

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100821\
 Data File : VX024696.D
 Acq On : 09 Oct 2021 02:32
 Operator : JC/MD
 Sample : M4157-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 11 06:38:52 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	5.562	168	131614	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	227961	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	224514	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	100046	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	97881	52.768	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	105.540%
35) Dibromofluoromethane	5.391	113	77792	51.368	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.740%
50) Toluene-d8	8.653	98	282184	50.627	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.260%
62) 4-Bromofluorobenzene	11.085	95	104476	47.673	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.340%

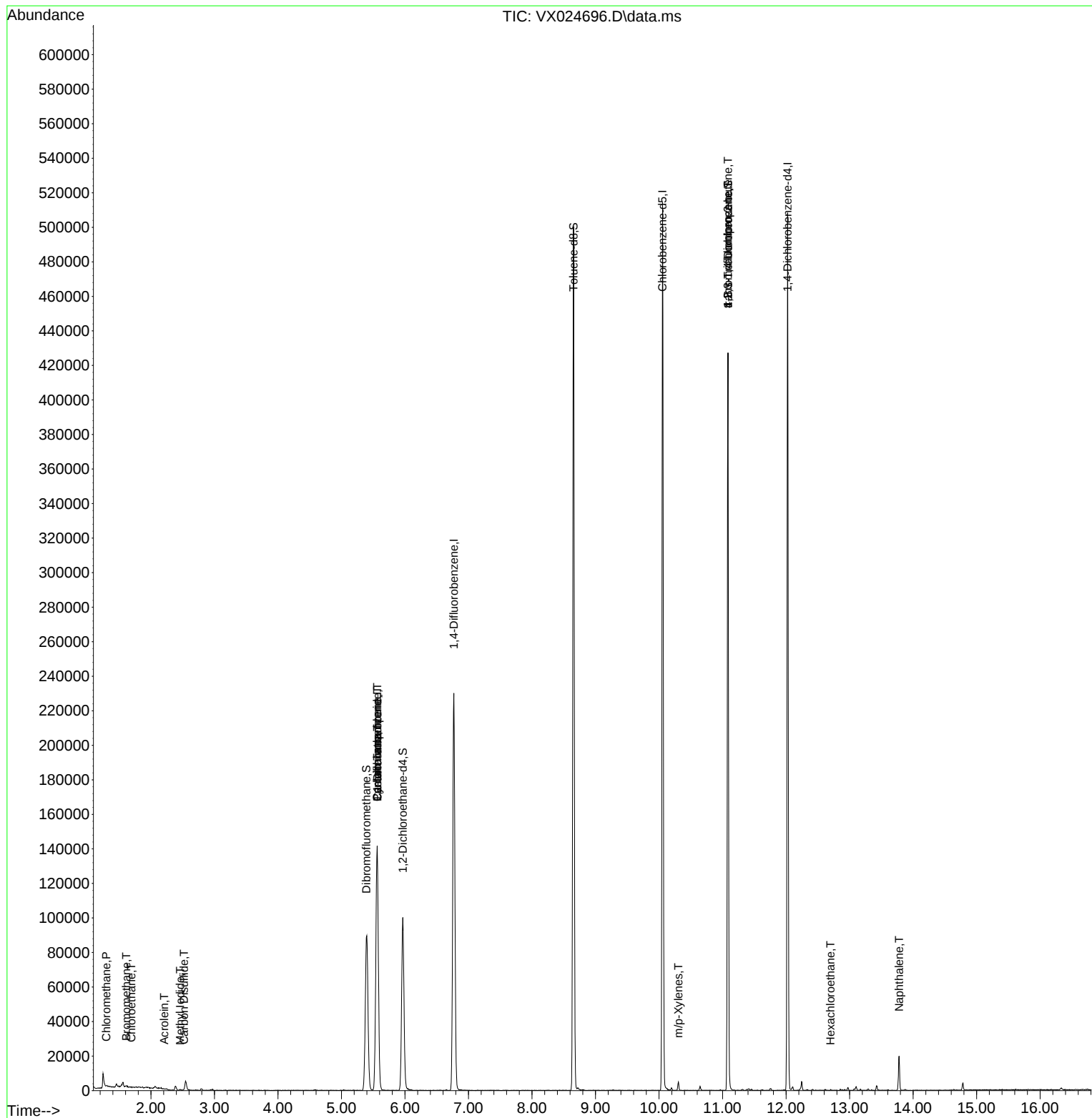
Target Compounds					Qvalue	
3) Chloromethane	1.295	50	251	0.201	ug/l	93
5) Bromomethane	1.611	94	364	0.414	ug/l #	57
6) Chloroethane	1.691	64	188	0.473	ug/l #	43
10) Methyl Iodide	2.459	142	429	0.236	ug/l #	85
11) Tert butyl alcohol	2.965	59	425	Below Cal	#	73
13) Acrolein	2.209	56	18	10.230	ug/l #	14
16) Acetone	2.386	43	2605	Below Cal	#	81
17) Carbon Disulfide	2.520	76	524	0.395	ug/l #	75
20) Methylene Chloride	2.788	84	334	Below Cal	#	90
31) Cyclohexane	5.562	56	2801	1.261	ug/l #	26
36) 1,1-Dichloropropene	5.562	75	10241	4.686	ug/l #	49
38) Carbon Tetrachloride	5.562	117	13494	5.672	ug/l #	17
68) m/p-Xylenes	10.305	106	1125	0.354	ug/l	100
76) 1,2,3-Trichloropropane	11.085	75	57654	25.376	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	57654	69.170	ug/l #	12
90) Hexachloroethane	12.701	117	267	0.256	ug/l #	9
95) Naphthalene	13.780	128	12385	1.774	ug/l	99

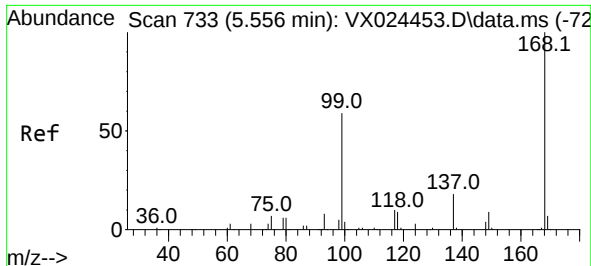
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100821\
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Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Oct 11 06:38:52 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

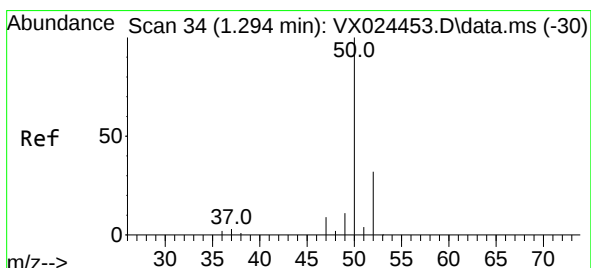
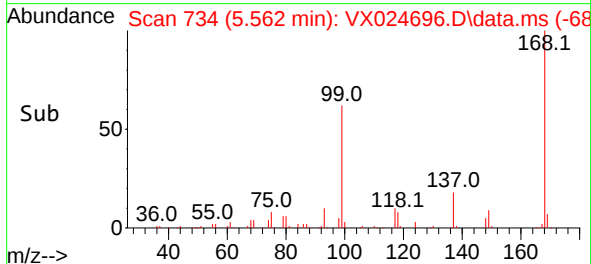
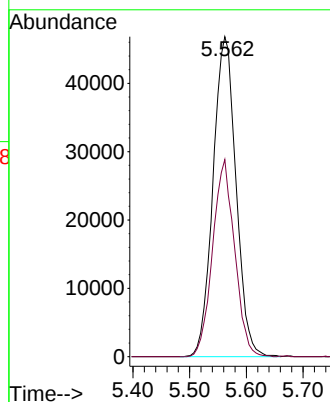
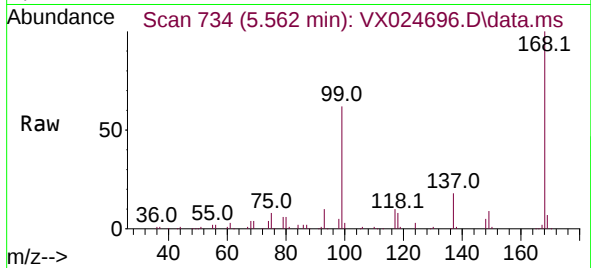




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX024696.D
Acq: 09 Oct 2021 02:32

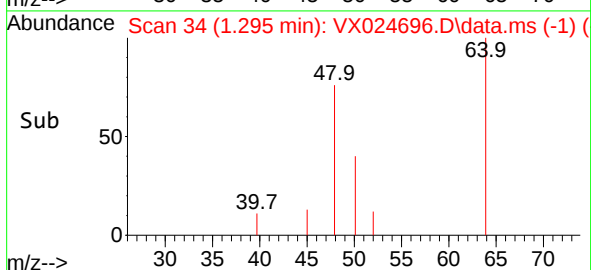
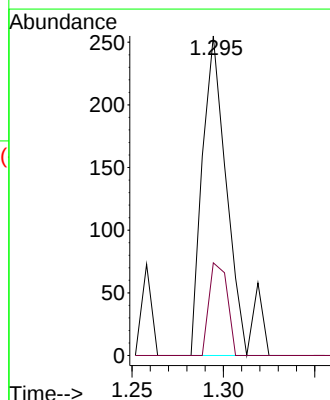
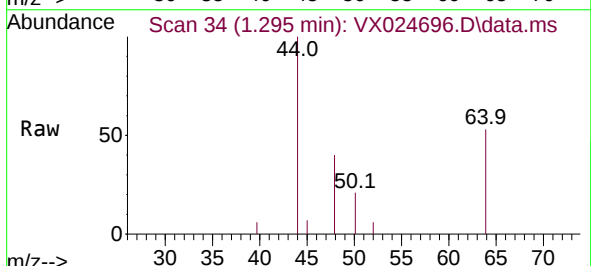
Instrument :
MSVOA_X
ClientSampled :

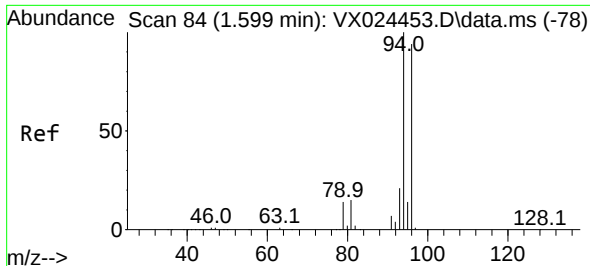
Tgt Ion:168 Resp: 131614
Ion Ratio Lower Upper
168 100
99 61.6 45.8 68.6



#3
Chloromethane
Concen: 0.201 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX024696.D
Acq: 09 Oct 2021 02:32

Tgt Ion: 50 Resp: 251
Ion Ratio Lower Upper
50 100
52 29.0 26.4 39.6

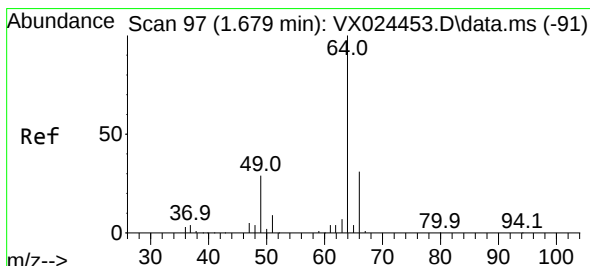
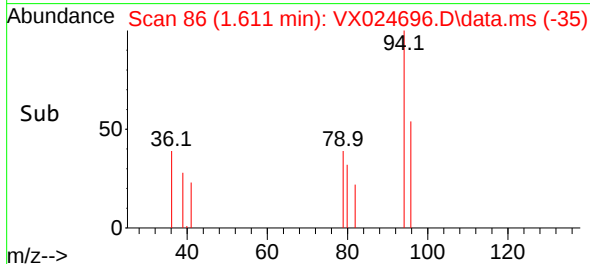
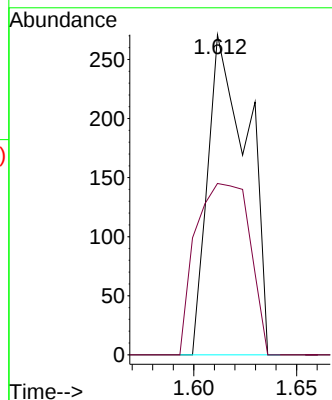
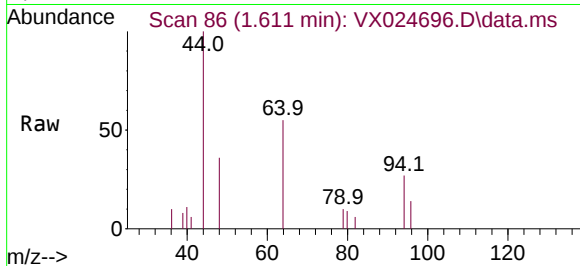




#5
Bromomethane
Concen: 0.414 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX024696.D
Acq: 09 Oct 2021 02:32

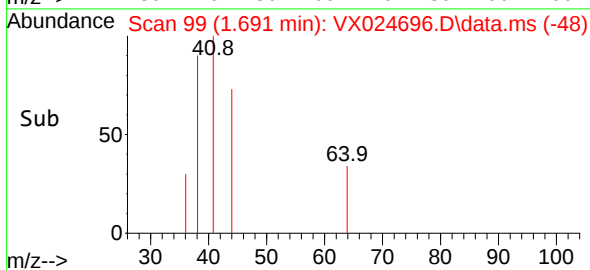
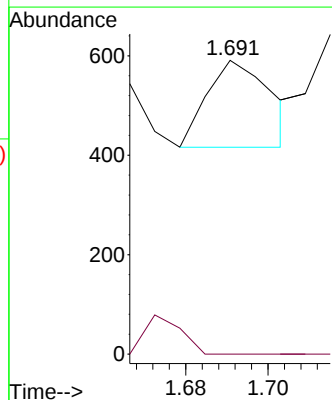
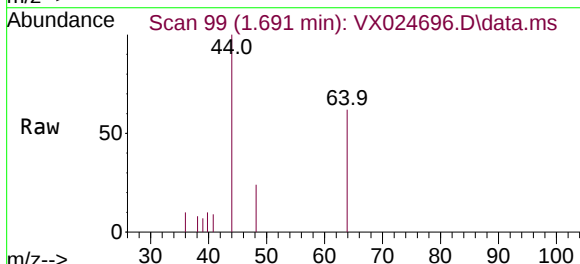
Instrument :
MSVOA_X
ClientSampled :

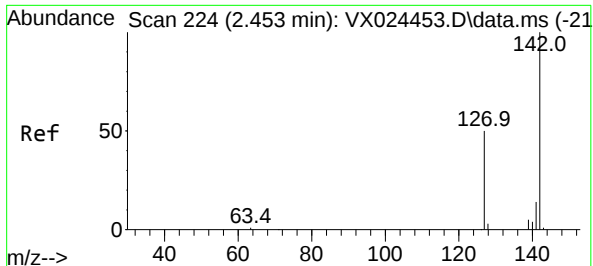
Tgt Ion: 94 Resp: 364
Ion Ratio Lower Upper
94 100
96 53.5 76.4 114.6#



#6
Chloroethane
Concen: 0.473 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.012 min
Lab File: VX024696.D
Acq: 09 Oct 2021 02:32

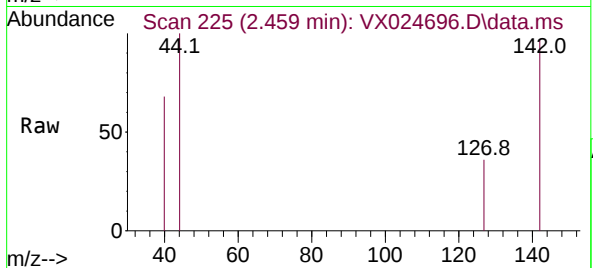
Tgt Ion: 64 Resp: 188
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



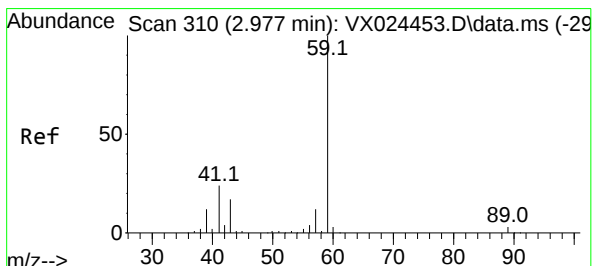
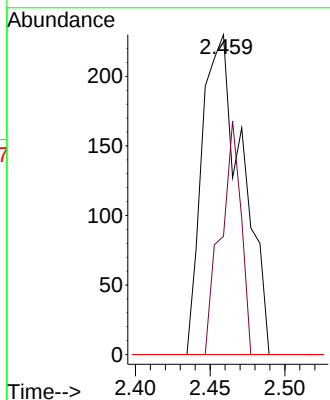
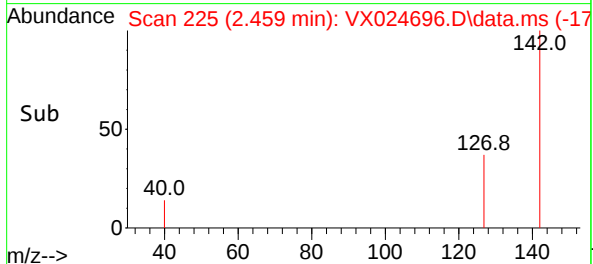


#10
Methyl Iodide
Concen: 0.236 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX024696.D
Acq: 09 Oct 2021 02:32

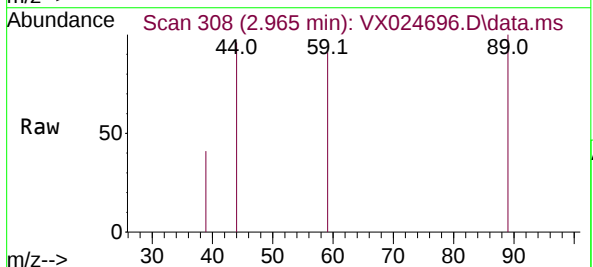
Instrument :
MSVOA_X
ClientSampled :



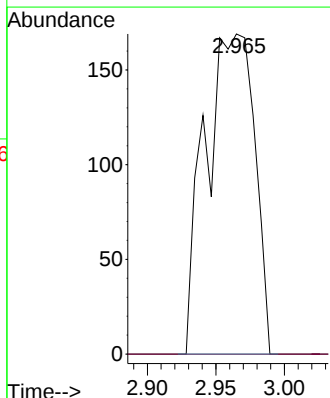
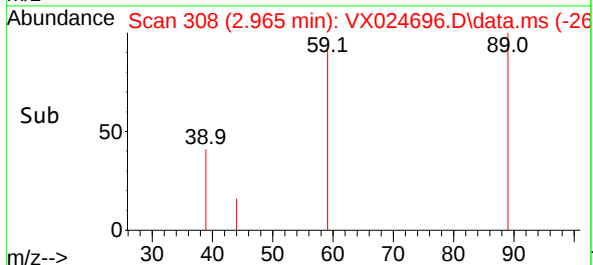
Tgt Ion:142 Resp: 429
Ion Ratio Lower Upper
142 100
127 36.6 33.3 49.9
141 0.0 11.4 17.0#

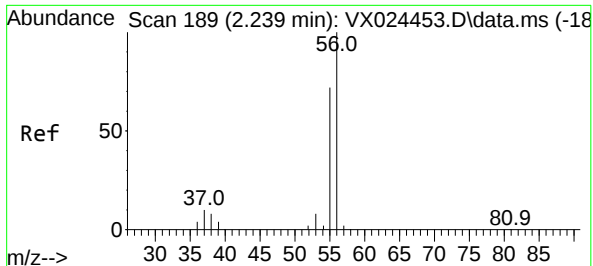


#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.965 min Scan# 308
Delta R.T. -0.012 min
Lab File: VX024696.D
Acq: 09 Oct 2021 02:32



Tgt Ion: 59 Resp: 425
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

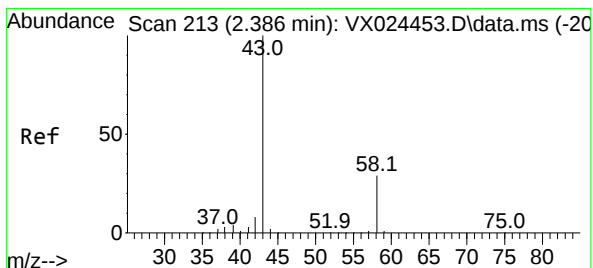
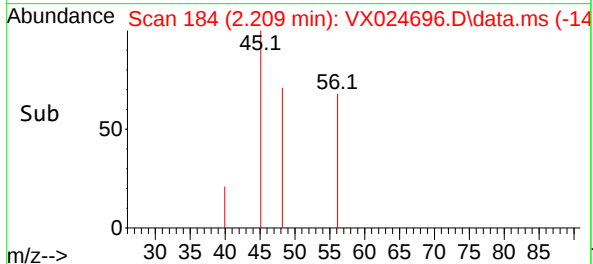
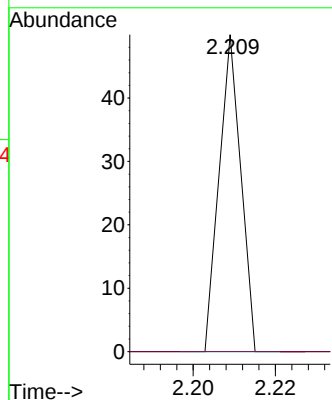
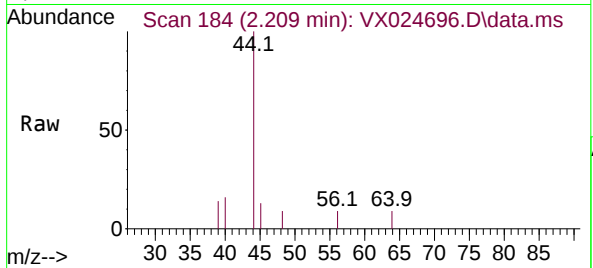




#13
Acrolein
Concen: 10.230 ug/l
RT: 2.209 min Scan# 184
Delta R.T. -0.030 min
Lab File: VX024696.D
Acq: 09 Oct 2021 02:32

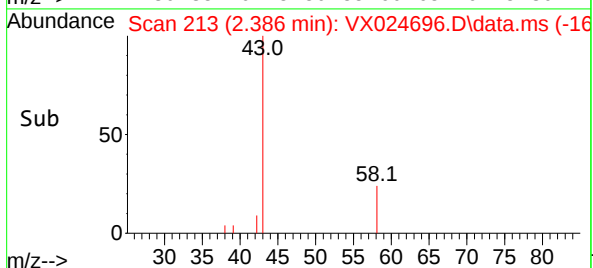
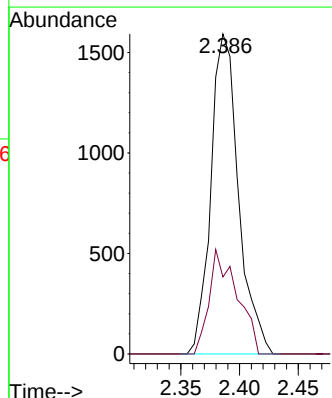
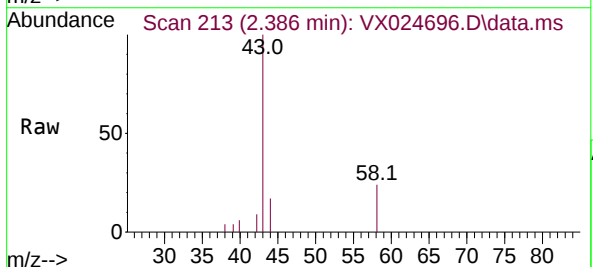
Instrument :
MSVOA_X
ClientSampled :

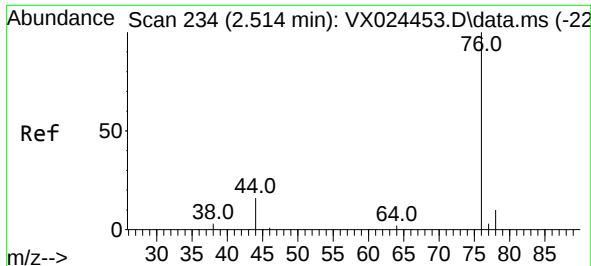
Tgt Ion: 56 Resp: 18
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: Below Cal
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX024696.D
Acq: 09 Oct 2021 02:32

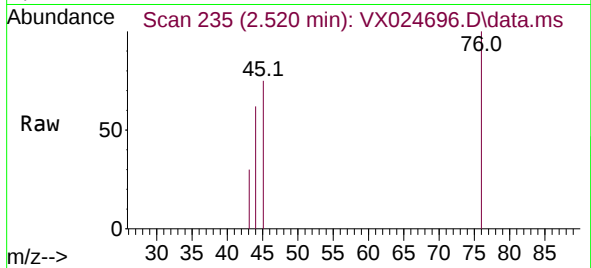
Tgt Ion: 43 Resp: 2605
Ion Ratio Lower Upper
43 100
58 24.1 27.8 41.8#



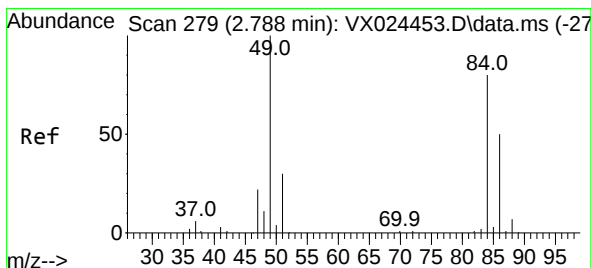
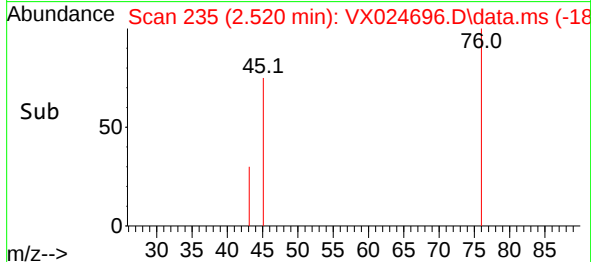
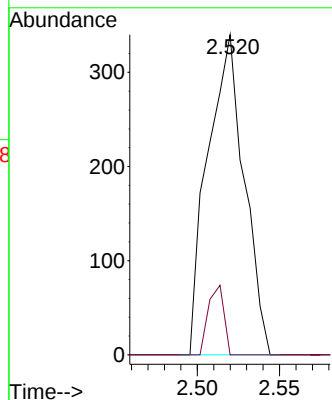


#17
Carbon Disulfide
Concen: 0.395 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX024696.D
Acq: 09 Oct 2021 02:32

Instrument :
MSVOA_X
ClientSampled :

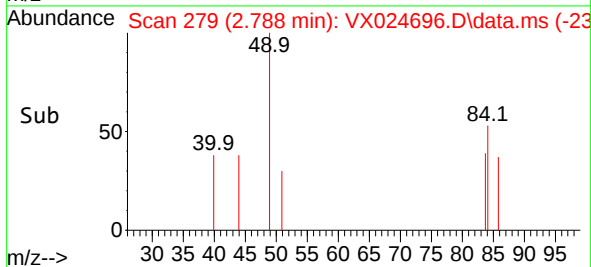
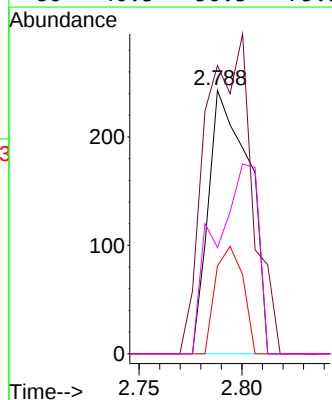
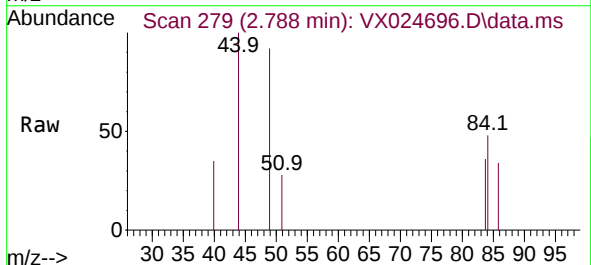


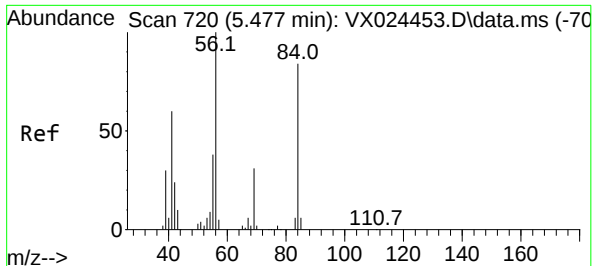
Tgt Ion: 76 Resp: 524
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX024696.D
Acq: 09 Oct 2021 02:32

Tgt Ion: 84 Resp: 334
Ion Ratio Lower Upper
84 100
49 109.5 88.6 132.8
51 33.3 27.0 40.6
86 40.3 50.3 75.5#

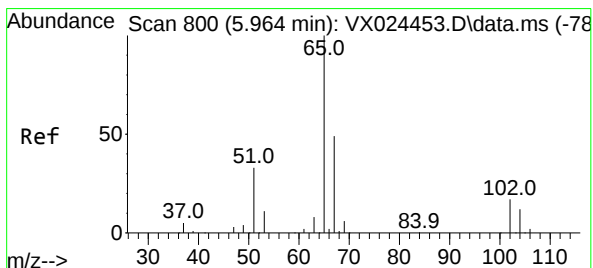
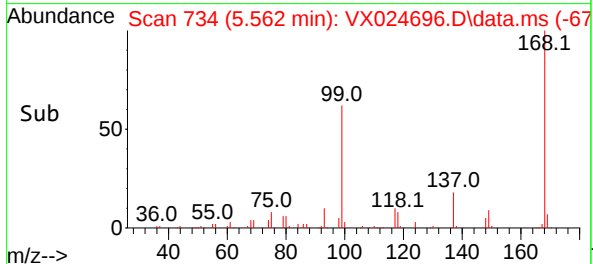
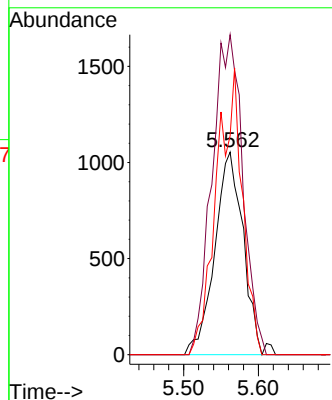
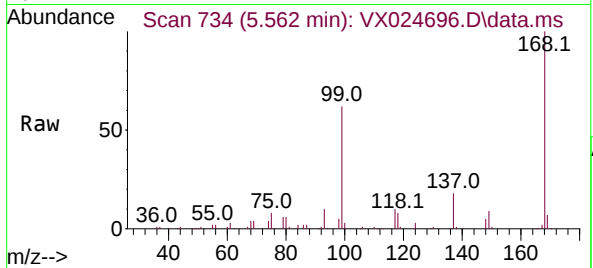




#31
Cyclohexane
Concen: 1.261 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX024696.D
Acq: 09 Oct 2021 02:32

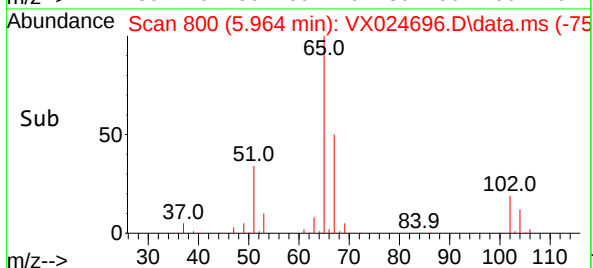
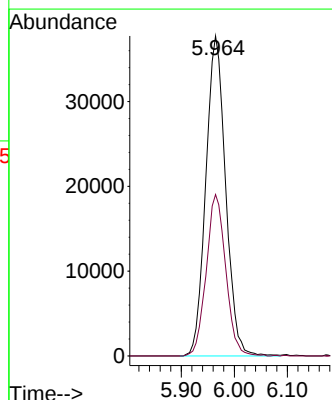
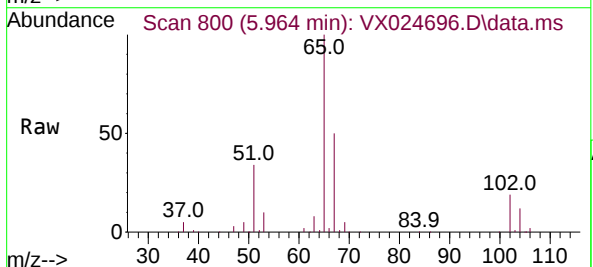
Instrument :
MSVOA_X
ClientSampled :

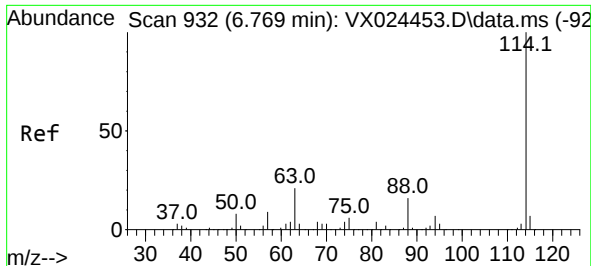
Tgt Ion: 56 Resp: 2801
Ion Ratio Lower Upper
56 100
69 158.0 25.3 37.9#
84 108.1 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 52.768 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024696.D
Acq: 09 Oct 2021 02:32

Tgt Ion: 65 Resp: 97881
Ion Ratio Lower Upper
65 100
67 49.7 0.0 105.4

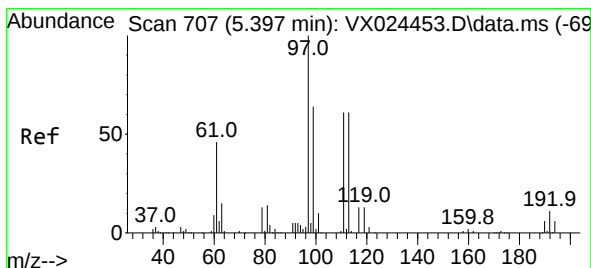
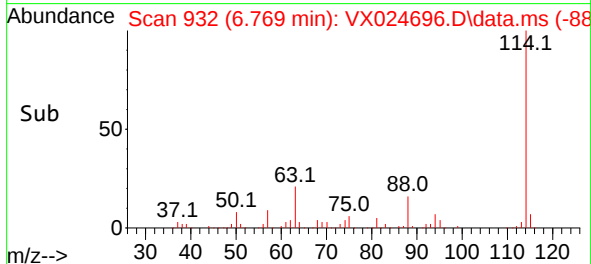
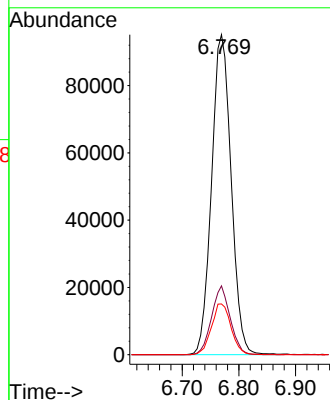
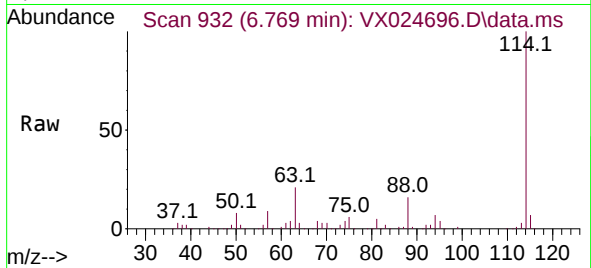




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024696.D
Acq: 09 Oct 2021 02:32

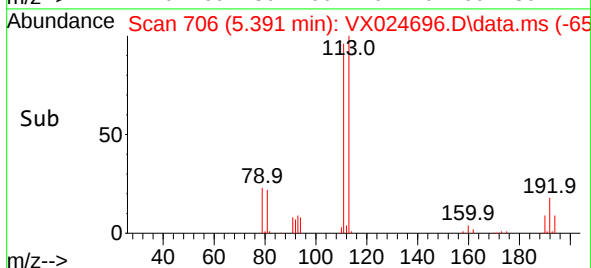
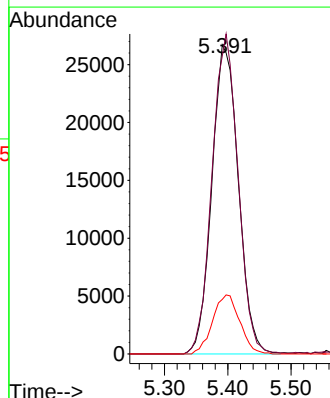
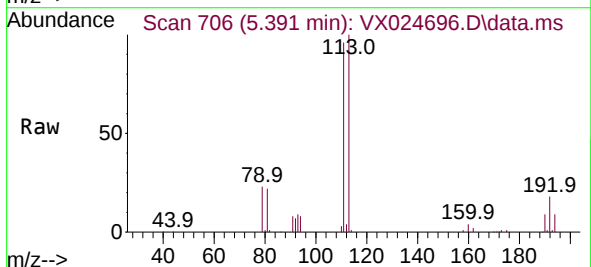
Instrument :
MSVOA_X
ClientSampled :

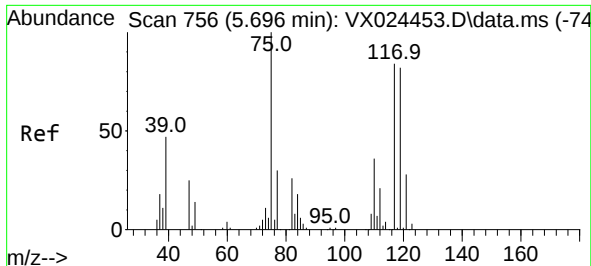
Tgt Ion:114 Resp: 227961
Ion Ratio Lower Upper
114 100
63 21.5 0.0 40.8
88 15.9 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.368 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX024696.D
Acq: 09 Oct 2021 02:32

Tgt Ion:113 Resp: 77792
Ion Ratio Lower Upper
113 100
111 101.5 81.9 122.9
192 19.5 16.7 25.1

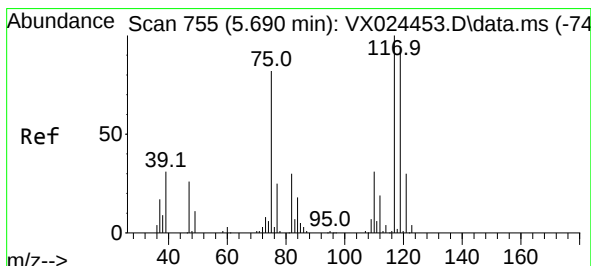
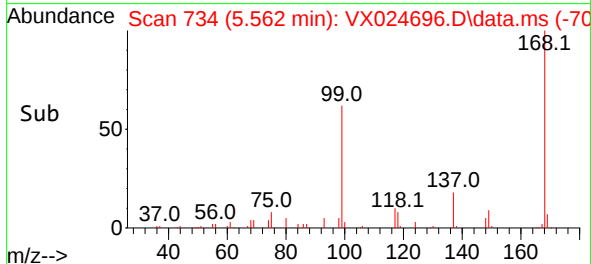
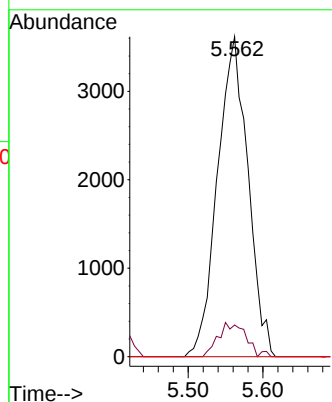
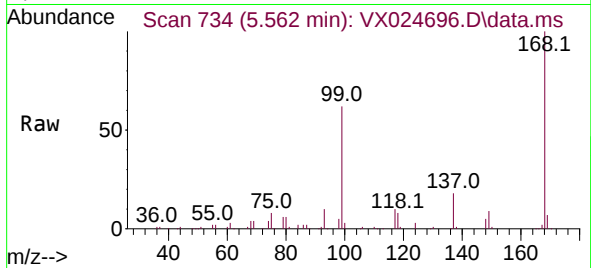




#36
1,1-Dichloropropene
Concen: 4.686 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.134 min
Lab File: VX024696.D
Acq: 09 Oct 2021 02:32

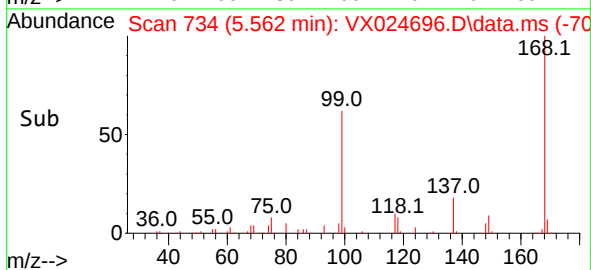
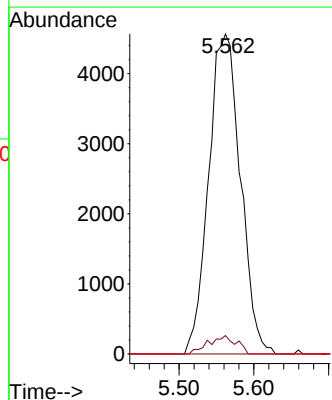
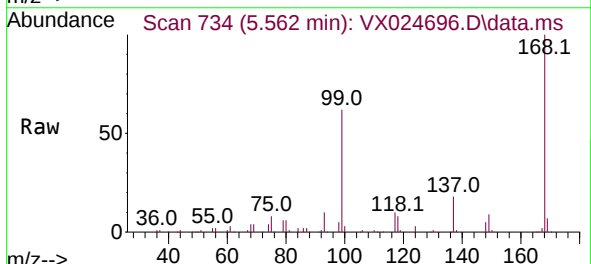
Instrument :
MSVOA_X
ClientSampled :

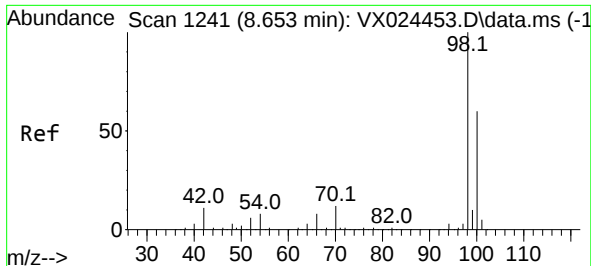
Tgt Ion: 75 Resp: 10241
Ion Ratio Lower Upper
75 100
110 9.8 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.672 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX024696.D
Acq: 09 Oct 2021 02:32

Tgt Ion: 117 Resp: 13494
Ion Ratio Lower Upper
117 100
119 5.7 76.2 114.2#
121 0.0 24.8 37.2#

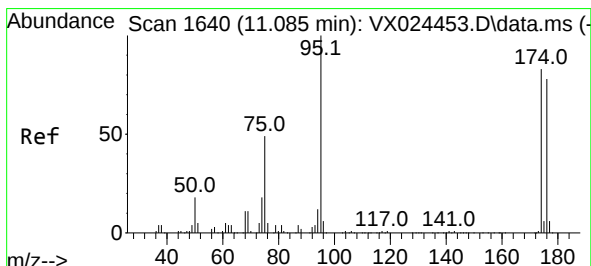
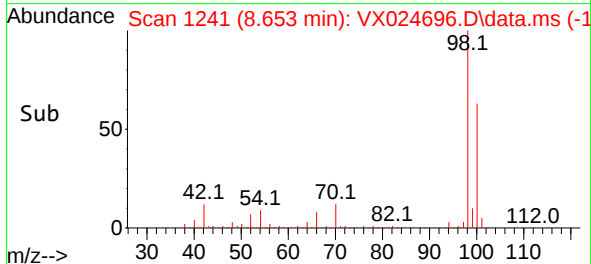
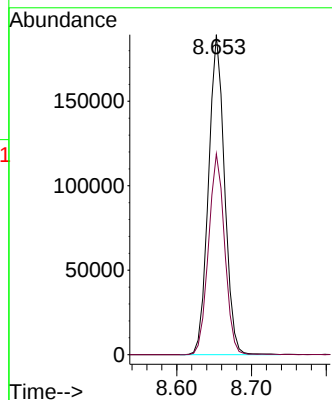
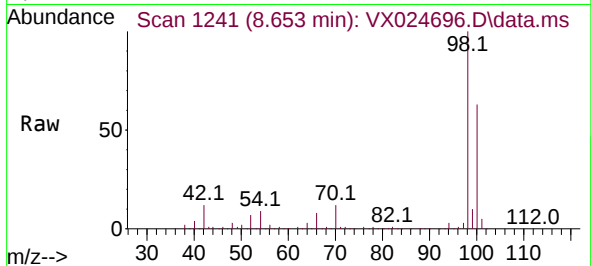




#50
Toluene-d8
Concen: 50.627 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024696.D
Acq: 09 Oct 2021 02:32

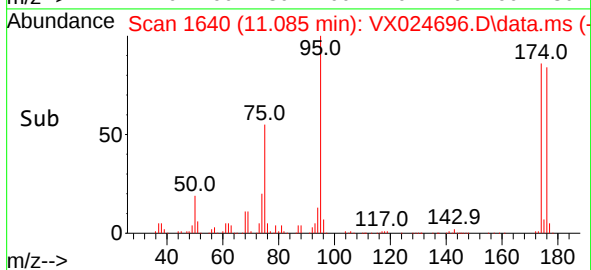
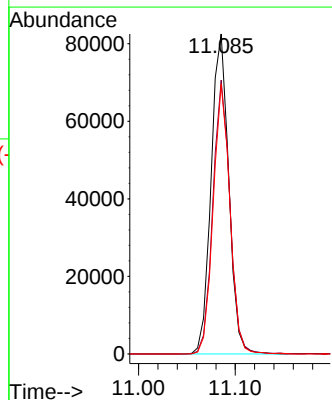
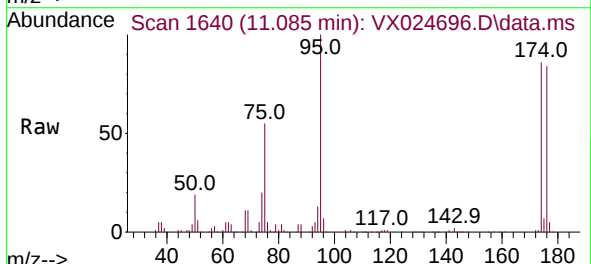
Instrument :
MSVOA_X
ClientSampled :

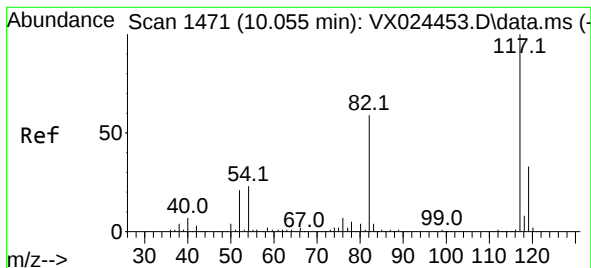
Tgt Ion: 98 Resp: 282184
Ion Ratio Lower Upper
98 100
100 63.2 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 47.673 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024696.D
Acq: 09 Oct 2021 02:32

Tgt Ion: 95 Resp: 104476
Ion Ratio Lower Upper
95 100
174 83.0 0.0 154.6
176 80.2 0.0 155.8

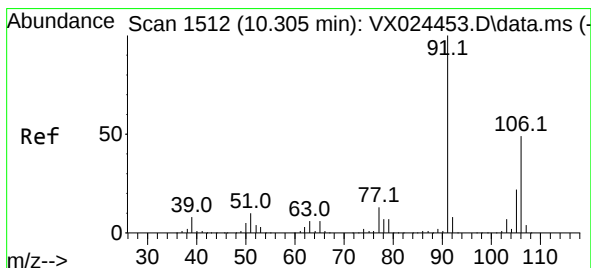
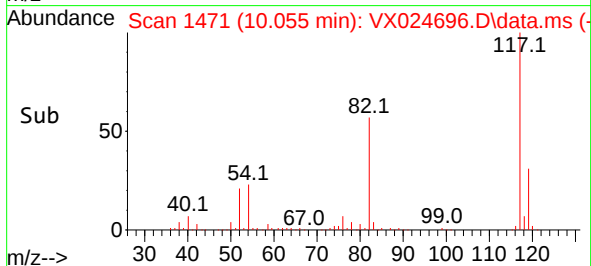
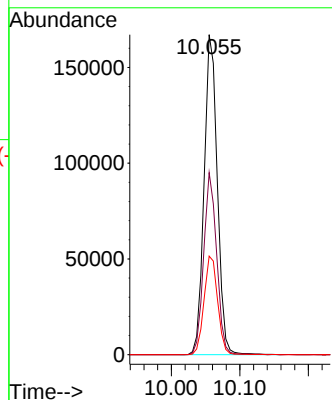
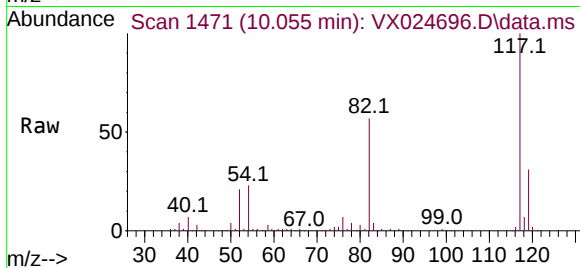




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX024696.D
Acq: 09 Oct 2021 02:32

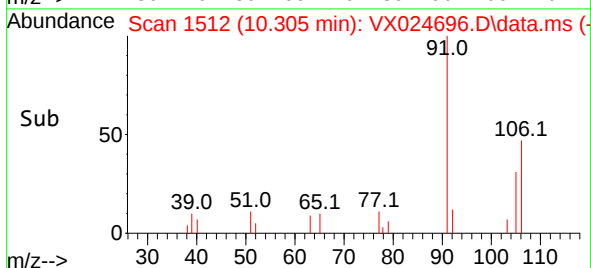
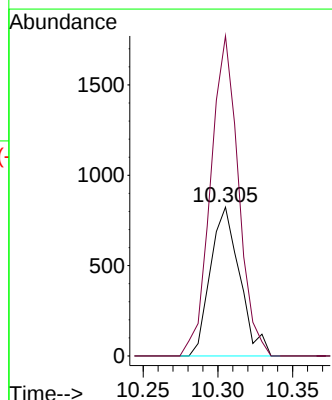
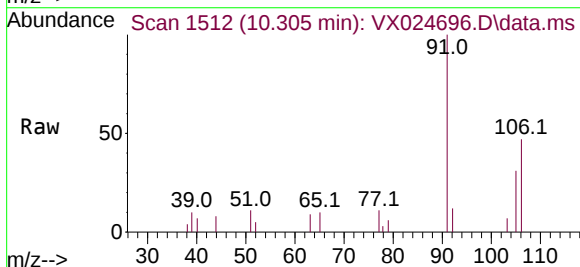
Instrument :
MSVOA_X
ClientSampled :

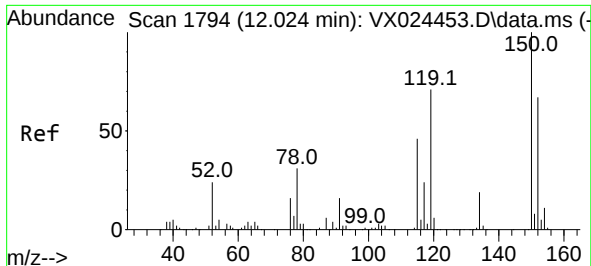
Tgt Ion:117 Resp: 224514
Ion Ratio Lower Upper
117 100
82 56.9 47.4 71.2
119 30.8 26.6 39.8



#68
m/p-Xylenes
Concen: 0.354 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX024696.D
Acq: 09 Oct 2021 02:32

Tgt Ion:106 Resp: 1125
Ion Ratio Lower Upper
106 100
91 203.9 162.8 244.2

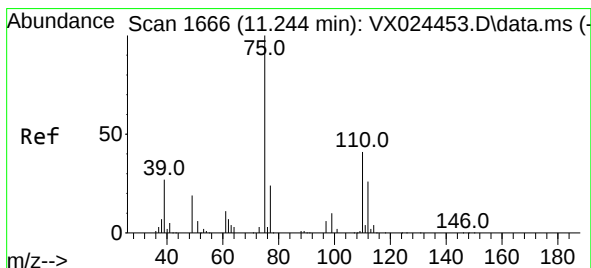
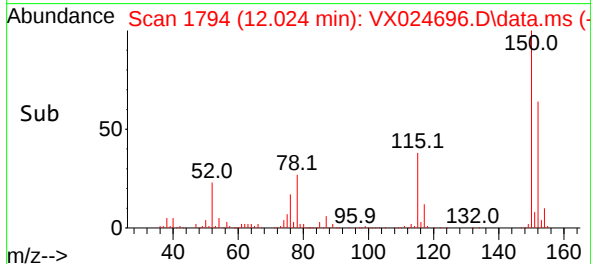
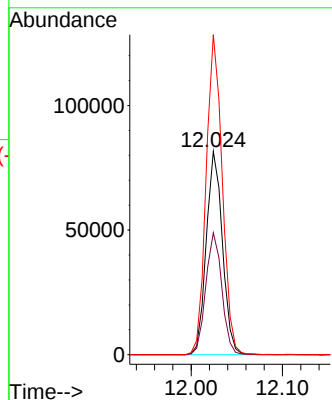
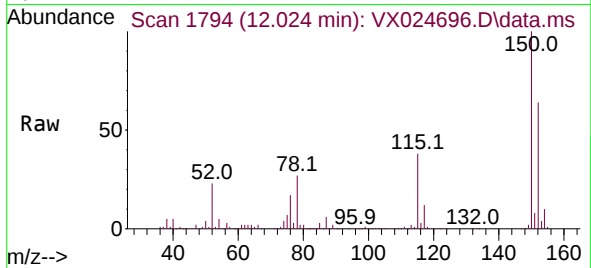




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024696.D
Acq: 09 Oct 2021 02:32

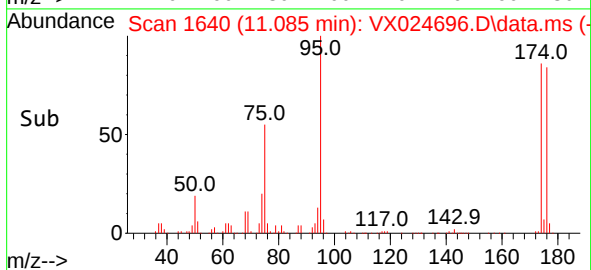
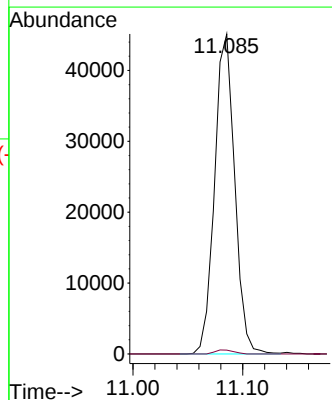
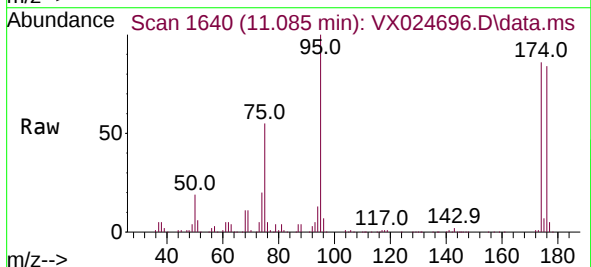
Instrument :
MSVOA_X
ClientSampled :

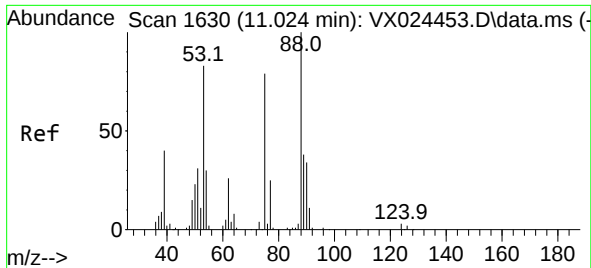
Tgt Ion:152 Resp: 100046
Ion Ratio Lower Upper
152 100
115 59.4 41.1 123.3
150 156.3 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 25.376 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024696.D
Acq: 09 Oct 2021 02:32

Tgt Ion: 75 Resp: 57654
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#

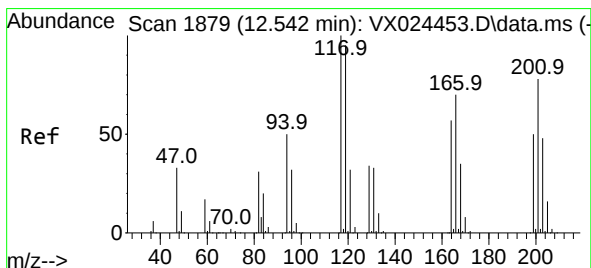
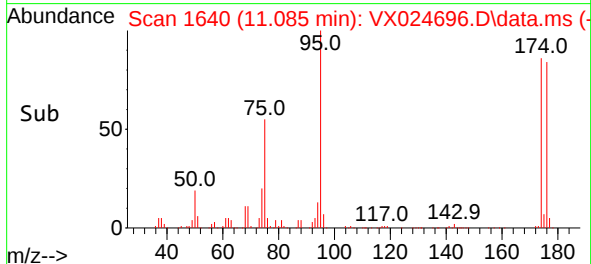
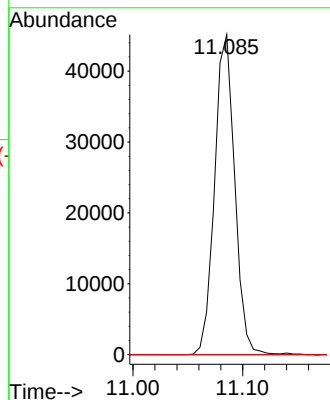
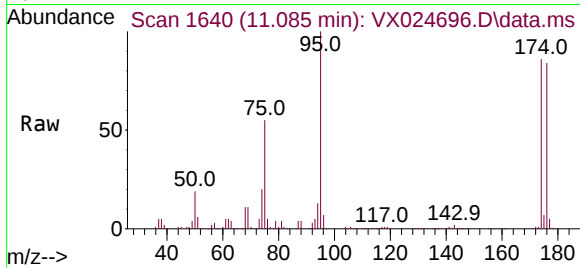




#81
trans-1,4-Dichloro-2-butene
Concen: 69.170 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024696.D
Acq: 09 Oct 2021 02:32

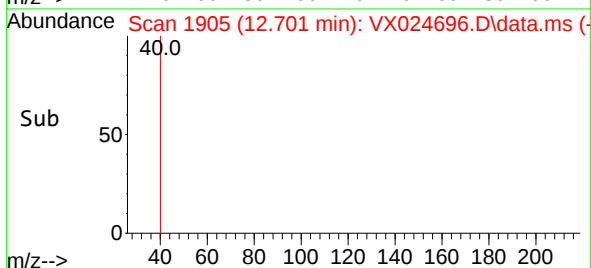
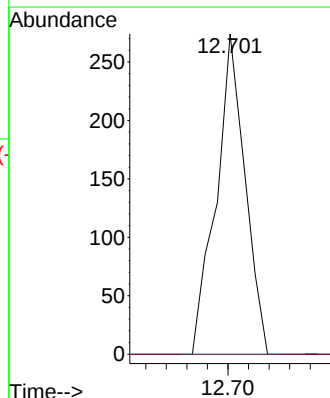
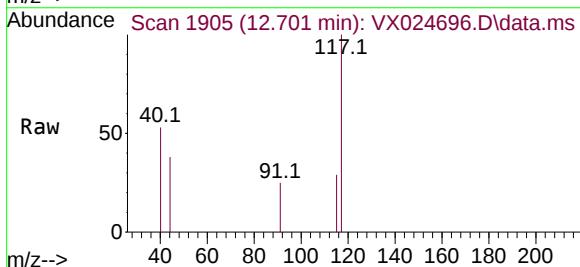
Instrument :
MSVOA_X
ClientSampleId :

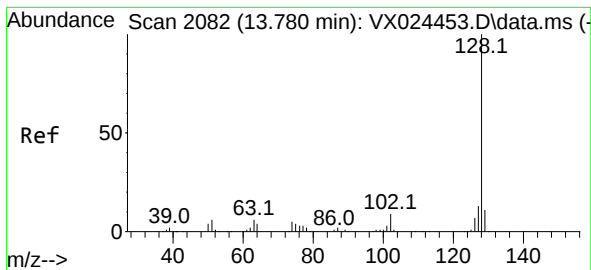
Tgt Ion: 75 Resp: 57654
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#90
Hexachloroethane
Concen: 0.256 ug/l
RT: 12.701 min Scan# 1905
Delta R.T. 0.159 min
Lab File: VX024696.D
Acq: 09 Oct 2021 02:32

Tgt Ion: 117 Resp: 267
Ion Ratio Lower Upper
117 100
201 0.0 40.4 121.2#





#95
Naphthalene
Concen: 1.774 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX024696.D
Acq: 09 Oct 2021 02:32

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:	128	Resp:	12385
Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.3	15.5
129	10.5	8.8	13.2

