

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101221\
 Data File : VX024765.D
 Acq On : 12 Oct 2021 16:01
 Operator : JC/MD
 Sample : M4169-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 12 16:48:27 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

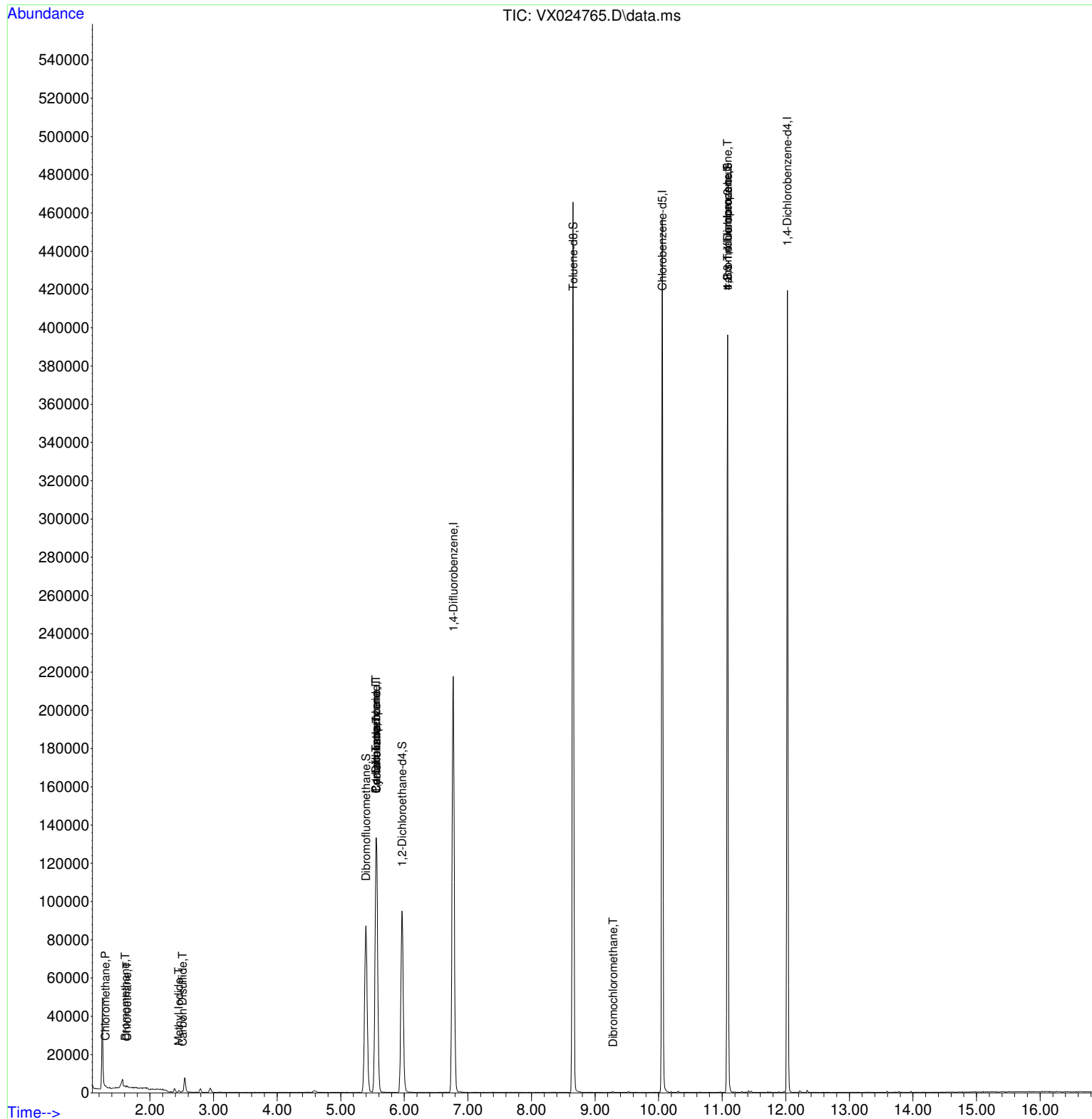
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	125808	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	218968	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	208035	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	83600	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	96138	54.22	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	108.44%	
35) Dibromofluoromethane	5.397	113	74815	51.43	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	102.86%	
50) Toluene-d8	8.653	98	269626	50.36	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	100.72%	
62) 4-Bromofluorobenzene	11.085	95	101573	48.25	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	96.50%	
Target Compounds						
						Qvalue
3) Chloromethane	1.294	50	489	0.41	ug/l	98
5) Bromomethane	1.611	94	522	0.62	ug/l #	53
6) Chloroethane	1.636	64	69	0.34	ug/l #	43
10) Methyl Iodide	2.452	142	1074	0.62	ug/l #	94
11) Tert butyl alcohol	2.952	59	1475	Below	Cal #	73
16) Acetone	2.385	43	1971	Below	Cal #	79
17) Carbon Disulfide	2.513	76	779	0.49	ug/l #	75
20) Methylene Chloride	2.794	84	773	Below	Cal #	90
31) Cyclohexane	5.562	56	2736	1.29	ug/l #	40
36) 1,1-Dichloropropene	5.556	75	9540	4.54	ug/l #	50
38) Carbon Tetrachloride	5.556	117	13268	5.81	ug/l #	17
60) Dibromochloromethane	9.281	129	78	1.23	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	54223	28.56	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	54223	77.61	ug/l #	12

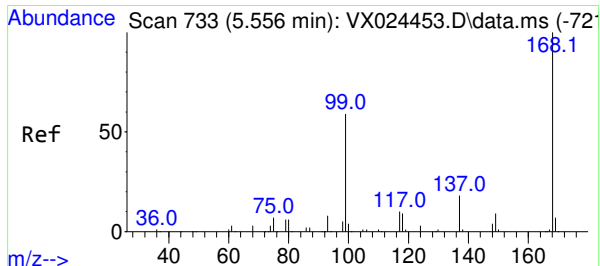
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101221\
Data File : VX024765.D
Acq On : 12 Oct 2021 16:01
Operator : JC/MD
Sample : M4169-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Oct 12 16:48:27 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

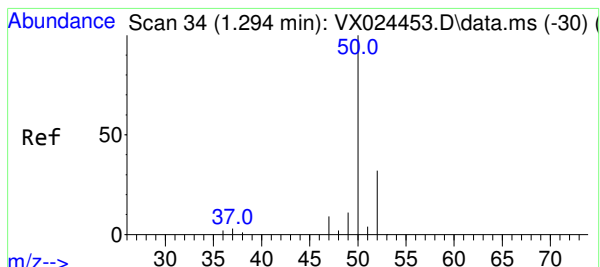
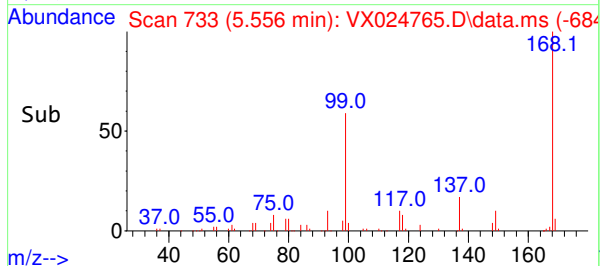
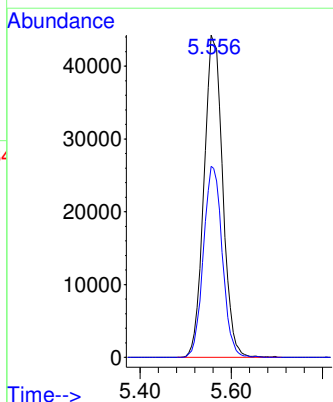
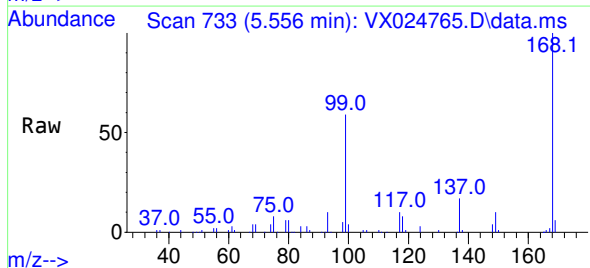




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX024765.D
Acq: 12 Oct 2021 16:01

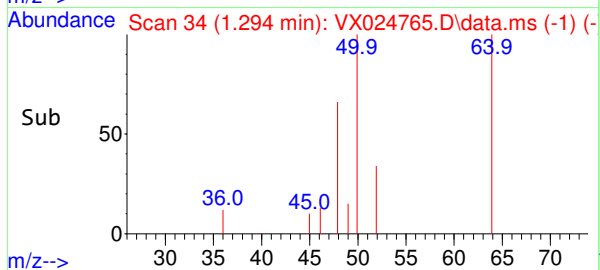
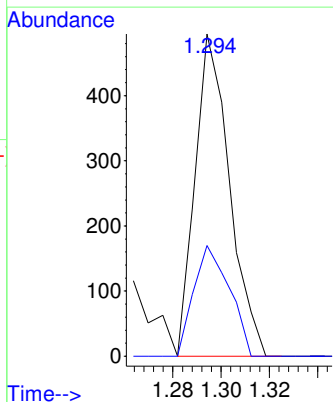
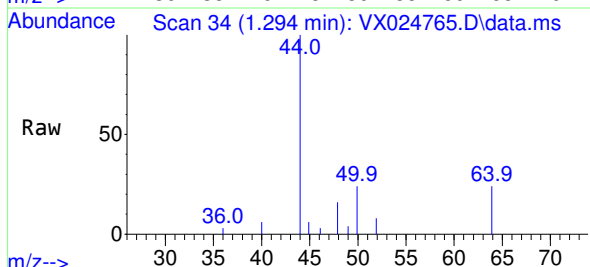
Instrument :
MSVOA_X
ClientSampled :

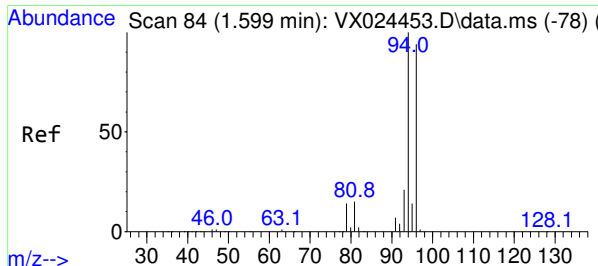
Tgt Ion:168 Resp: 125808
Ion Ratio Lower Upper
168 100
99 59.2 45.8 68.6



#3
Chloromethane
Concen: 0.41 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX024765.D
Acq: 12 Oct 2021 16:01

Tgt Ion: 50 Resp: 489
Ion Ratio Lower Upper
50 100
52 34.3 26.4 39.6

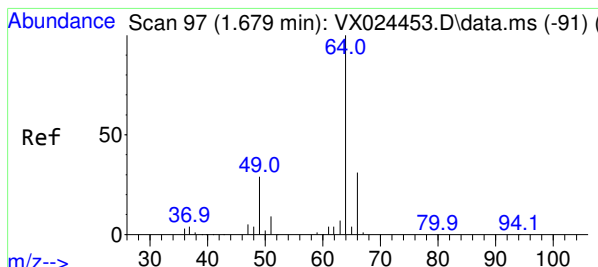
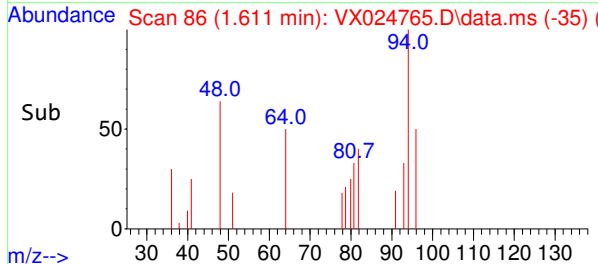
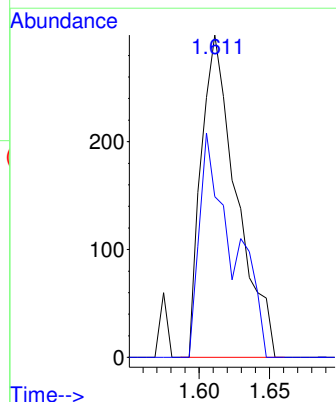
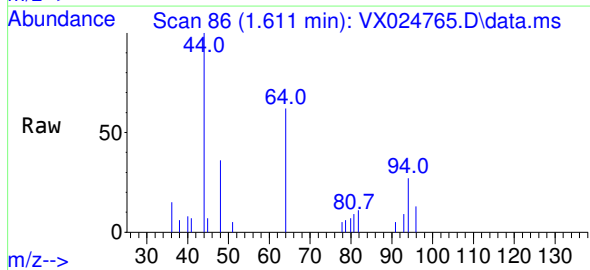




#5
Bromomethane
Concen: 0.62 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX024765.D
Acq: 12 Oct 2021 16:01

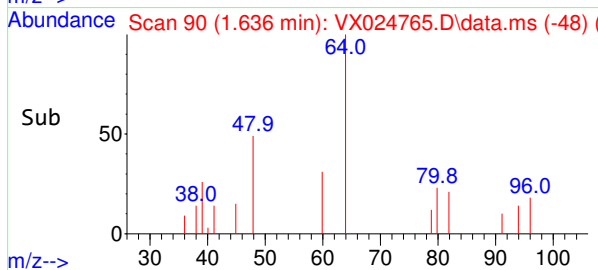
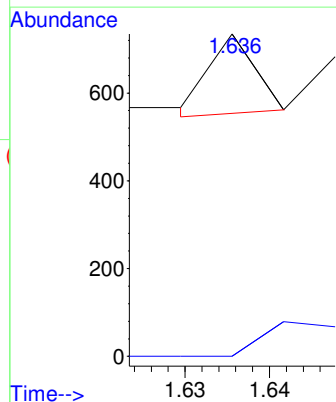
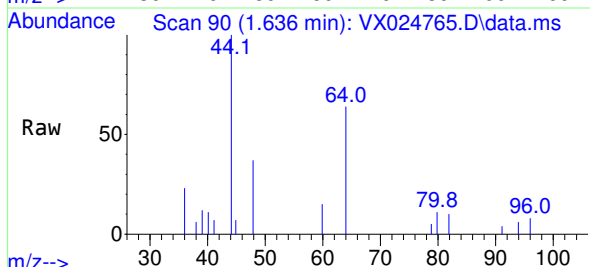
Instrument :
MSVOA_X
ClientSampled :

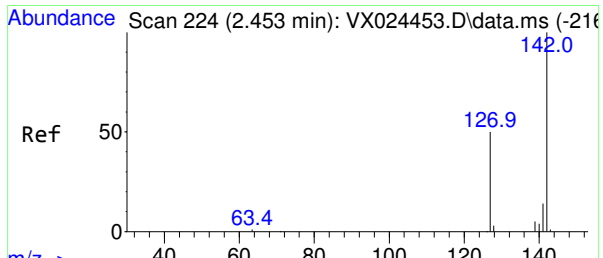
Tgt Ion: 94 Resp: 522
Ion Ratio Lower Upper
94 100
96 49.8 76.4 114.6#



#6
Chloroethane
Concen: 0.34 ug/l
RT: 1.636 min Scan# 90
Delta R.T. -0.043 min
Lab File: VX024765.D
Acq: 12 Oct 2021 16:01

Tgt Ion: 64 Resp: 69
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#

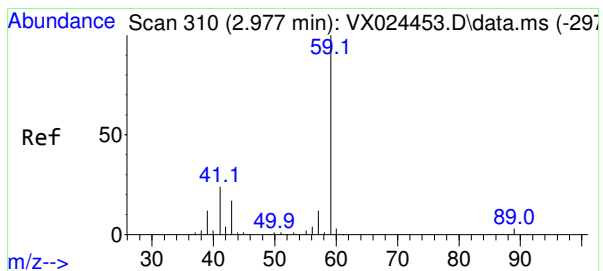
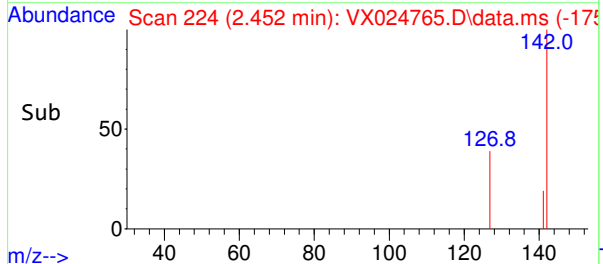
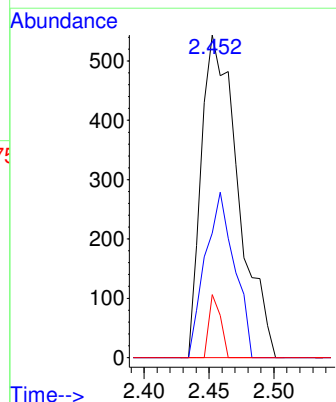
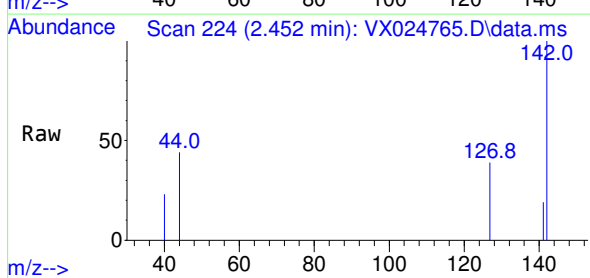




#10
Methyl Iodide
Concen: 0.62 ug/l
RT: 2.452 min Scan# 224
Delta R.T. -0.001 min
Lab File: VX024765.D
Acq: 12 Oct 2021 16:01

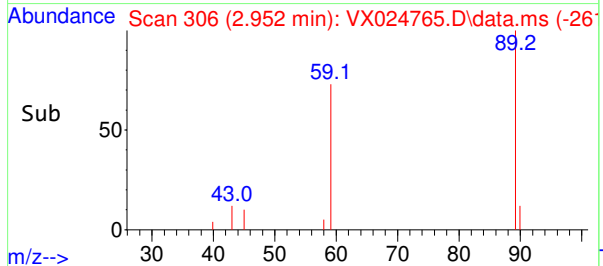
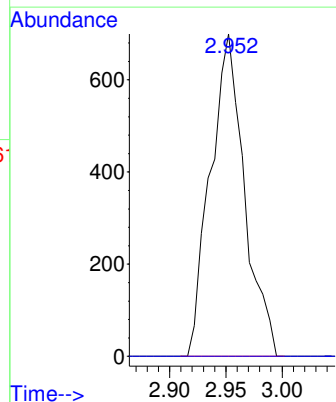
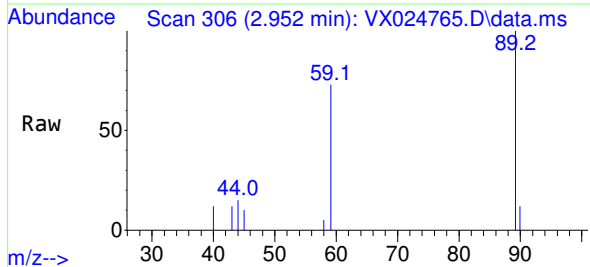
Instrument :
MSVOA_X
ClientSampled :

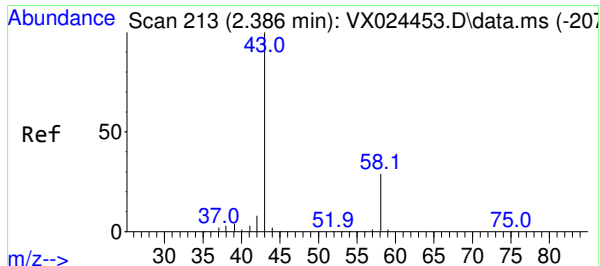
Tgt Ion:	142	Resp:	1074
Ion	Ratio	Lower	Upper
142	100		
127	40.5	33.3	49.9
141	6.1	11.4	17.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.952 min Scan# 306
Delta R.T. -0.025 min
Lab File: VX024765.D
Acq: 12 Oct 2021 16:01

Tgt Ion:	59	Resp:	1475
Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.8#

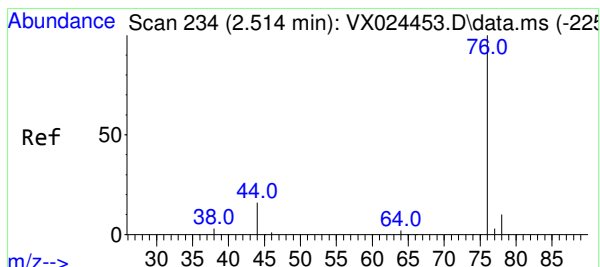
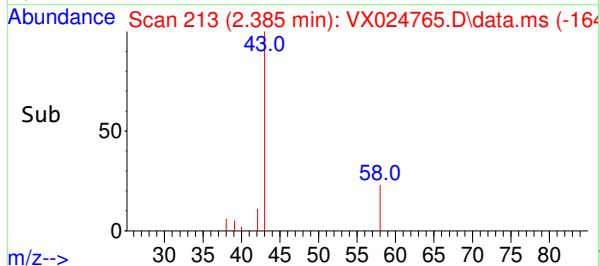
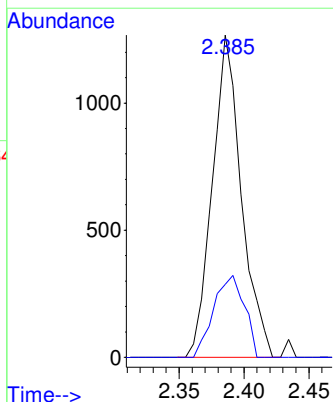
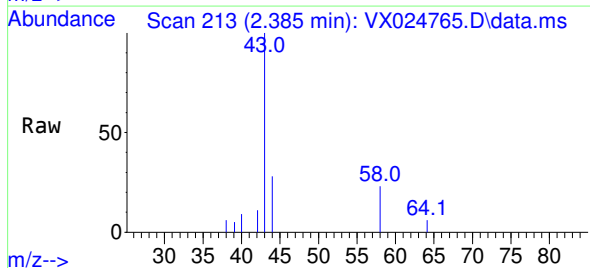




#16
Acetone
Concen: Below Cal
RT: 2.385 min Scan# 213
Delta R.T. -0.001 min
Lab File: VX024765.D
Acq: 12 Oct 2021 16:01

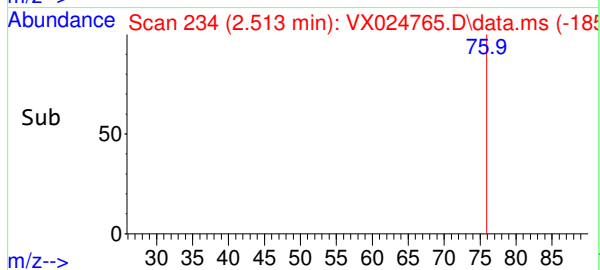
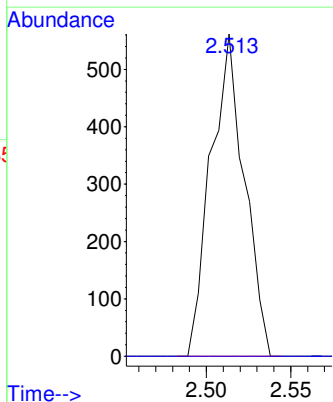
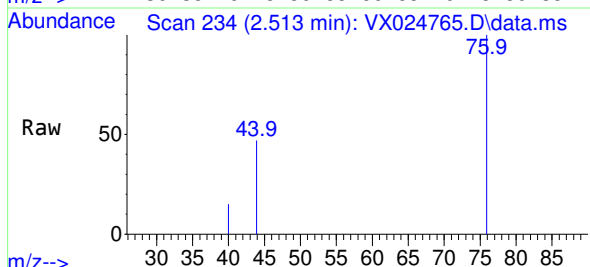
Instrument :
MSVOA_X
ClientSampled :

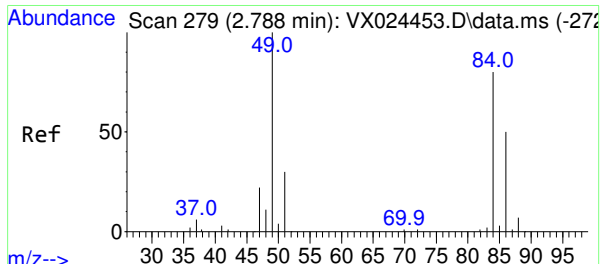
Tgt Ion: 43 Resp: 1971
Ion Ratio Lower Upper
43 100
58 22.6 27.8 41.8#



#17
Carbon Disulfide
Concen: 0.49 ug/l
RT: 2.513 min Scan# 234
Delta R.T. -0.001 min
Lab File: VX024765.D
Acq: 12 Oct 2021 16:01

Tgt Ion: 76 Resp: 779
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

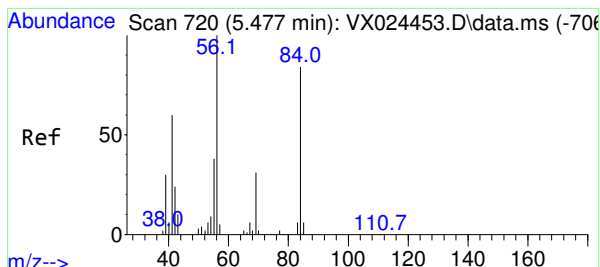
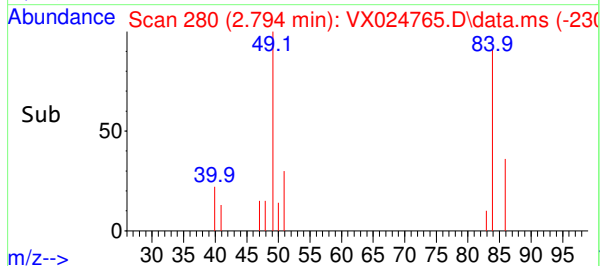
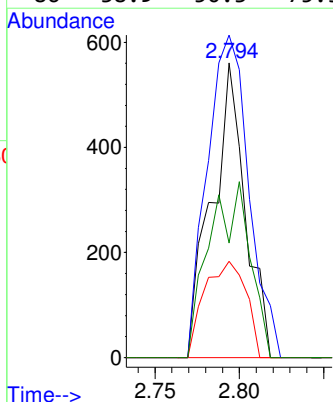
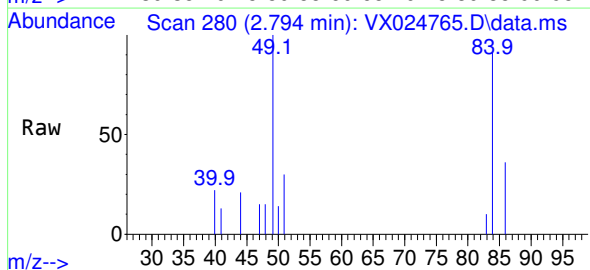




#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX024765.D
Acq: 12 Oct 2021 16:01

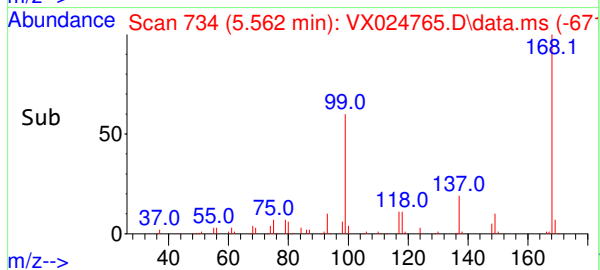
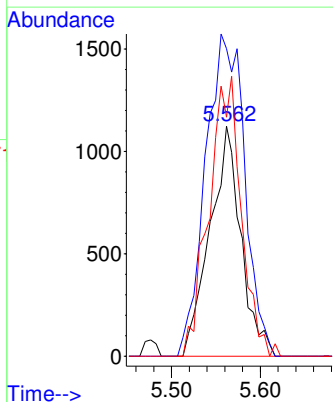
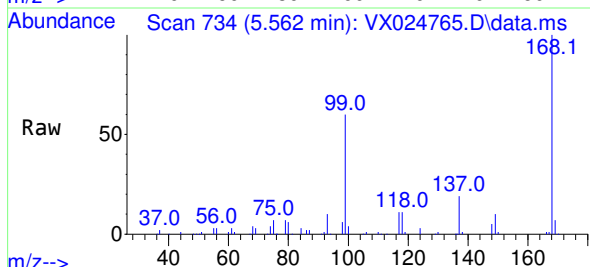
Instrument :
MSVOA_X
ClientSampled :

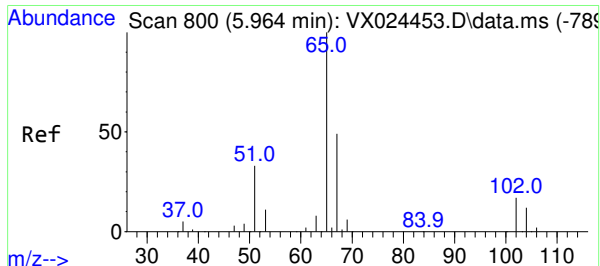
Tgt Ion:	84	Resp:	773
Ion	Ratio	Lower	Upper
84	100		
49	109.4	88.6	132.8
51	32.6	27.0	40.6
86	38.9	50.3	75.5#



#31
Cyclohexane
Concen: 1.29 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX024765.D
Acq: 12 Oct 2021 16:01

Tgt Ion:	56	Resp:	2736
Ion	Ratio	Lower	Upper
56	100		
69	133.6	25.3	37.9#
84	103.8	71.4	107.0

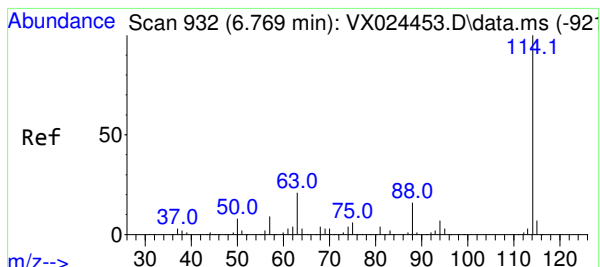
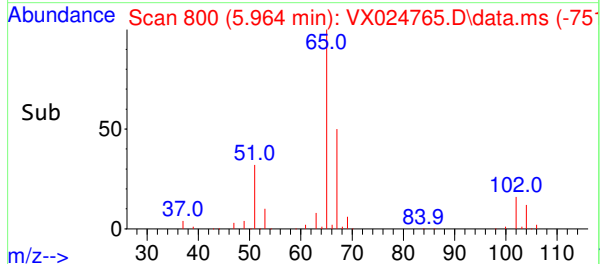
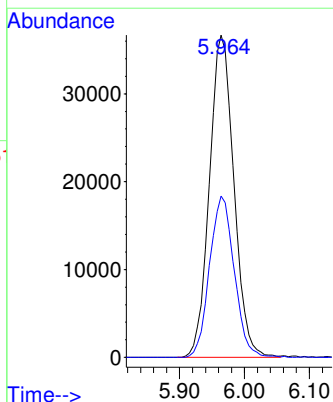
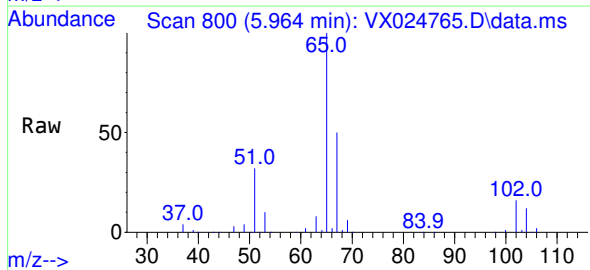




#33
1,2-Dichloroethane-d4
Concen: 54.22 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024765.D
Acq: 12 Oct 2021 16:01

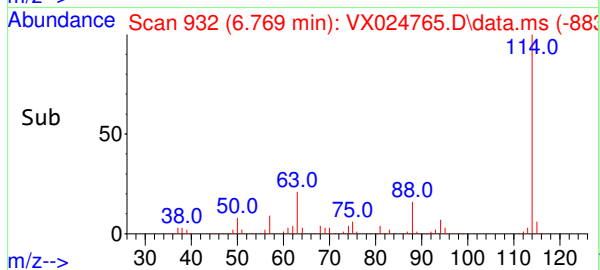
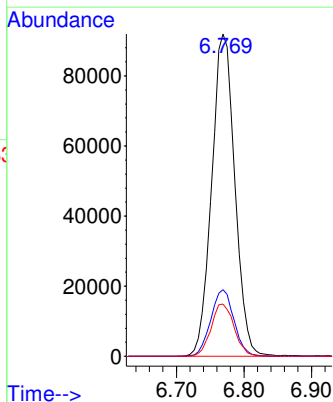
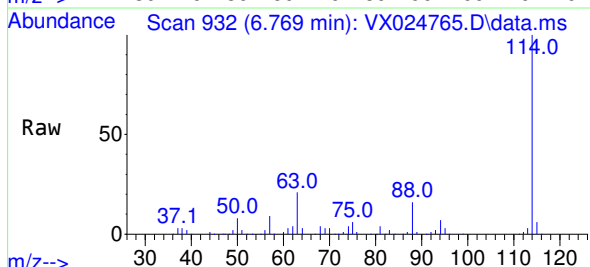
Instrument :
MSVOA_X
ClientSampled :

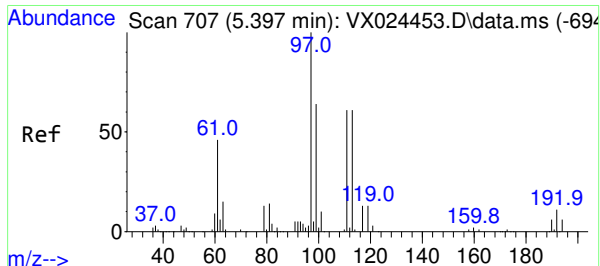
Tgt Ion: 65 Resp: 96138
Ion Ratio Lower Upper
65 100
67 50.5 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX024765.D
Acq: 12 Oct 2021 16:01

Tgt Ion: 114 Resp: 218968
Ion Ratio Lower Upper
114 100
63 20.7 0.0 40.8
88 16.2 0.0 32.8

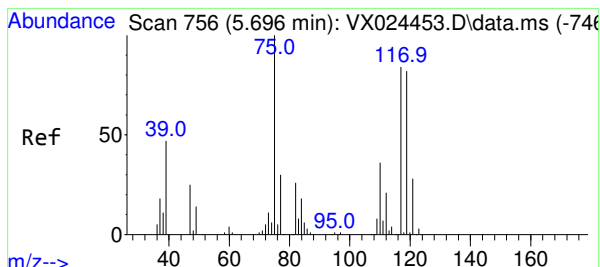
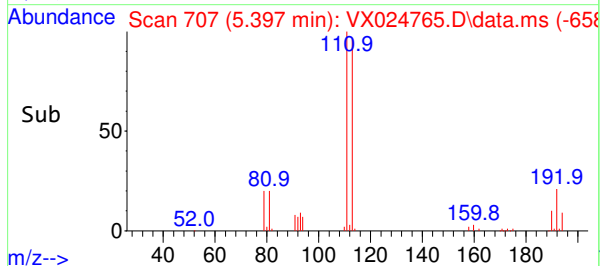
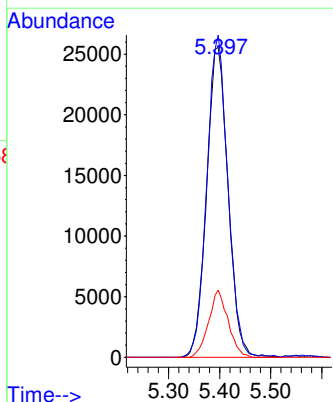
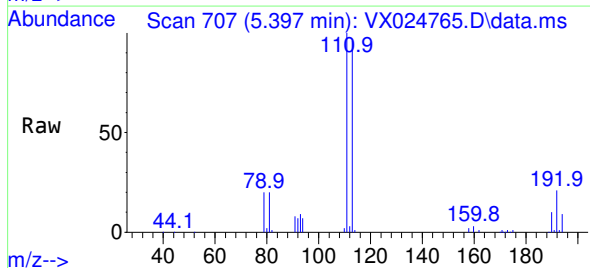




#35
Dibromofluoromethane
Concen: 51.43 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024765.D
Acq: 12 Oct 2021 16:01

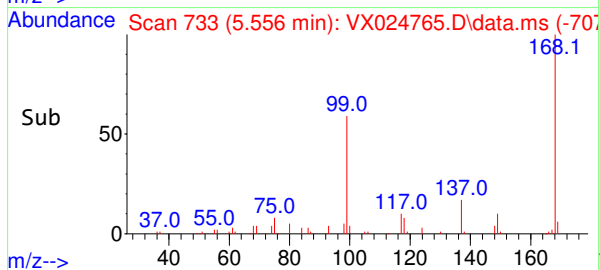
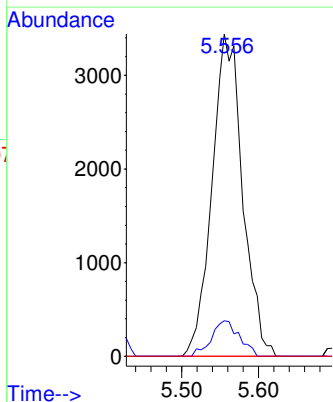
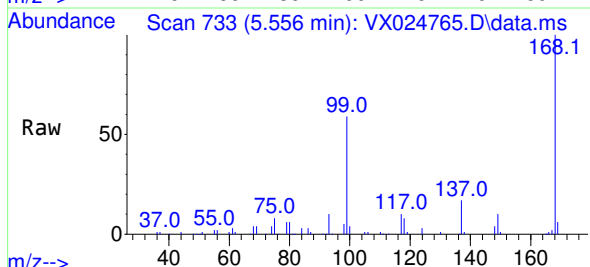
Instrument :
MSVOA_X
ClientSampled :

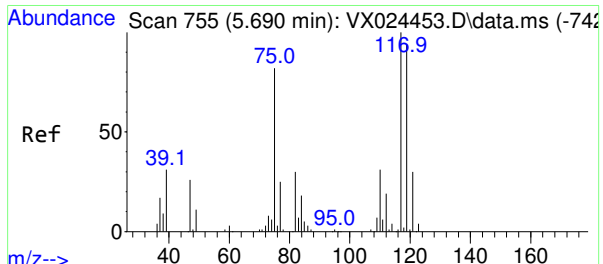
Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.7	81.9	122.9
192	19.6	16.7	25.1



#36
1,1-Dichloropropene
Concen: 4.54 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX024765.D
Acq: 12 Oct 2021 16:01

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.1	18.1	54.4#
77	0.0	25.3	37.9#

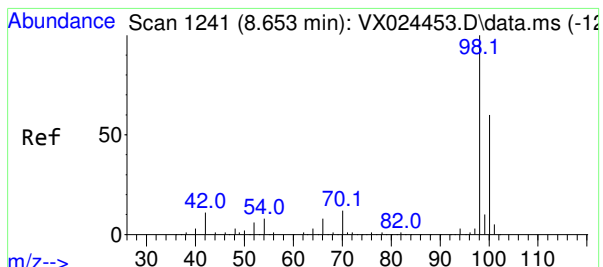
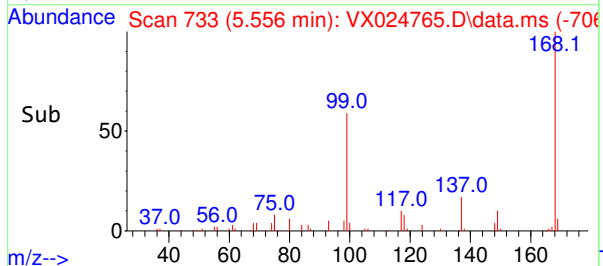
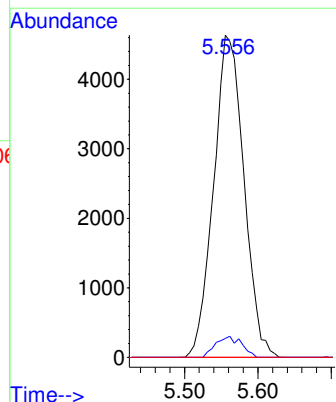
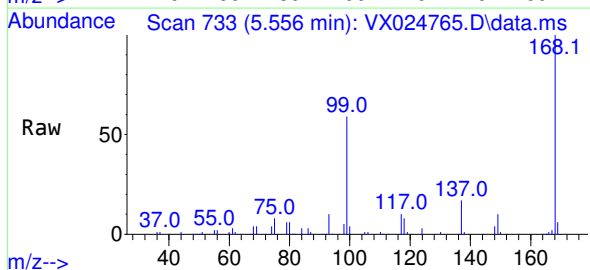




#38
Carbon Tetrachloride
Concen: 5.81 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX024765.D
Acq: 12 Oct 2021 16:01

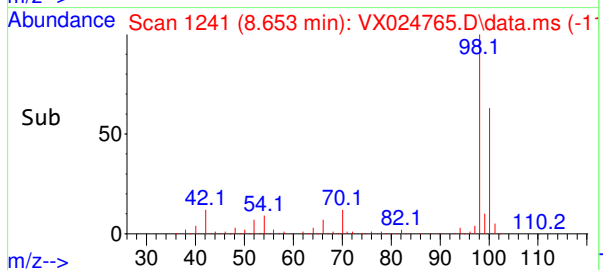
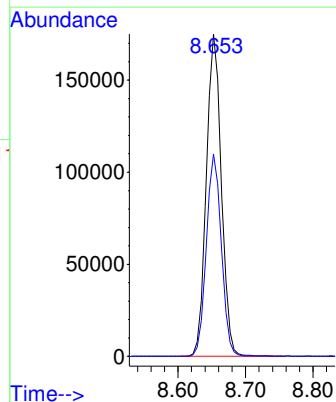
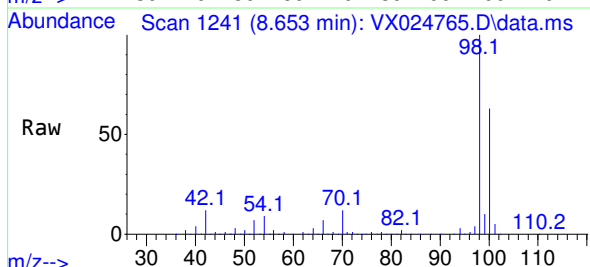
Instrument :
MSVOA_X
ClientSampled :

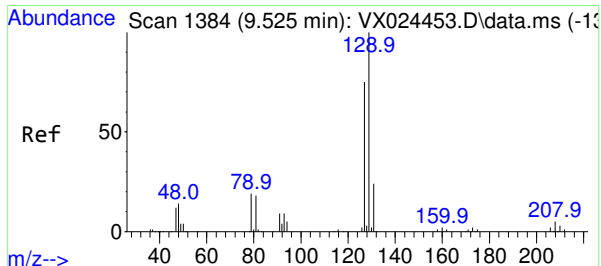
Tgt Ion:117 Resp: 13268
Ion Ratio Lower Upper
117 100
119 5.9 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 50.36 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024765.D
Acq: 12 Oct 2021 16:01

Tgt Ion: 98 Resp: 269626
Ion Ratio Lower Upper
98 100
100 62.6 51.9 77.9

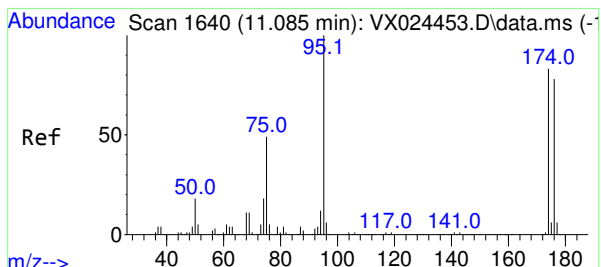
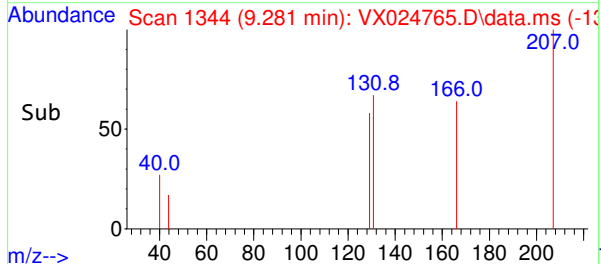
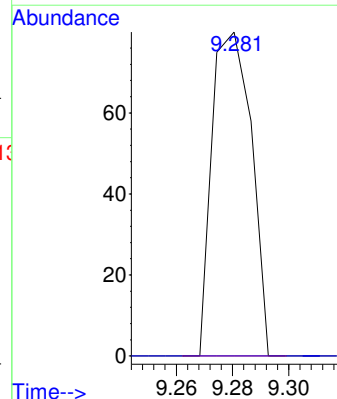
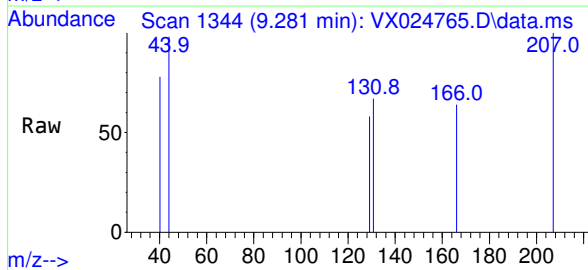




#60
Dibromochloromethane
Concen: 1.23 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.244 min
Lab File: VX024765.D
Acq: 12 Oct 2021 16:01

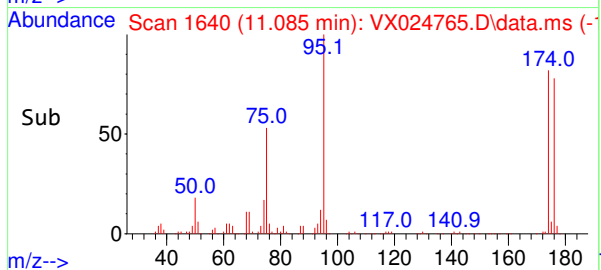
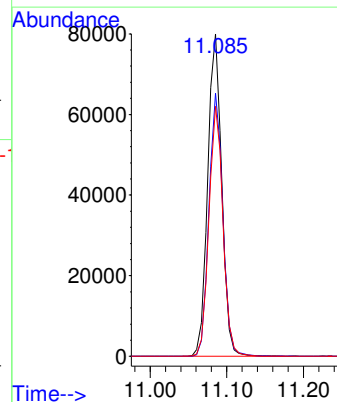
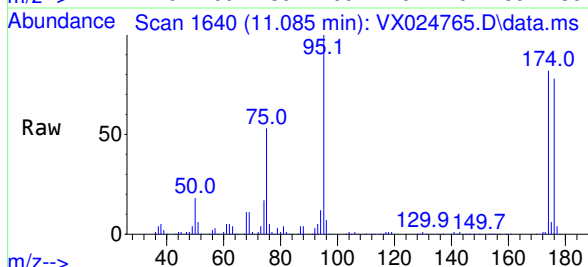
Instrument :
MSVOA_X
ClientSampled :

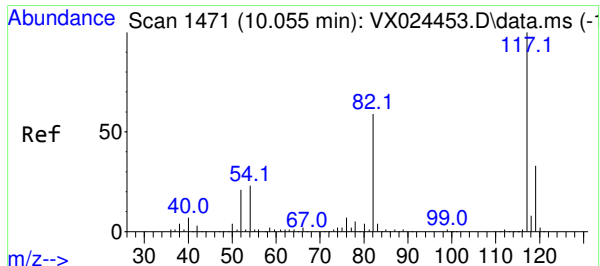
Tgt Ion:129 Resp: 78
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 48.25 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024765.D
Acq: 12 Oct 2021 16:01

Tgt Ion: 95 Resp: 101573
Ion Ratio Lower Upper
95 100
174 80.7 0.0 154.6
176 77.5 0.0 155.8

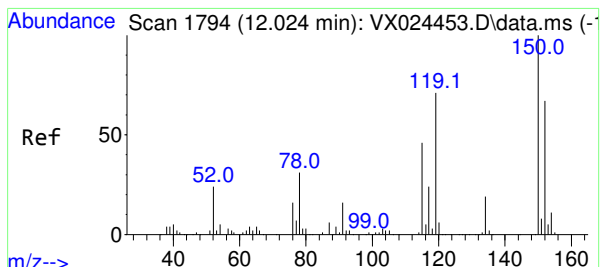
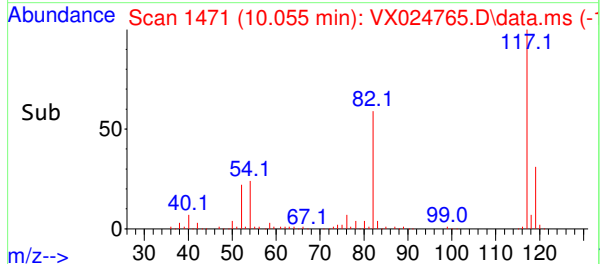
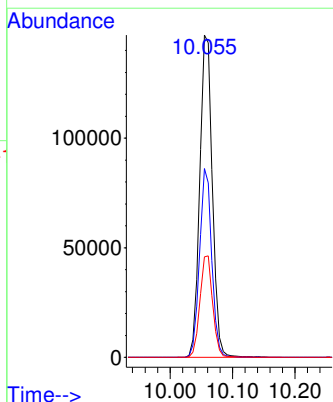
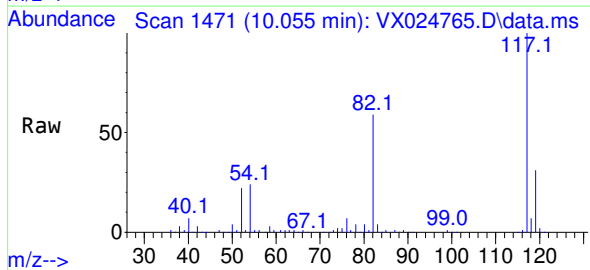




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX024765.D
Acq: 12 Oct 2021 16:01

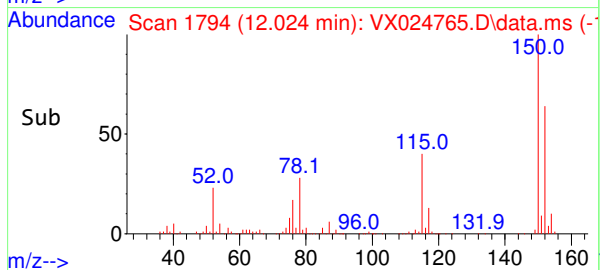
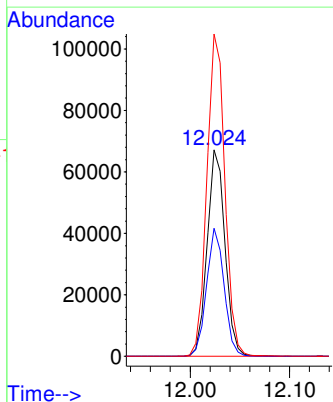
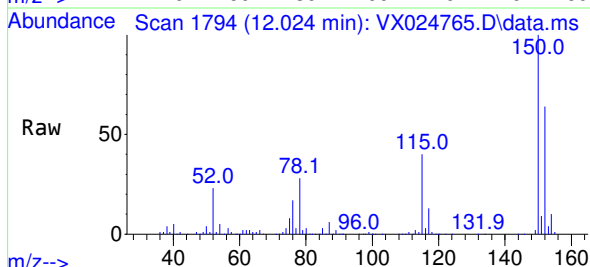
Instrument :
MSVOA_X
ClientSampled :

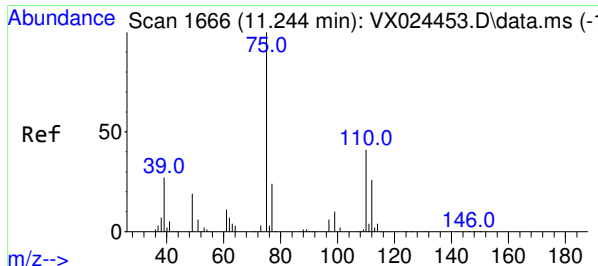
Tgt Ion:	117	Resp:	208035
Ion	Ratio	Lower	Upper
117	100		
82	58.5	47.4	71.2
119	31.2	26.6	39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX024765.D
Acq: 12 Oct 2021 16:01

Tgt Ion:	152	Resp:	83600
Ion	Ratio	Lower	Upper
152	100		
115	61.3	41.1	123.3
150	157.8	0.0	349.0

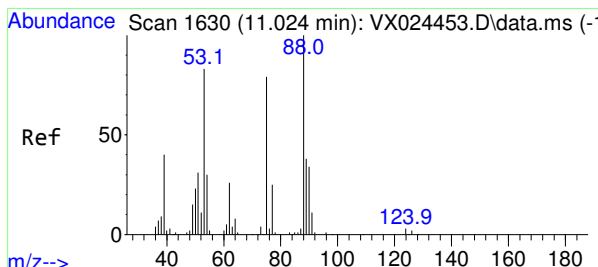
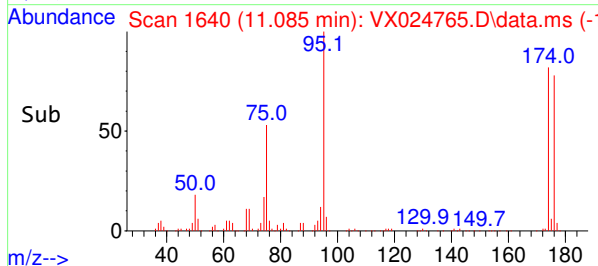
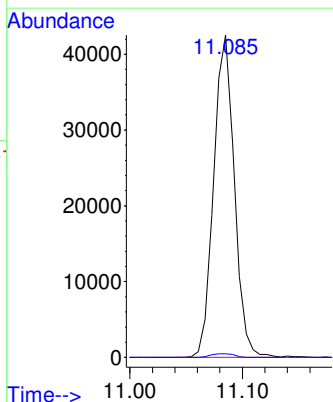
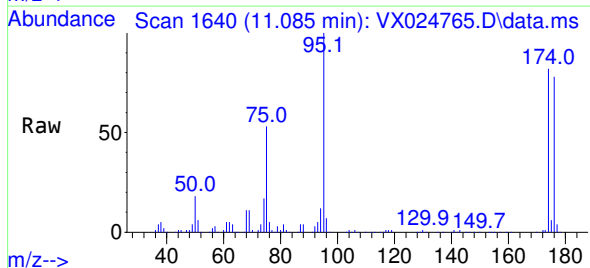




#76
1,2,3-Trichloropropane
Concen: 28.56 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024765.D
Acq: 12 Oct 2021 16:01

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 54223
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.61 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024765.D
Acq: 12 Oct 2021 16:01

Tgt Ion: 75 Resp: 54223
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

