

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101221\
 Data File : VX024768.D
 Acq On : 12 Oct 2021 17:11
 Operator : JC/MD
 Sample : M4170-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 12 17:35:59 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

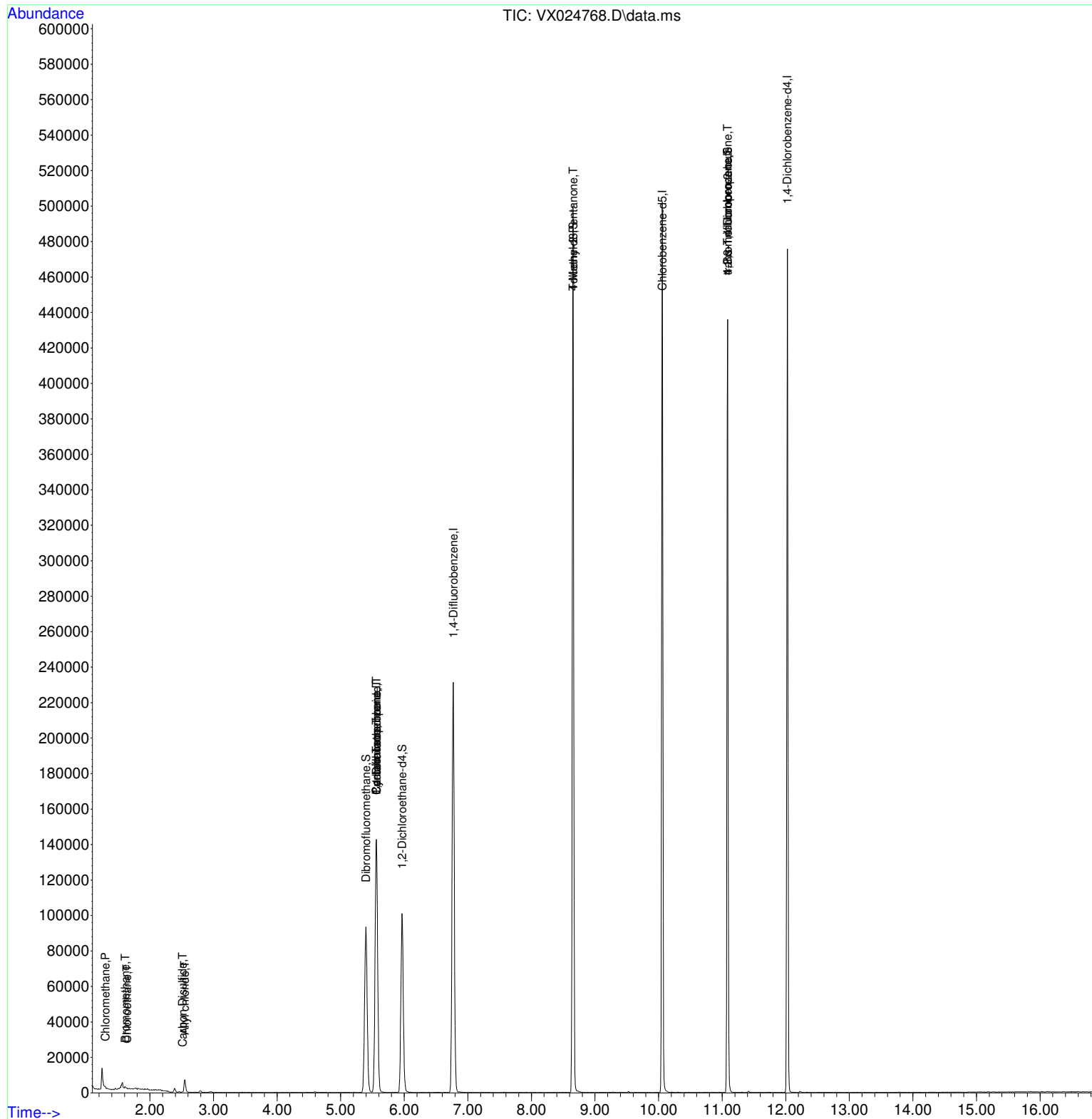
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	131115	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	230318	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	225962	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96070	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	101179	54.75	ug/l	0.00
Spiked Amount 50.000	Range 78	- 117	Recovery	=	109.50%	
35) Dibromofluoromethane	5.397	113	78696	51.43	ug/l	0.00
Spiked Amount 50.000	Range 75	- 124	Recovery	=	102.86%	
50) Toluene-d8	8.653	98	283241	50.30	ug/l	0.00
Spiked Amount 50.000	Range 92	- 112	Recovery	=	100.60%	
62) 4-Bromofluorobenzene	11.085	95	112492	50.81	ug/l	0.00
Spiked Amount 50.000	Range 83	- 123	Recovery	=	101.62%	
Target Compounds						Qvalue
3) Chloromethane	1.295	50	332	0.27	ug/l #	74
5) Bromomethane	1.612	94	323	0.37	ug/l #	55
6) Chloroethane	1.636	64	449	0.77	ug/l	90
11) Tert butyl alcohol	2.941	59	146	Below Cal	#	73
14) Allyl chloride	2.544	41	658	0.30	ug/l #	38
16) Acetone	2.392	43	2466	Below Cal		93
17) Carbon Disulfide	2.514	76	337	0.34	ug/l #	75
20) Methylene Chloride	2.794	84	496	Below Cal	#	88
31) Cyclohexane	5.562	56	2701	1.22	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	10490	4.75	ug/l #	49
38) Carbon Tetrachloride	5.562	117	14182	5.90	ug/l #	15
51) 4-Methyl-2-Pentanone	8.653	43	1277	0.46	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	59725	27.38	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	59725	74.47	ug/l #	12

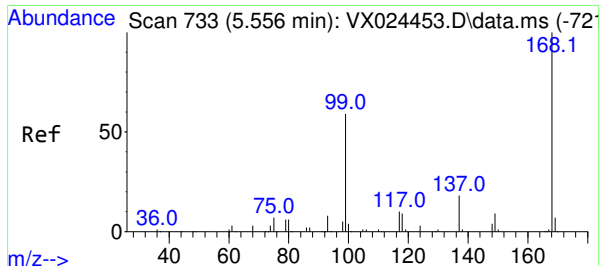
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101221\
Data File : VX024768.D
Acq On : 12 Oct 2021 17:11
Operator : JC/MD
Sample : M4170-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Oct 12 17:35:59 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

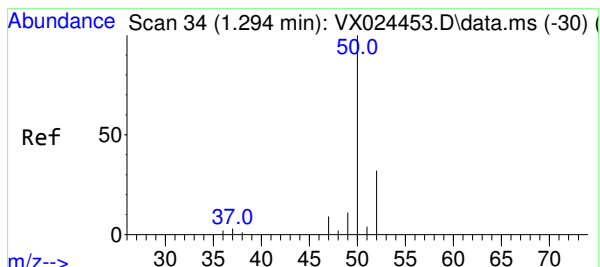
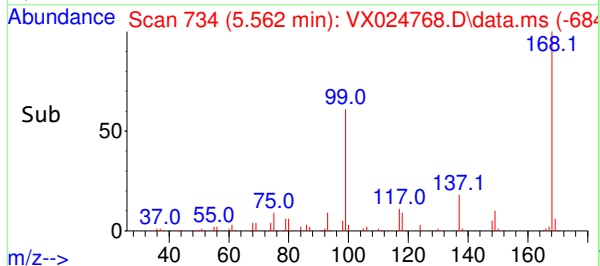
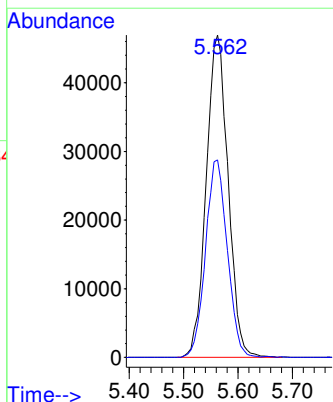
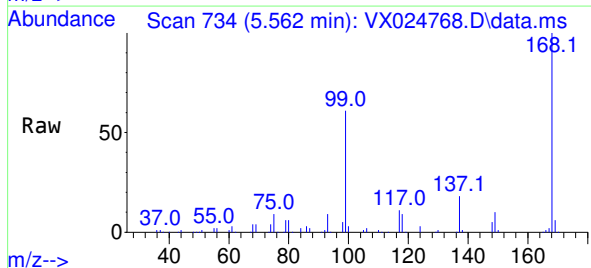




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX024768.D
Acq: 12 Oct 2021 17:11

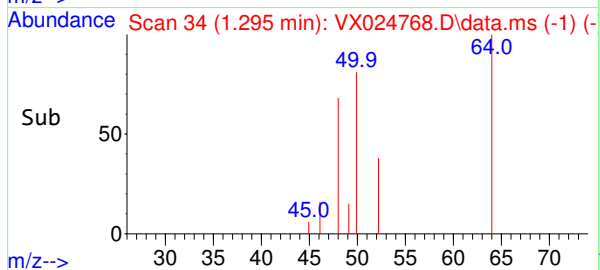
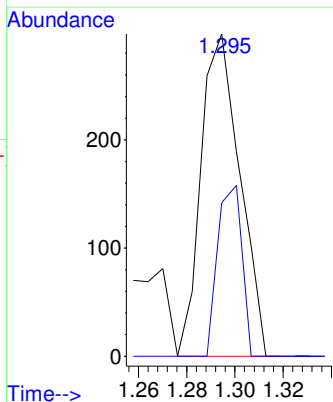
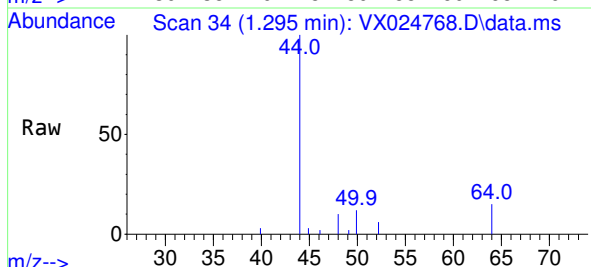
Instrument :
MSVOA_X
ClientSampleId :

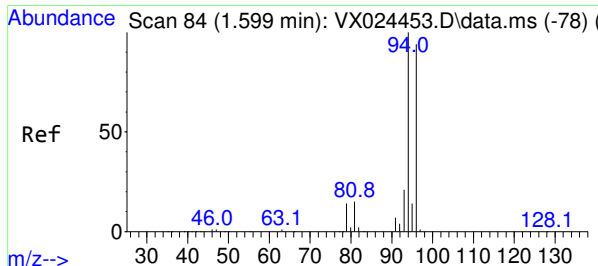
Tgt Ion:168 Resp: 131115
Ion Ratio Lower Upper
168 100
99 61.2 45.8 68.6



#3
Chloromethane
Concen: 0.27 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX024768.D
Acq: 12 Oct 2021 17:11

Tgt Ion: 50 Resp: 332
Ion Ratio Lower Upper
50 100
52 47.7 26.4 39.6#

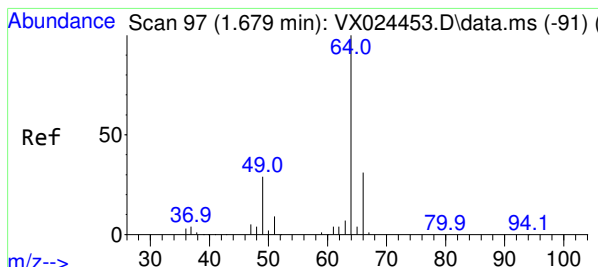
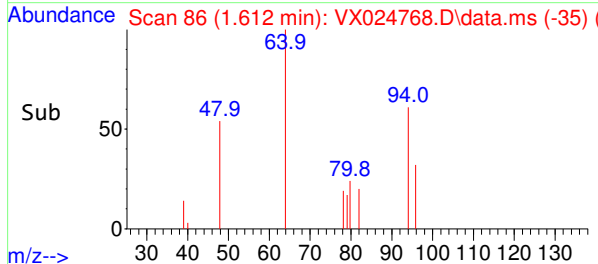
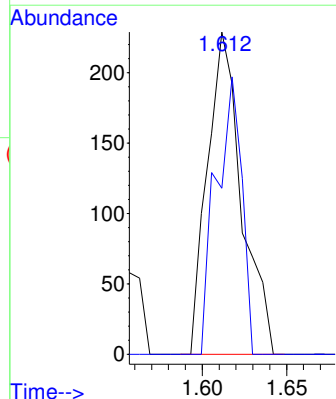
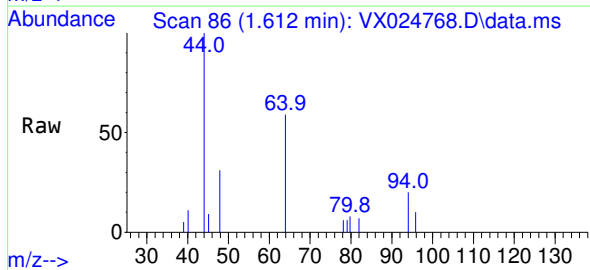




#5
Bromomethane
Concen: 0.37 ug/l
RT: 1.612 min Scan# 86
Delta R.T. 0.013 min
Lab File: VX024768.D
Acq: 12 Oct 2021 17:11

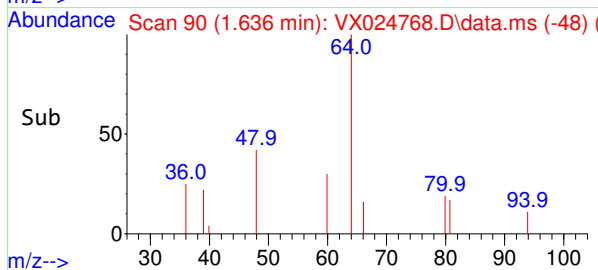
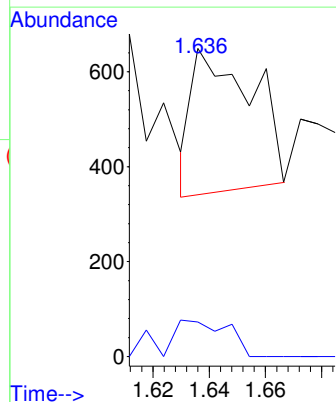
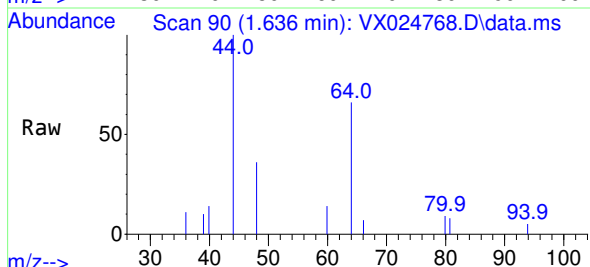
Instrument :
MSVOA_X
ClientSampled :

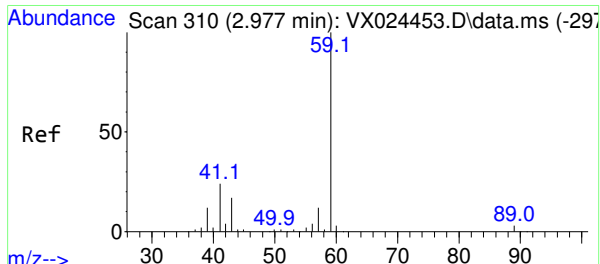
Tgt Ion: 94 Resp: 323
Ion Ratio Lower Upper
94 100
96 51.5 76.4 114.6#



#6
Chloroethane
Concen: 0.77 ug/l
RT: 1.636 min Scan# 90
Delta R.T. -0.043 min
Lab File: VX024768.D
Acq: 12 Oct 2021 17:11

Tgt Ion: 64 Resp: 449
Ion Ratio Lower Upper
64 100
66 25.9 25.4 38.0

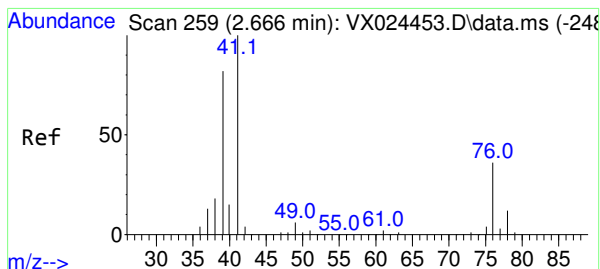
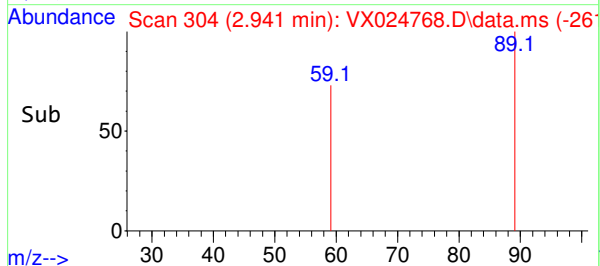
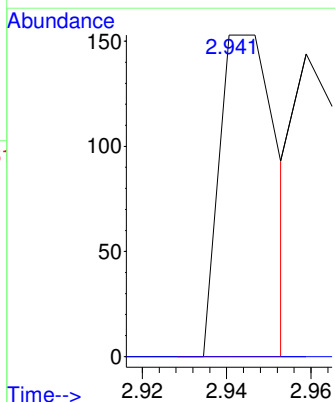
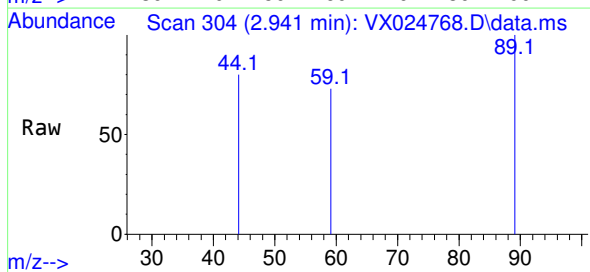




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.941 min Scan# 304
Delta R.T. -0.036 min
Lab File: VX024768.D
Acq: 12 Oct 2021 17:11

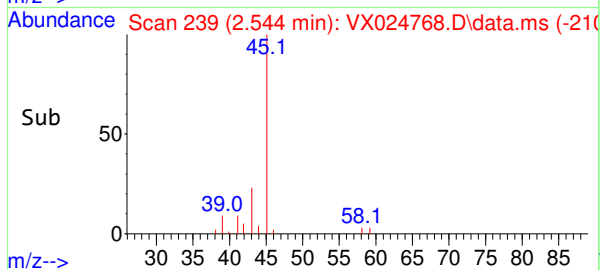
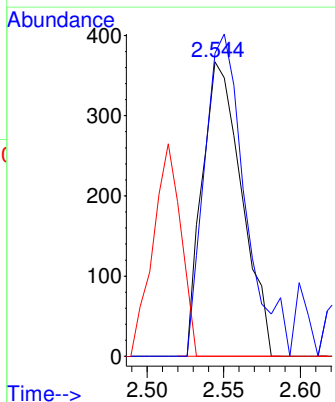
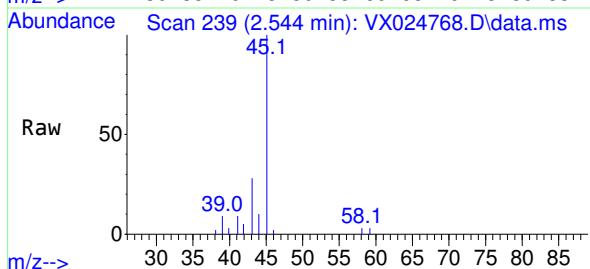
Instrument :
MSVOA_X
ClientSampled :

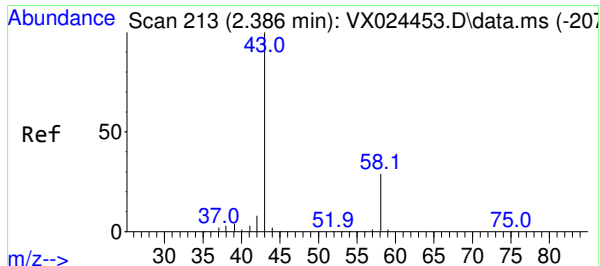
Tgt Ion: 59 Resp: 146
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#14
Allyl chloride
Concen: 0.30 ug/l
RT: 2.544 min Scan# 239
Delta R.T. -0.122 min
Lab File: VX024768.D
Acq: 12 Oct 2021 17:11

Tgt Ion: 41 Resp: 658
Ion Ratio Lower Upper
41 100
39 112.3 51.6 77.4#
76 0.0 30.5 45.7#

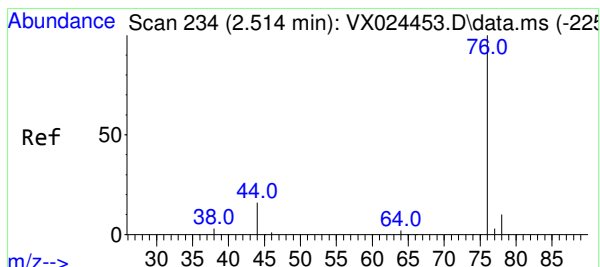
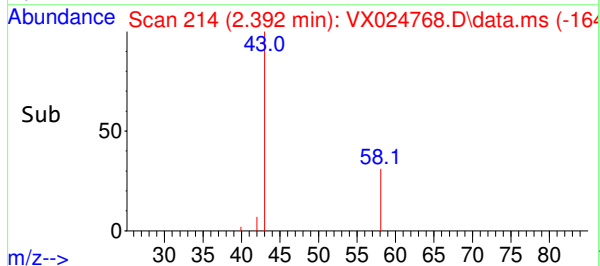
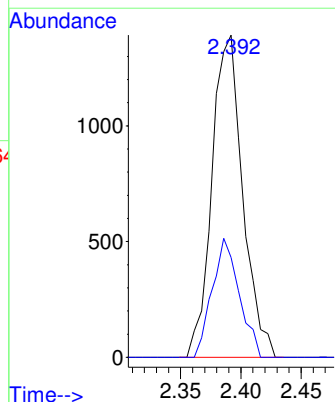
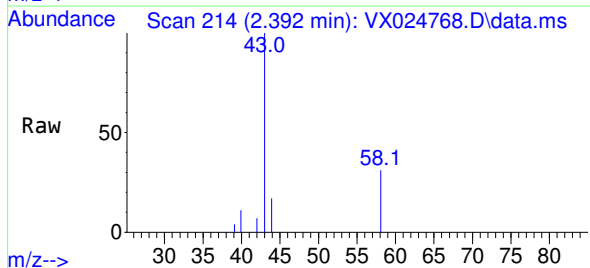




#16
Acetone
Concen: Below Cal
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX024768.D
Acq: 12 Oct 2021 17:11

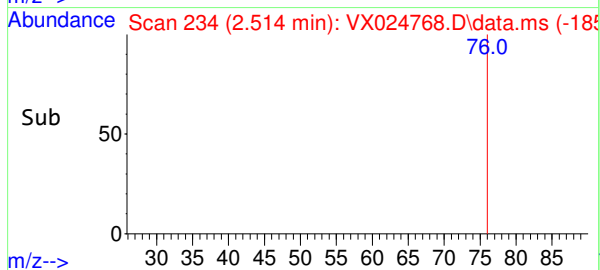
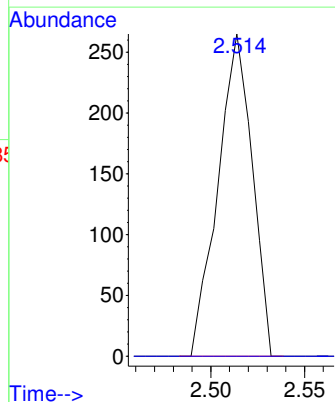
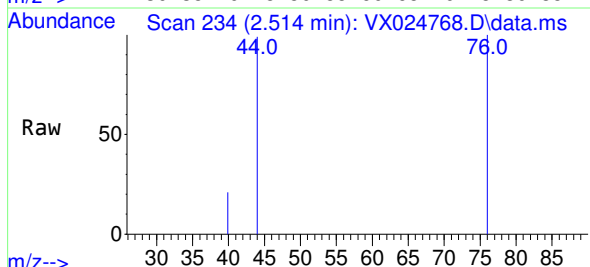
Instrument :
MSVOA_X
ClientSampled :

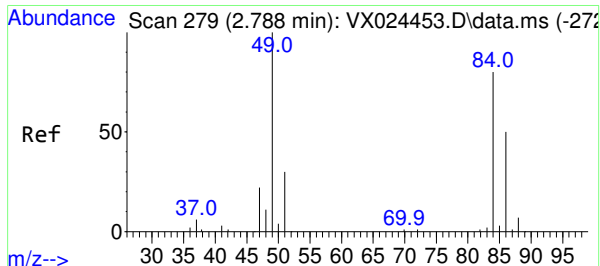
Tgt Ion: 43 Resp: 2466
Ion Ratio Lower Upper
43 100
58 31.0 27.8 41.8



#17
Carbon Disulfide
Concen: 0.34 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX024768.D
Acq: 12 Oct 2021 17:11

Tgt Ion: 76 Resp: 337
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

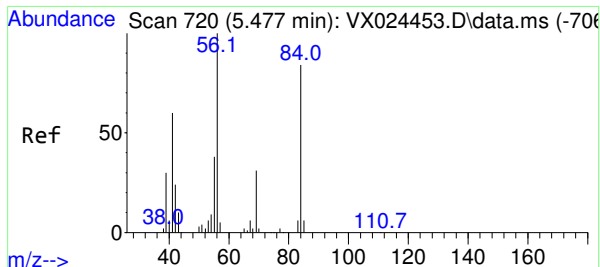
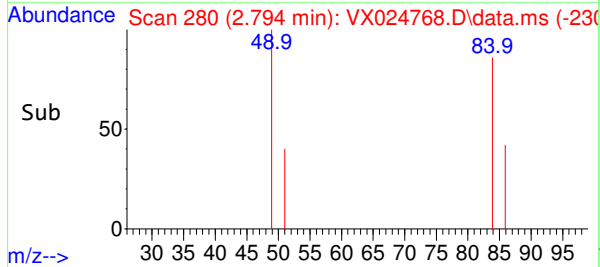
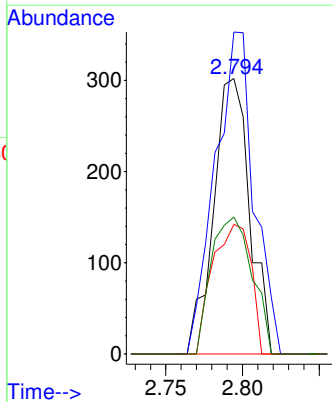
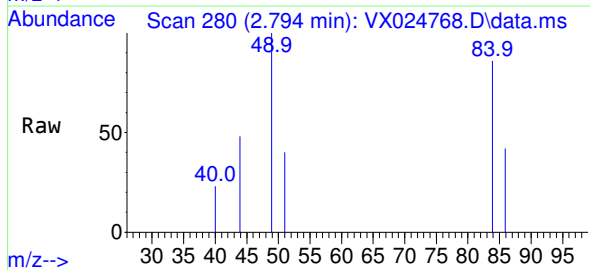




#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX024768.D
Acq: 12 Oct 2021 17:11

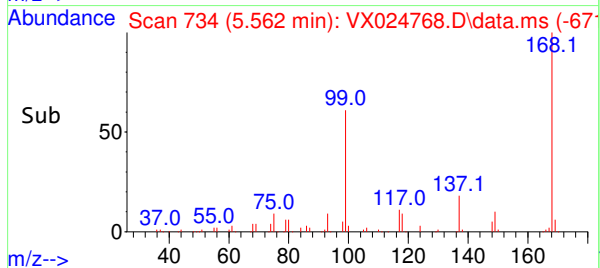
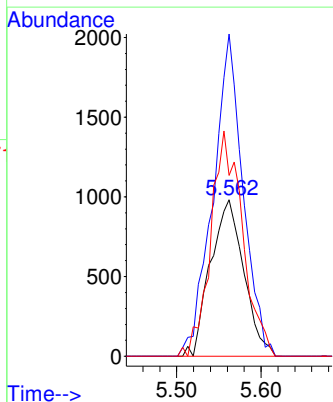
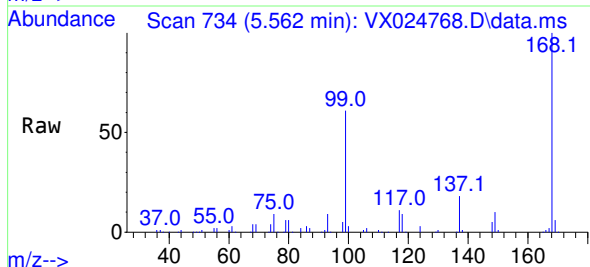
Instrument :
MSVOA_X
ClientSampled :

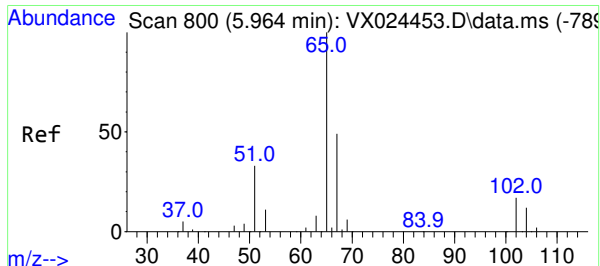
Tgt Ion: 84 Resp: 496
Ion Ratio Lower Upper
84 100
49 116.9 88.6 132.8
51 47.0 27.0 40.6#
86 49.7 50.3 75.5#



#31
Cyclohexane
Concen: 1.22 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX024768.D
Acq: 12 Oct 2021 17:11

Tgt Ion: 56 Resp: 2701
Ion Ratio Lower Upper
56 100
69 206.0 25.3 37.9#
84 115.6 71.4 107.0#

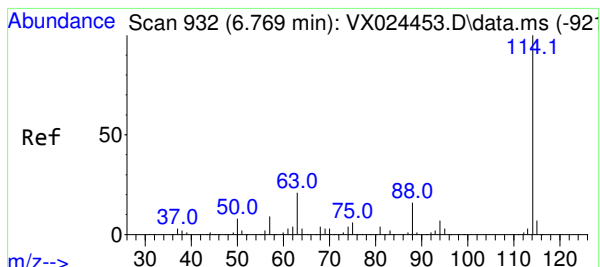
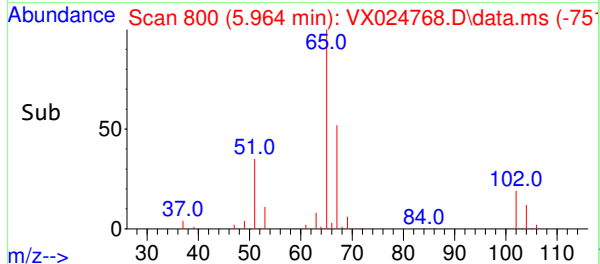
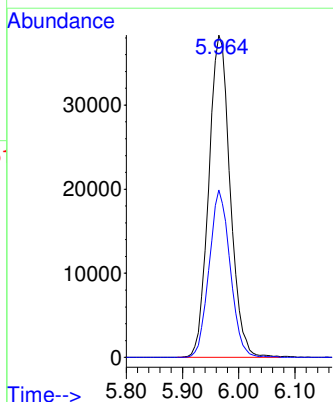
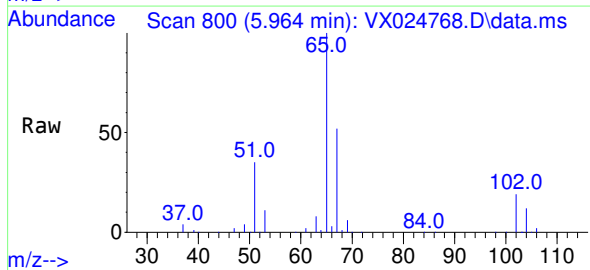




#33
1,2-Dichloroethane-d4
Concen: 54.75 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024768.D
Acq: 12 Oct 2021 17:11

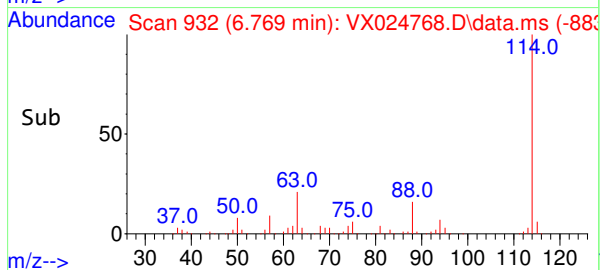
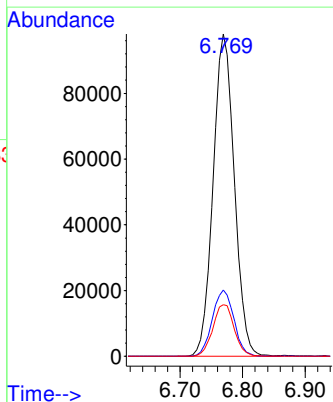
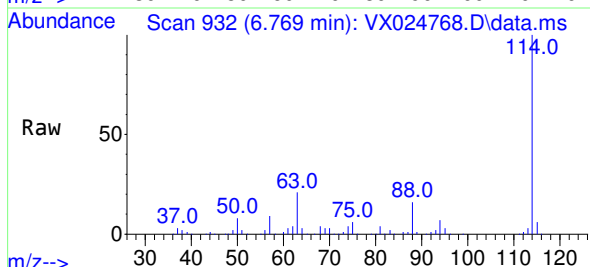
Instrument :
MSVOA_X
ClientSampled :

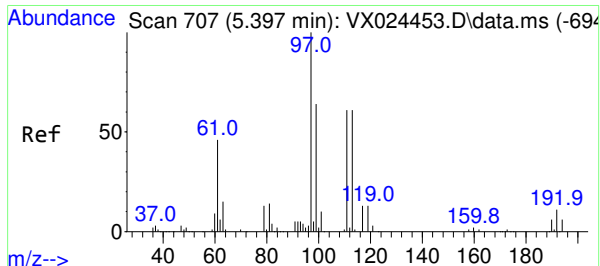
Tgt Ion: 65 Resp: 101179
Ion Ratio Lower Upper
65 100
67 51.0 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024768.D
Acq: 12 Oct 2021 17:11

Tgt Ion: 114 Resp: 230318
Ion Ratio Lower Upper
114 100
63 20.6 0.0 40.8
88 16.0 0.0 32.8

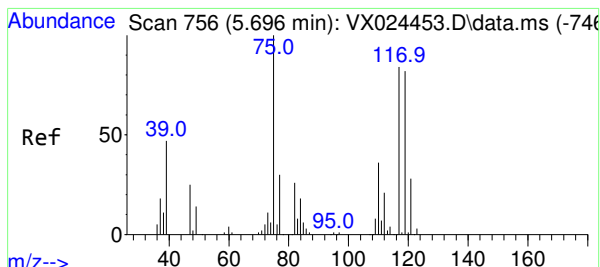
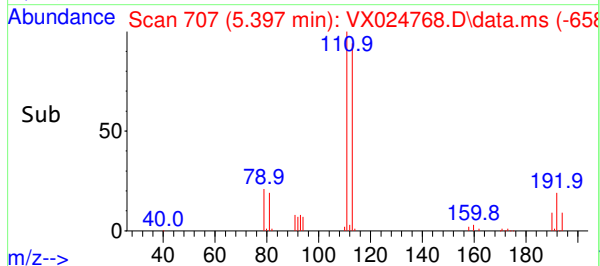
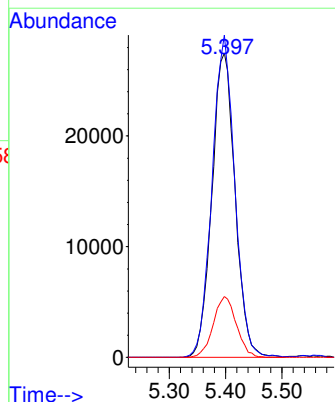
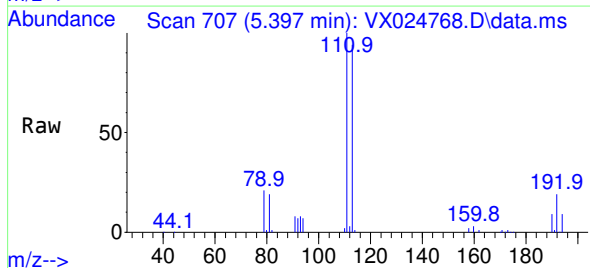




#35
Dibromofluoromethane
Concen: 51.43 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024768.D
Acq: 12 Oct 2021 17:11

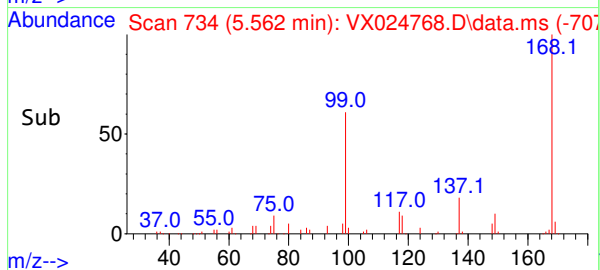
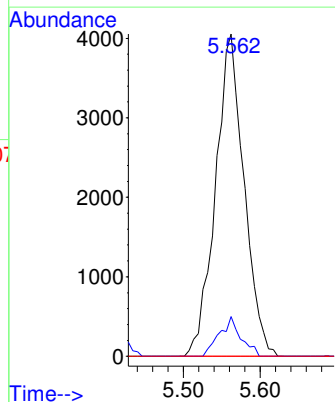
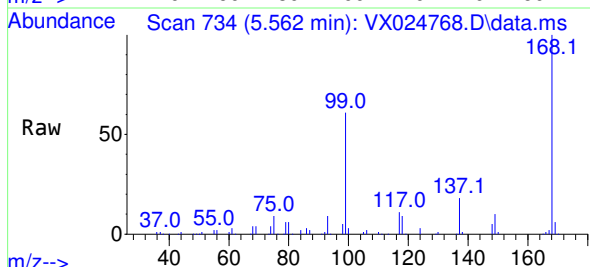
Instrument :
MSVOA_X
ClientSampled :

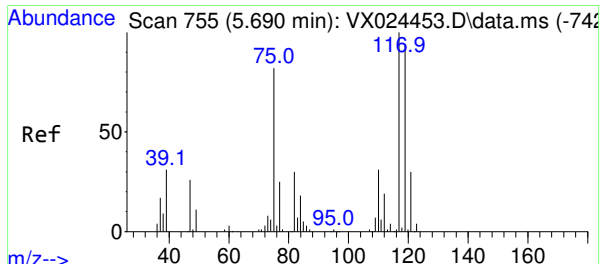
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.9	122.9
192	19.9	16.7	25.1



#36
1,1-Dichloropropene
Concen: 4.75 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.134 min
Lab File: VX024768.D
Acq: 12 Oct 2021 17:11

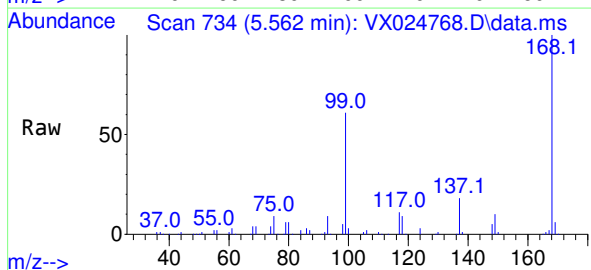
Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.2	18.1	54.4#
77	0.0	25.3	37.9#



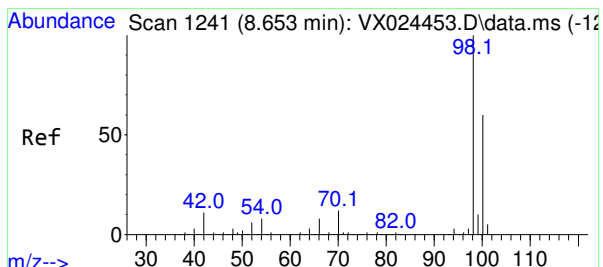
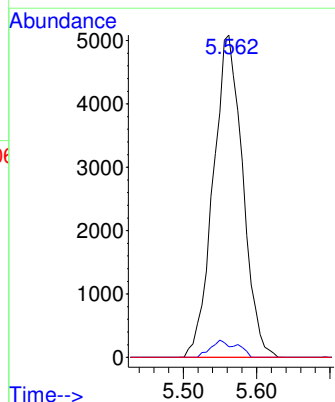
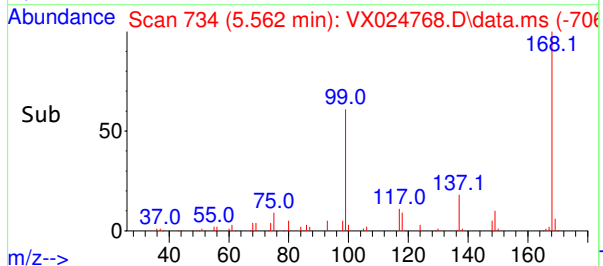


#38
Carbon Tetrachloride
Concen: 5.90 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX024768.D
Acq: 12 Oct 2021 17:11

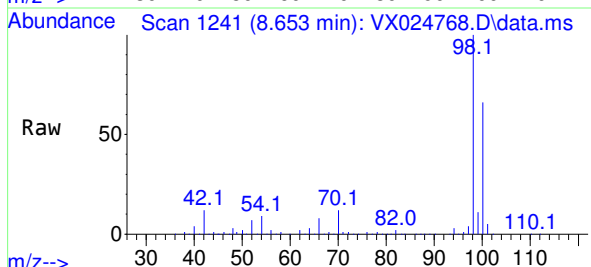
Instrument :
MSVOA_X
ClientSampled :



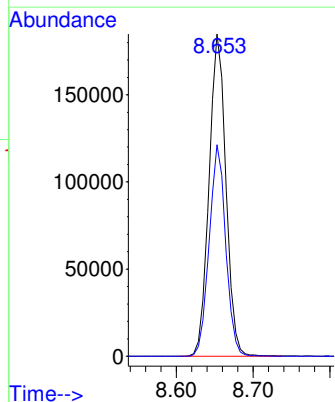
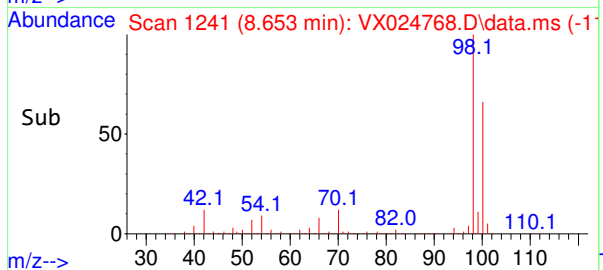
Tgt Ion:117 Resp: 14182
Ion Ratio Lower Upper
117 100
119 3.3 76.2 114.2#
121 0.0 24.8 37.2#

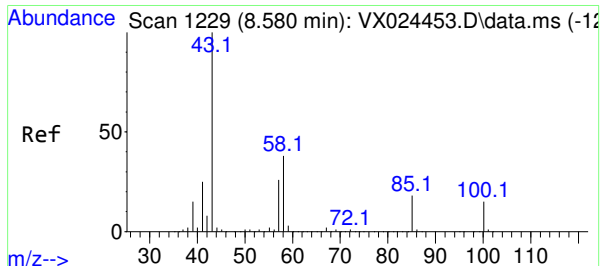


#50
Toluene-d8
Concen: 50.30 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024768.D
Acq: 12 Oct 2021 17:11



Tgt Ion: 98 Resp: 283241
Ion Ratio Lower Upper
98 100
100 64.3 51.9 77.9

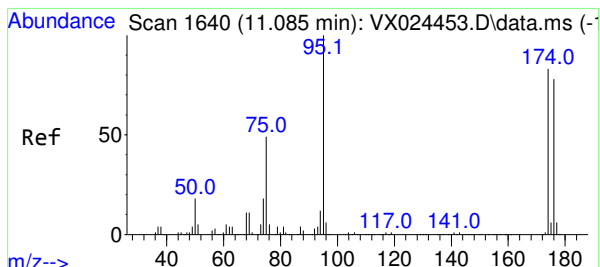
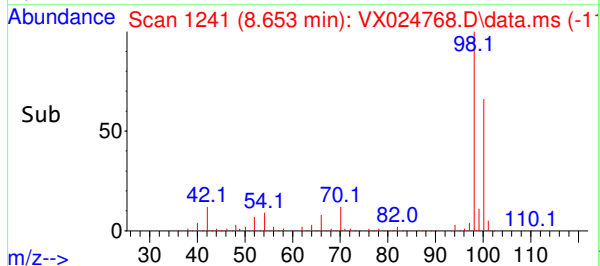
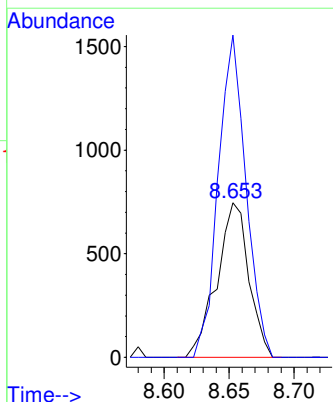
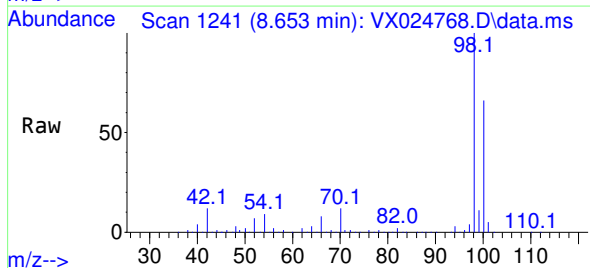




#51
4-Methyl-2-Pentanone
Concen: 0.46 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX024768.D
Acq: 12 Oct 2021 17:11

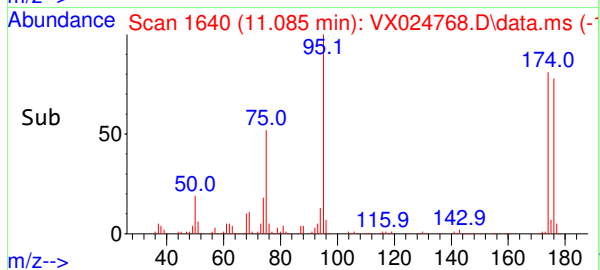
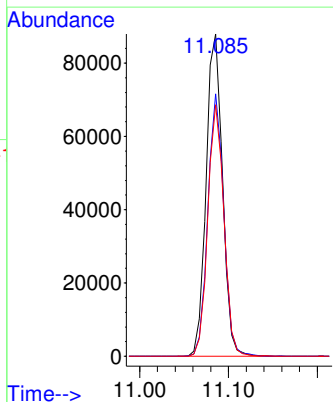
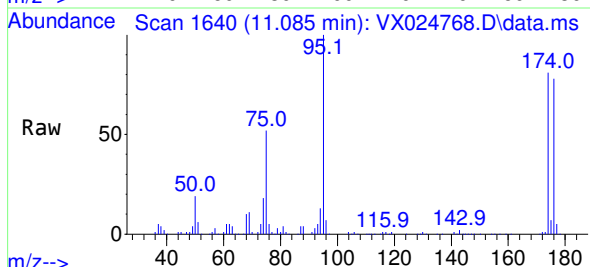
Instrument :
MSVOA_X
ClientSampled :

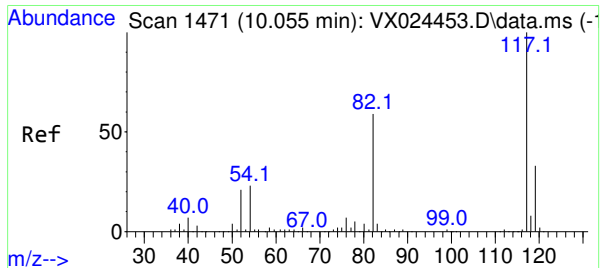
Tgt Ion: 43 Resp: 1277
Ion Ratio Lower Upper
43 100
58 180.4 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 50.81 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024768.D
Acq: 12 Oct 2021 17:11

Tgt Ion: 95 Resp: 112492
Ion Ratio Lower Upper
95 100
174 79.2 0.0 154.6
176 76.7 0.0 155.8

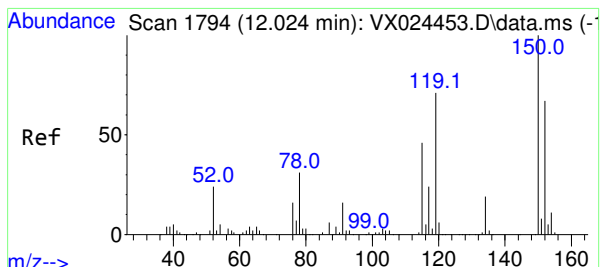
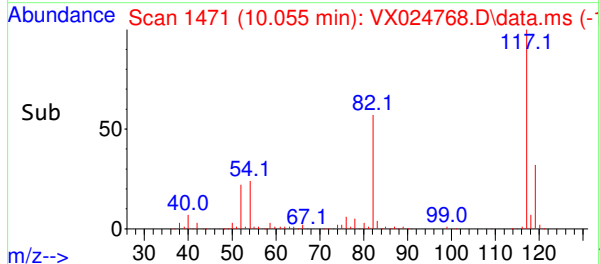
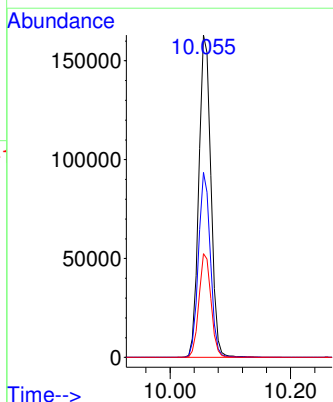
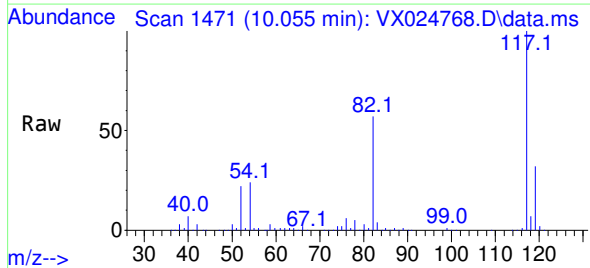




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX024768.D
Acq: 12 Oct 2021 17:11

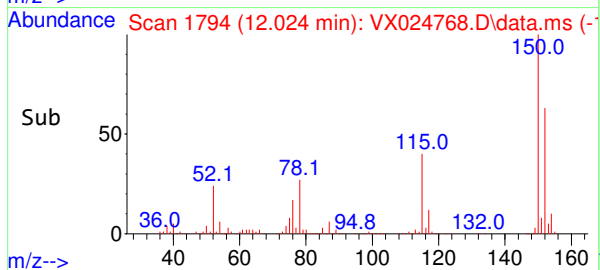
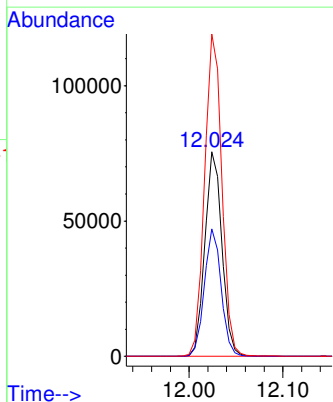
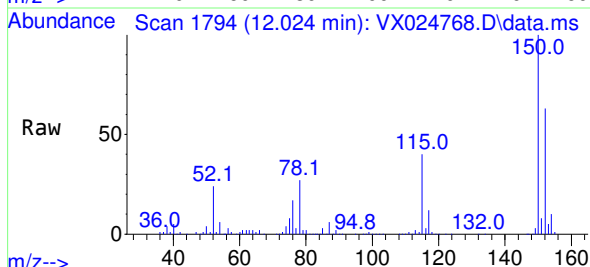
Instrument :
MSVOA_X
ClientSampled :

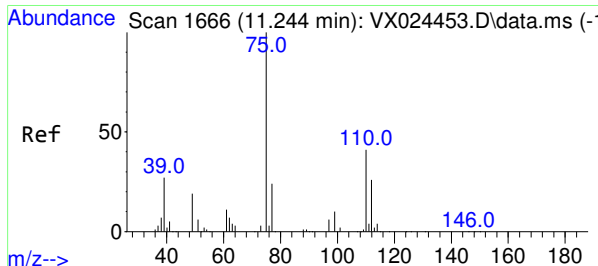
Tgt Ion:	117	Resp:	225962
Ion	Ratio	Lower	Upper
117	100		
82	57.4	47.4	71.2
119	32.2	26.6	39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024768.D
Acq: 12 Oct 2021 17:11

Tgt Ion:	152	Resp:	96070
Ion	Ratio	Lower	Upper
152	100		
115	61.5	41.1	123.3
150	159.3	0.0	349.0

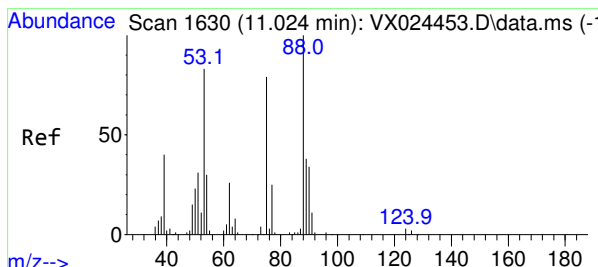
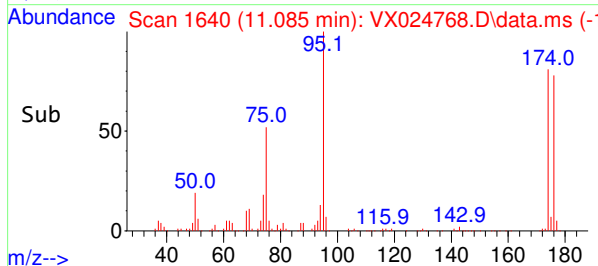
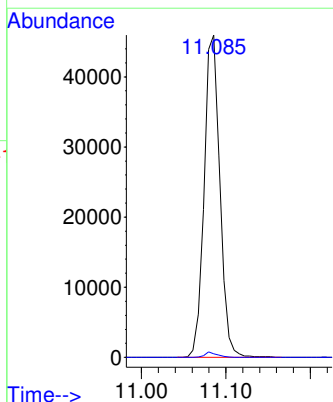
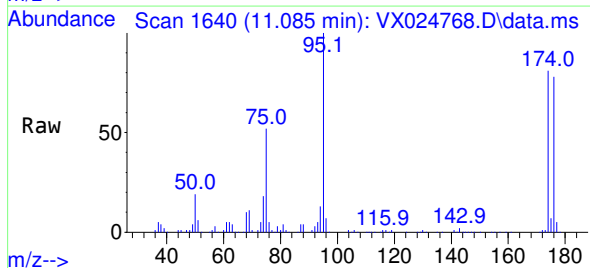




#76
1,2,3-Trichloropropane
Concen: 27.38 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024768.D
Acq: 12 Oct 2021 17:11

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 59725
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.47 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024768.D
Acq: 12 Oct 2021 17:11

Tgt Ion: 75 Resp: 59725
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

