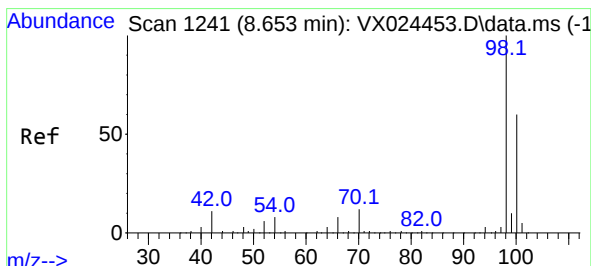
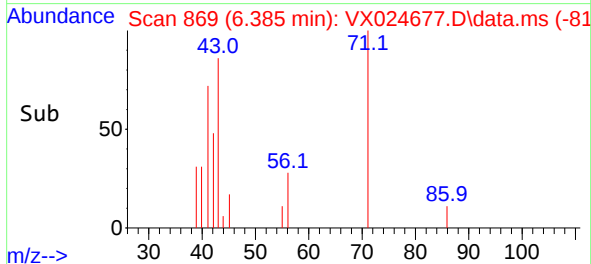
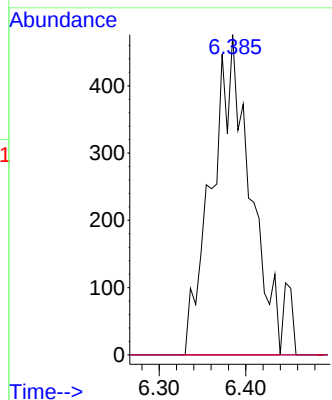
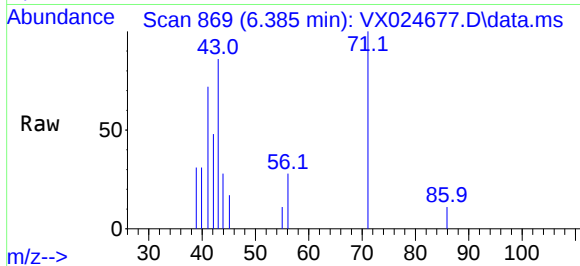




#43
Isopropyl Acetate
Concen: 0.319 ug/l
RT: 6.385 min Scan# 869
Delta R.T. 0.037 min
Lab File: VX024677.D
Acq: 08 Oct 2021 17:57

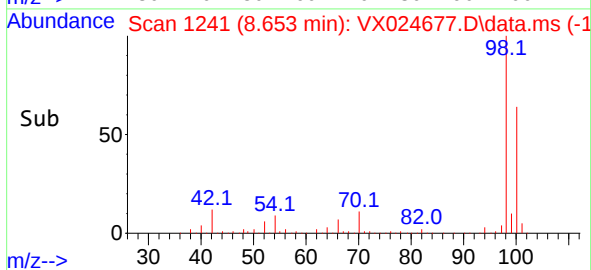
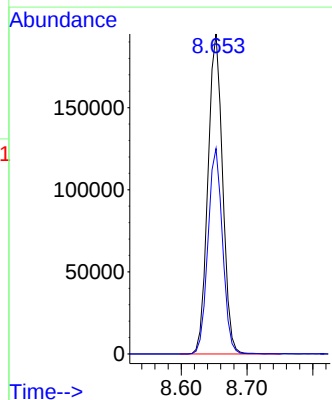
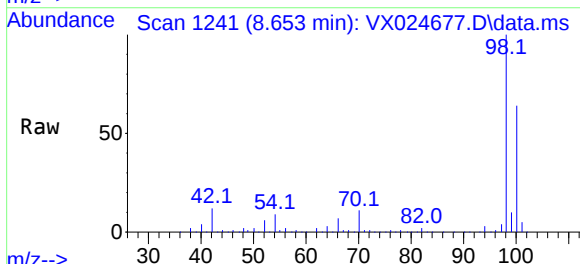
Instrument :
MSVOA_X
ClientSampleId :

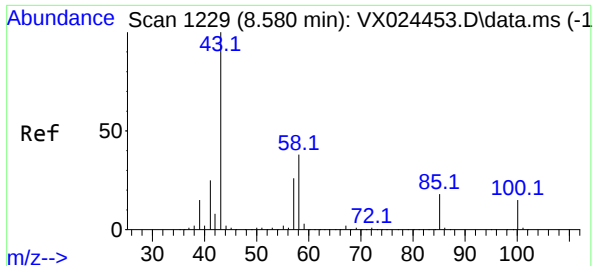
Tgt Ion: 43 Resp: 1459
Ion Ratio Lower Upper
43 100
61 0.0 18.2 27.4#
87 0.0 12.5 18.7#



#50
Toluene-d8
Concen: 49.215 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024677.D
Acq: 08 Oct 2021 17:57

Tgt Ion: 98 Resp: 302773
Ion Ratio Lower Upper
98 100
100 63.6 51.9 77.9

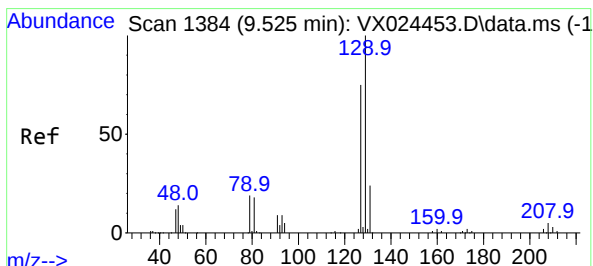
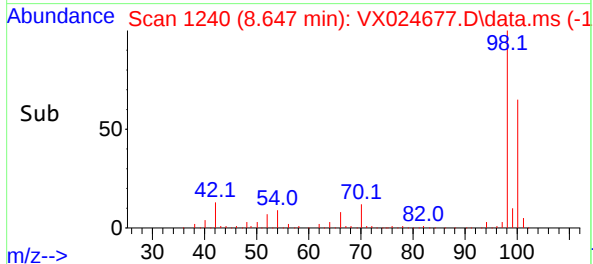
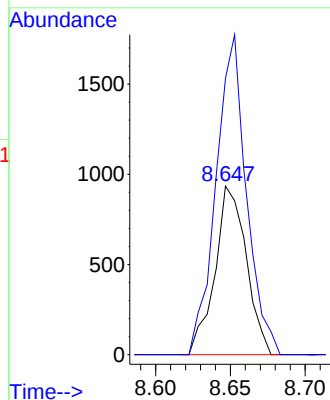
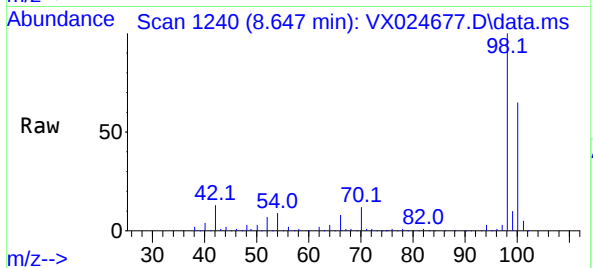




#51
4-Methyl-2-Pentanone
Concen: 0.450 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX024677.D
Acq: 08 Oct 2021 17:57

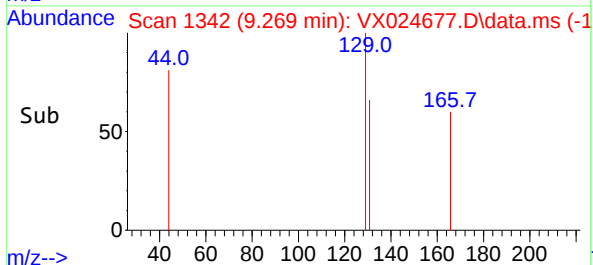
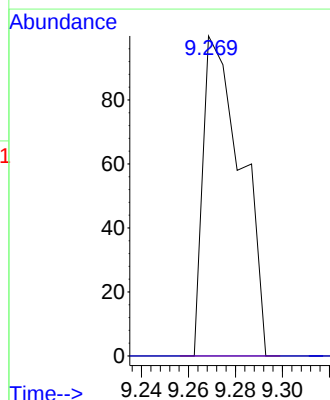
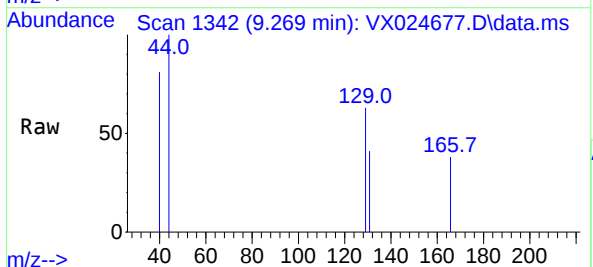
Instrument :
MSVOA_X
ClientSampled :

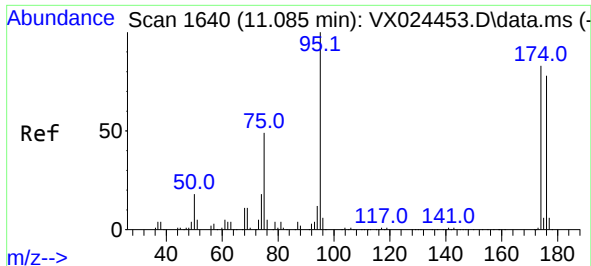
Tgt Ion: 43 Resp: 1361
Ion Ratio Lower Upper
43 100
58 184.5 35.4 53.0#



#60
Dibromochloromethane
Concen: 1.240 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.256 min
Lab File: VX024677.D
Acq: 08 Oct 2021 17:57

Tgt Ion: 129 Resp: 113
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

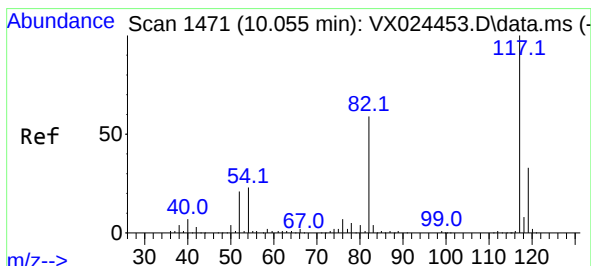
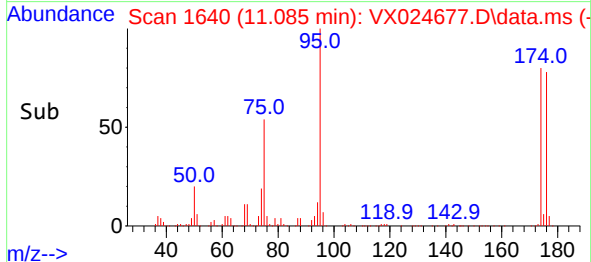
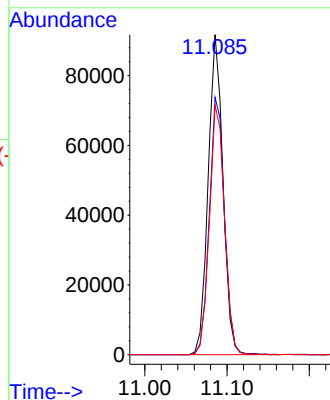
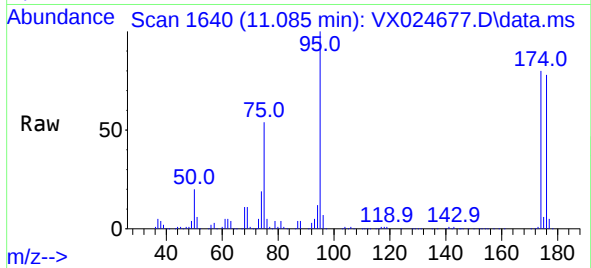




#62
4-Bromofluorobenzene
Concen: 47.316 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024677.D
Acq: 08 Oct 2021 17:57

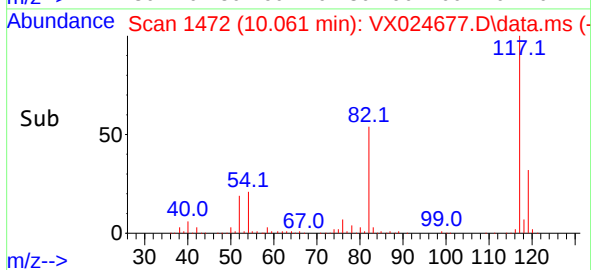
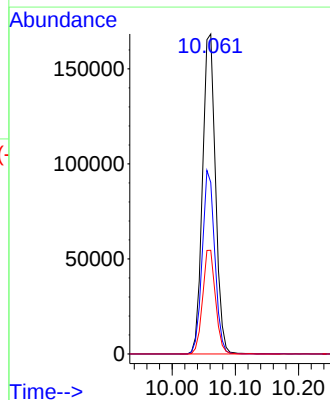
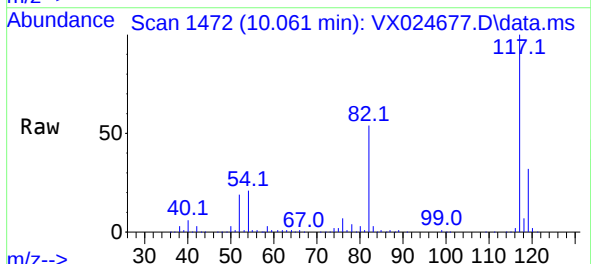
Instrument :
MSVOA_X
ClientSampleId :

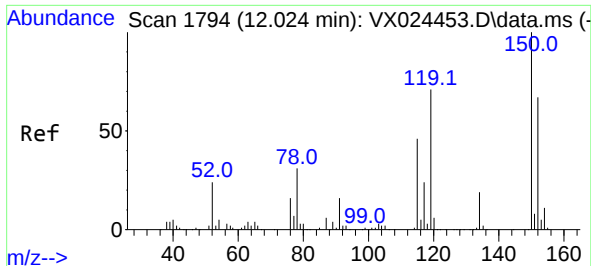
Tgt Ion: 95 Resp: 114450
Ion Ratio Lower Upper
95 100
174 82.6 0.0 154.6
176 79.5 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX024677.D
Acq: 08 Oct 2021 17:57

Tgt Ion: 117 Resp: 240523
Ion Ratio Lower Upper
117 100
82 53.6 47.4 71.2
119 32.4 26.6 39.8

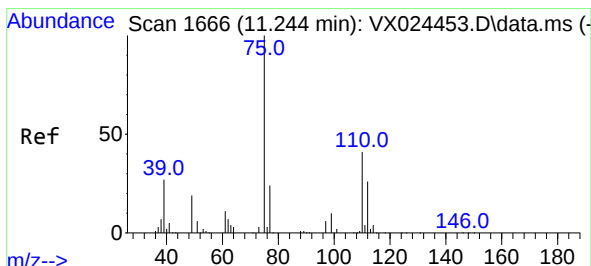
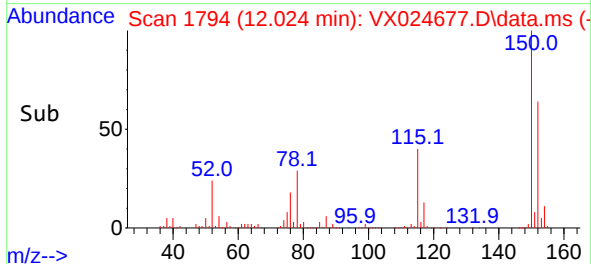
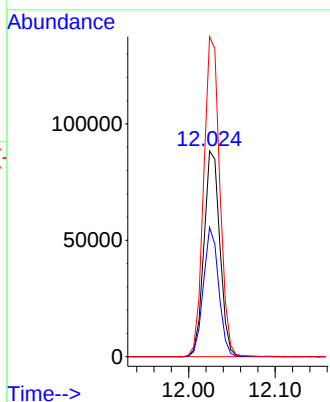
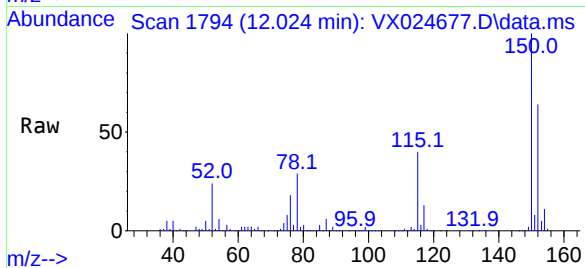




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024677.D
Acq: 08 Oct 2021 17:57

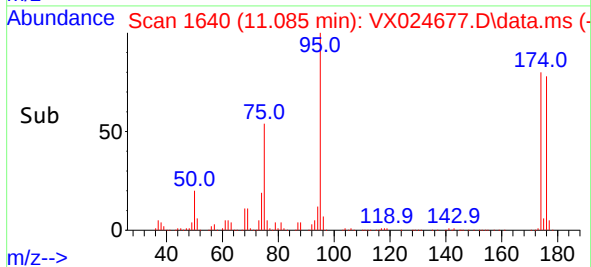
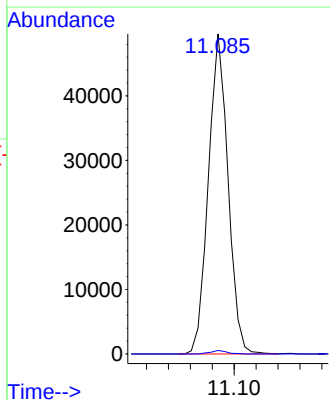
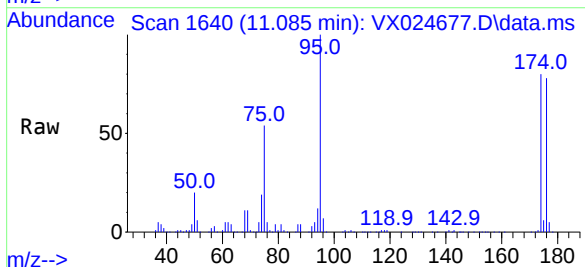
Instrument :
MSVOA_X
ClientSampled :

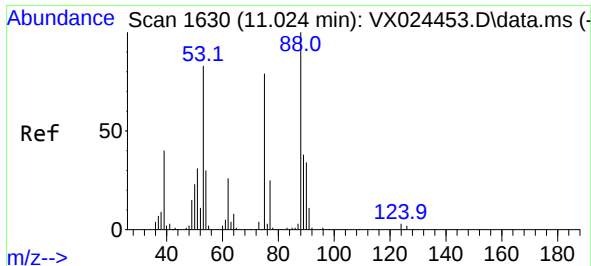
Tgt Ion:152 Resp: 112884
Ion Ratio Lower Upper
152 100
115 60.3 41.1 123.3
150 156.9 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 24.050 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024677.D
Acq: 08 Oct 2021 17:57

Tgt Ion: 75 Resp: 61652
Ion Ratio Lower Upper
75 100
77 0.9 19.1 57.5#

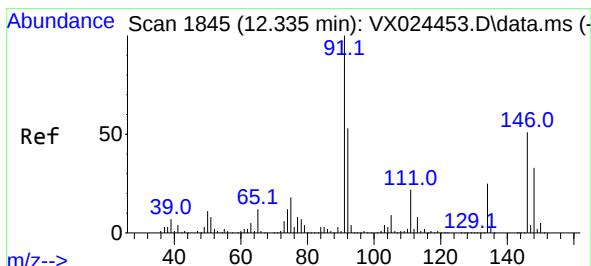
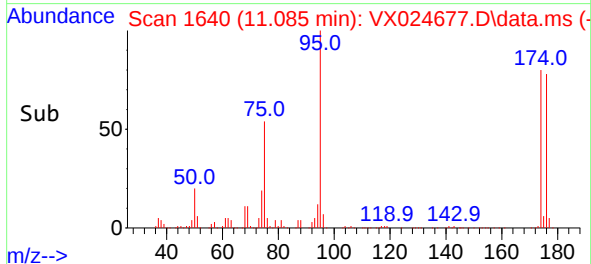
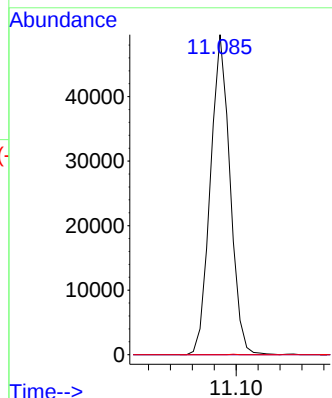
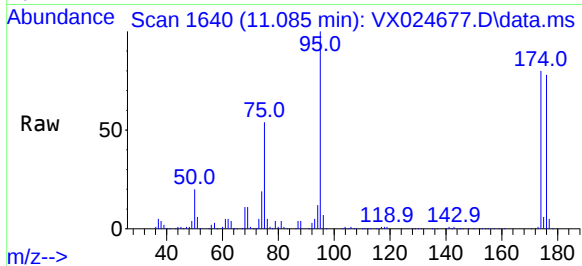




#81
trans-1,4-Dichloro-2-butene
Concen: 65.656 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024677.D
Acq: 08 Oct 2021 17:57

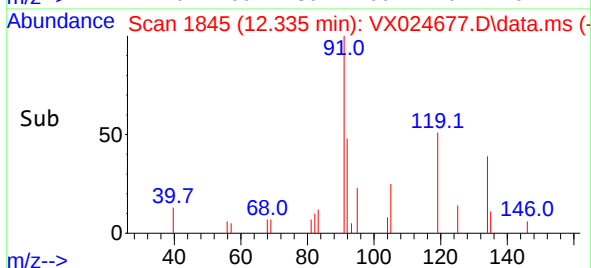
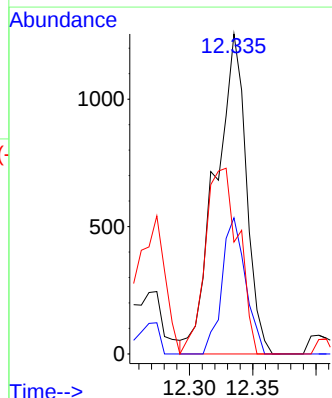
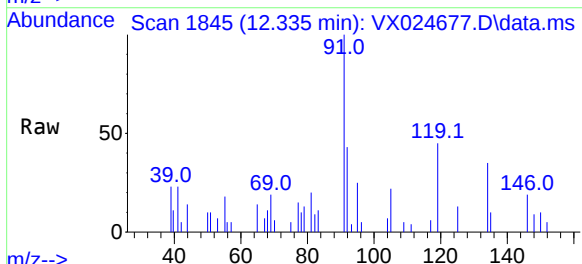
Instrument :
MSVOA_X
ClientSampled :

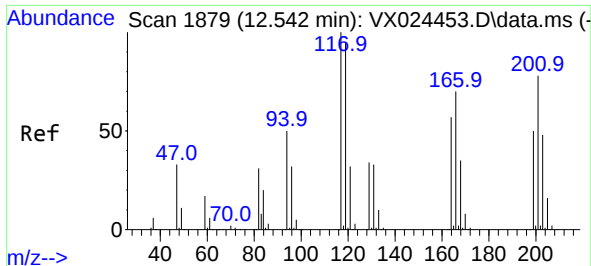
Tgt Ion: 75 Resp: 61652
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#89
n-Butylbenzene
Concen: 0.334 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX024677.D
Acq: 08 Oct 2021 17:57

Tgt Ion: 91 Resp: 2120
Ion Ratio Lower Upper
91 100
92 32.6 27.4 82.0
134 63.1 13.2 39.5#

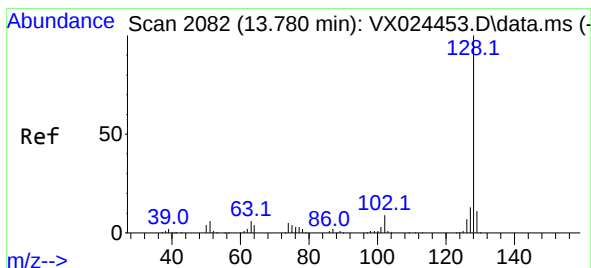
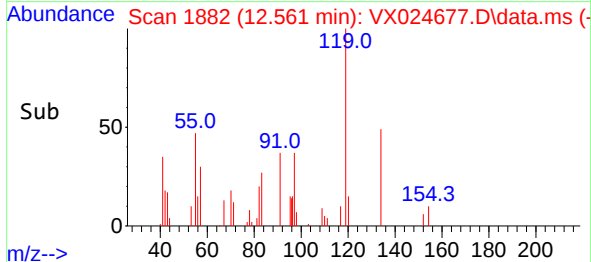
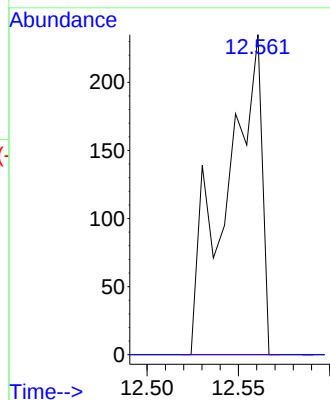
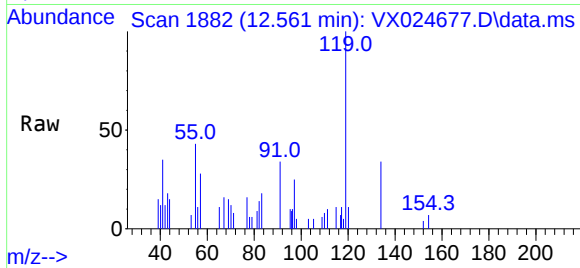




#90
Hexachloroethane
Concen: 0.271 ug/l
RT: 12.561 min Scan# 1882
Delta R.T. 0.019 min
Lab File: VX024677.D
Acq: 08 Oct 2021 17:57

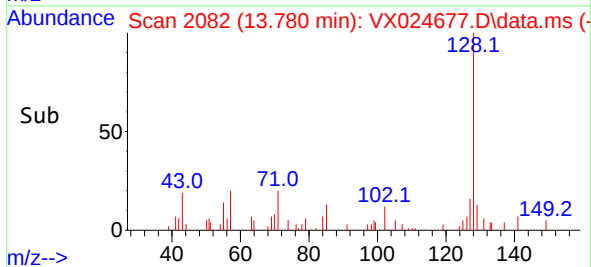
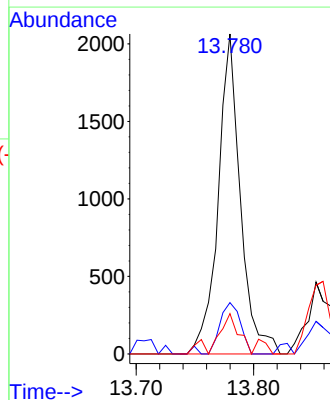
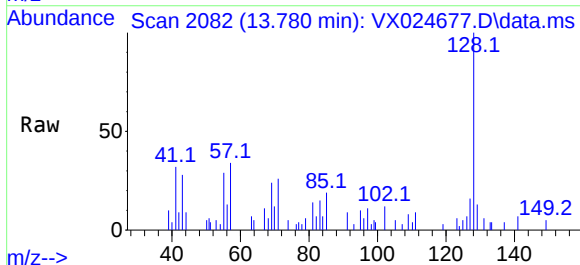
Instrument :
MSVOA_X
ClientSampled :

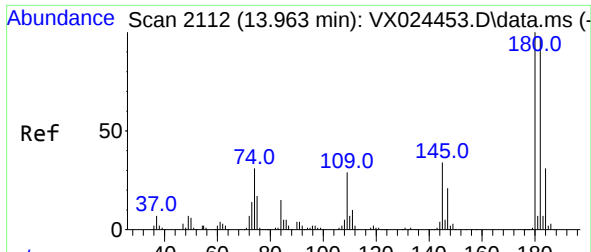
Tgt Ion:117 Resp: 319
Ion Ratio Lower Upper
117 100
201 0.0 40.4 121.2#



#95
Naphthalene
Concen: 0.345 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX024677.D
Acq: 08 Oct 2021 17:57

Tgt Ion:128 Resp: 2719
Ion Ratio Lower Upper
128 100
127 14.6 10.3 15.5
129 12.3 8.8 13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 0.231 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. -0.000 min
 Lab File: VX024677.D
 Acq: 08 Oct 2021 17:57

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion:180 Resp: 582
 Ion Ratio Lower Upper
 180 100
 182 78.0 47.6 142.9
 145 127.1 16.1 48.3#

