

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081621\
 Data File : VX023732.D
 Acq On : 16 Aug 2021 10:27
 Operator : JC/MD
 Sample : VX0816WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 17 06:14:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:05:38 2021
 Response via : Initial Calibration

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

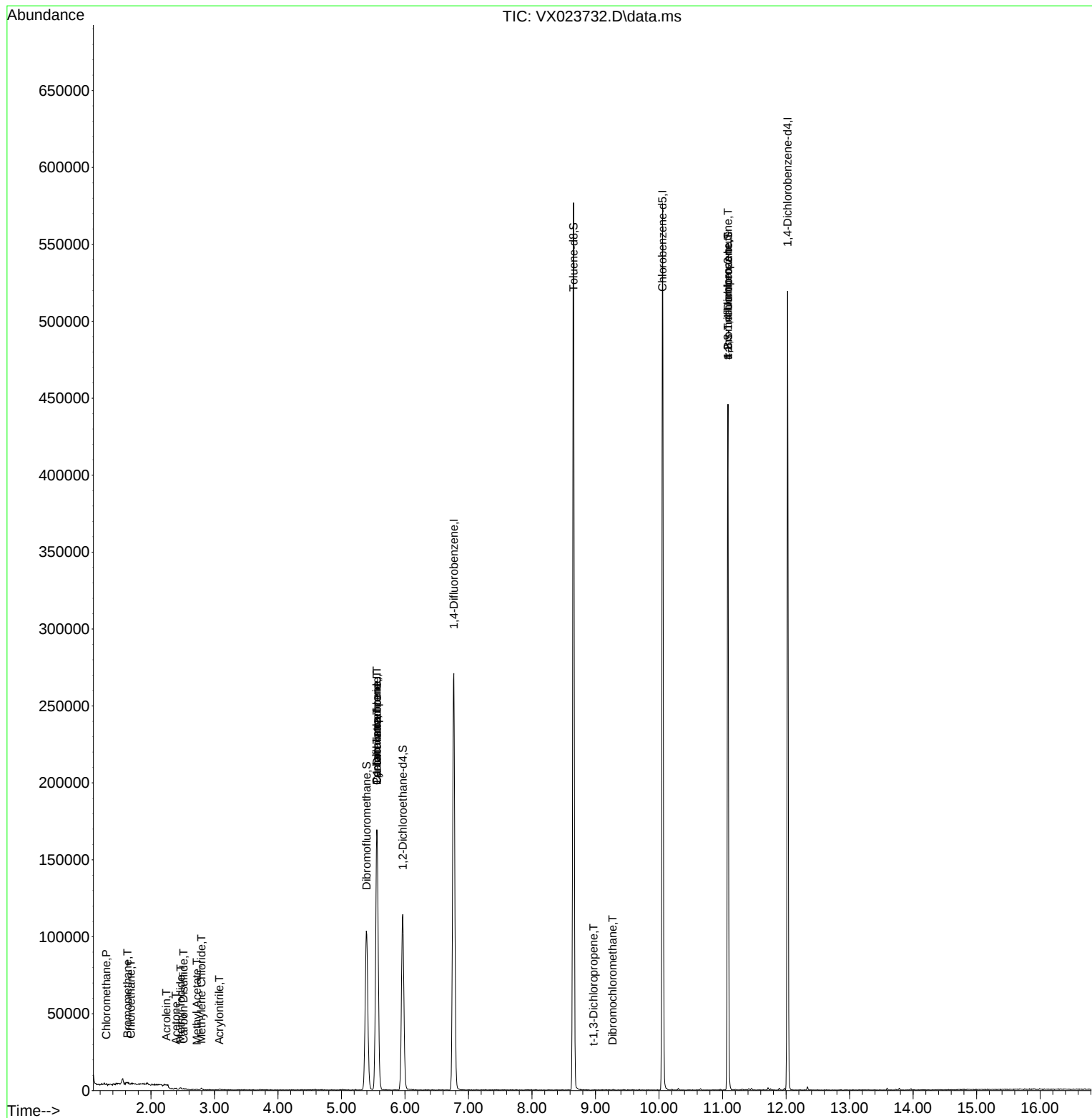
Internal Standards						
1) Pentafluorobenzene	5.556	168	159481	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	273783	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	249773	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99208	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	111991	56.294	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	112.580%	
35) Dibromofluoromethane	5.397	113	90010	52.582	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	105.160%	
50) Toluene-d8	8.653	98	332706	52.901	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	105.800%	
62) 4-Bromofluorobenzene	11.085	95	111828	52.290	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	104.580%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	613	0.359	ug/l	100
5) Bromomethane	1.630	94	960	0.935	ug/l #	53
6) Chloroethane	1.685	64	260	0.245	ug/l #	43
10) Methyl Iodide	2.465	142	1202	0.608	ug/l #	91
13) Acrolein	2.239	56	52	1.588	ug/l #	1
15) Acrylonitrile	3.075	53	288	0.281	ug/l #	79
16) Acetone	2.392	43	937	0.960	ug/l	90
17) Carbon Disulfide	2.514	76	799	0.207	ug/l #	75
18) Methyl Acetate	2.721	43	523	0.225	ug/l #	47
20) Methylene Chloride	2.794	84	461	0.243	ug/l	88
31) Cyclohexane	5.556	56	3618	1.228	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	12517	5.054	ug/l #	49
38) Carbon Tetrachloride	5.556	117	16574	6.580	ug/l #	19
53) t-1,3-Dichloropropene	8.970	75	57	1.835	ug/l #	44
60) Dibromochloromethane	9.269	129	72	2.017	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	59676	27.335	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	59676	73.500	ug/l #	12

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081621\
Data File : VX023732.D
Acq On : 16 Aug 2021 10:27
Operator : JC/MD
Sample : VX0816WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Aug 17 06:14:43 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 23 06:05:38 2021
Response via : Initial Calibration

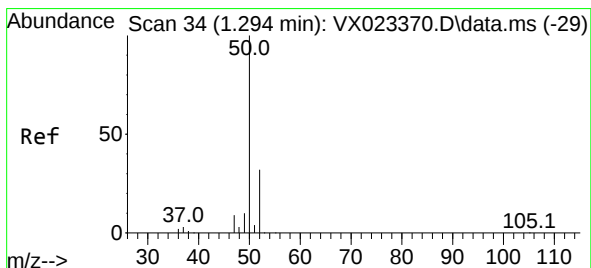
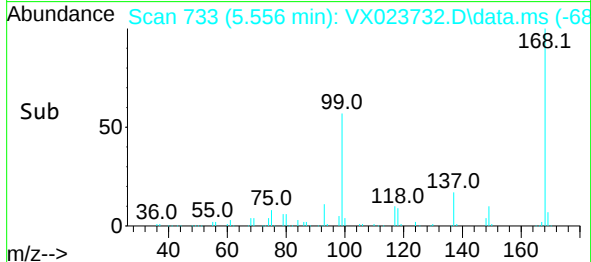
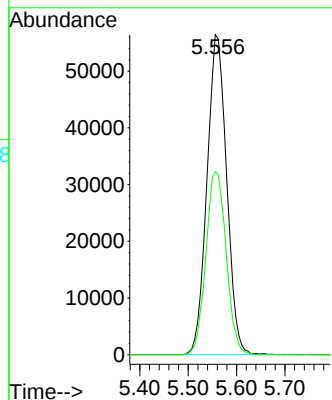
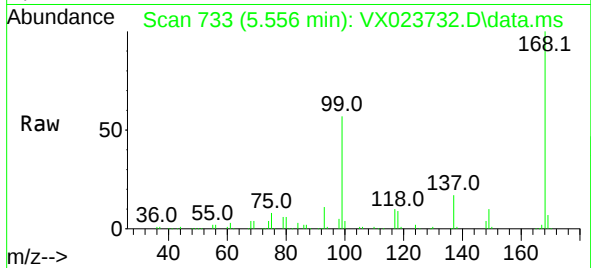




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.006 min
Lab File: VX023732.D
Acq: 16 Aug 2021 10:27

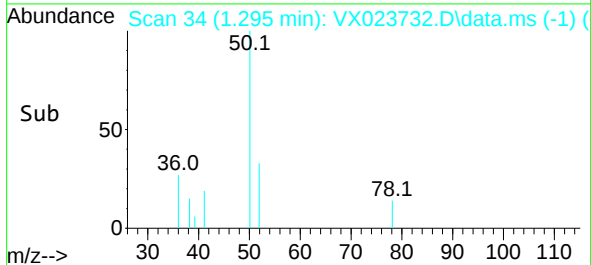
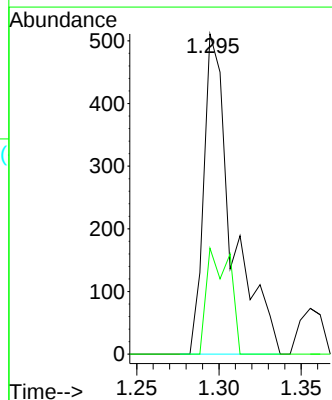
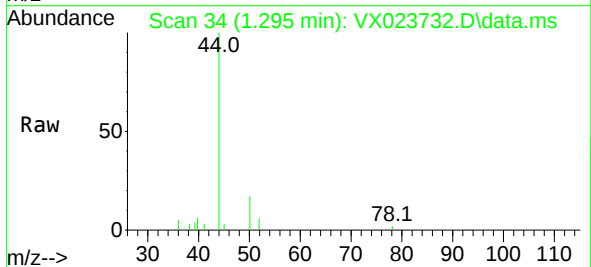
Instrument :
MSVOA_X
ClientSampled :

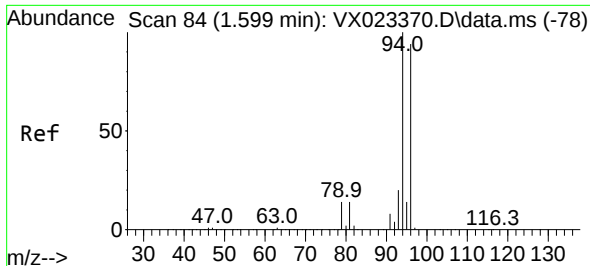
Tgt Ion:168 Resp: 159481
Ion Ratio Lower Upper
168 100
99 57.1 45.8 68.6



#3
Chloromethane
Concen: 0.359 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX023732.D
Acq: 16 Aug 2021 10:27

Tgt Ion: 50 Resp: 613
Ion Ratio Lower Upper
50 100
52 33.1 26.4 39.6

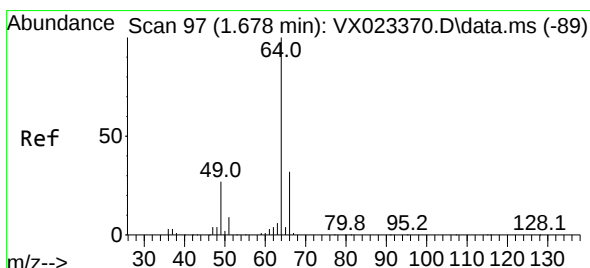
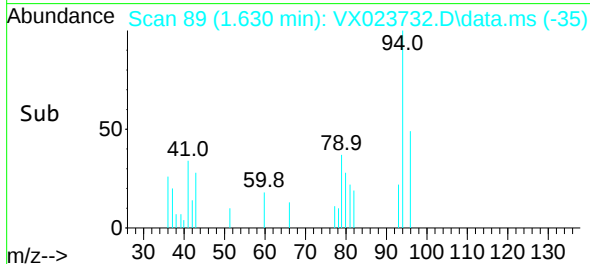
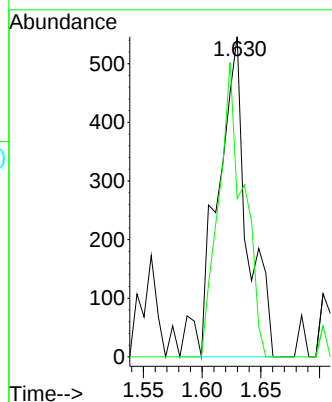
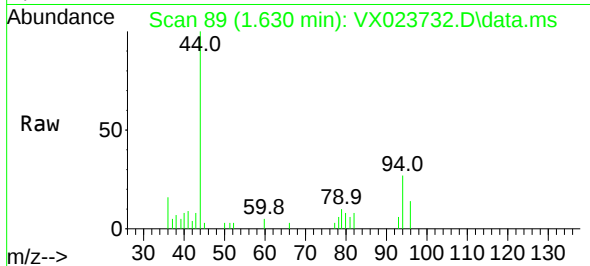




#5
Bromomethane
Concen: 0.935 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.031 min
Lab File: VX023732.D
Acq: 16 Aug 2021 10:27

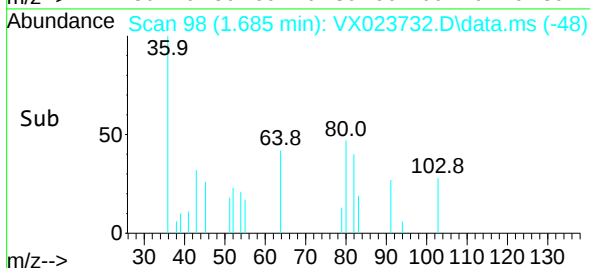
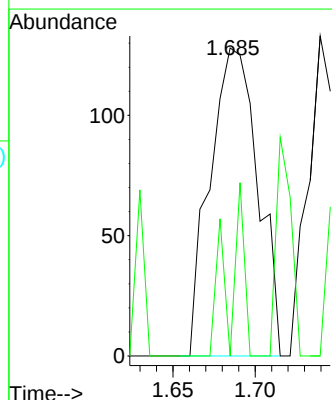
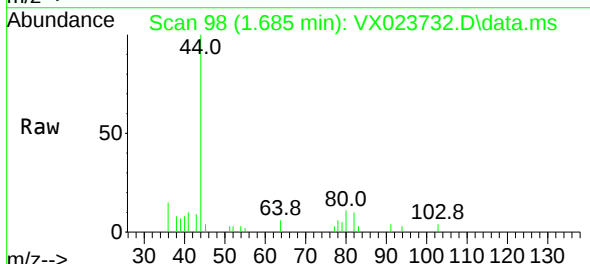
Instrument :
MSVOA_X
ClientSampled :

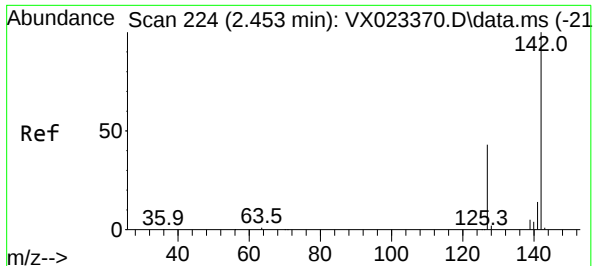
Tgt Ion: 94 Resp: 960
Ion Ratio Lower Upper
94 100
96 49.5 76.4 114.6#



#6
Chloroethane
Concen: 0.245 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.007 min
Lab File: VX023732.D
Acq: 16 Aug 2021 10:27

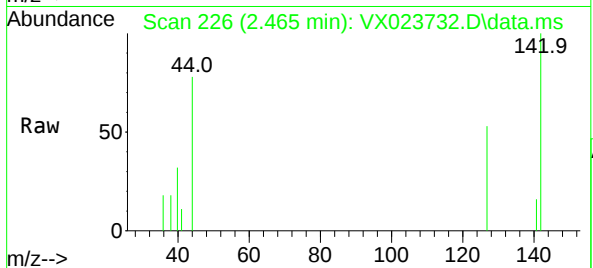
Tgt Ion: 64 Resp: 260
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



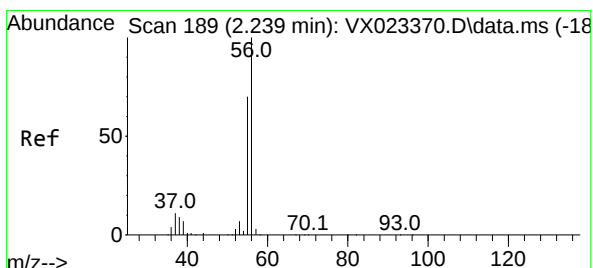
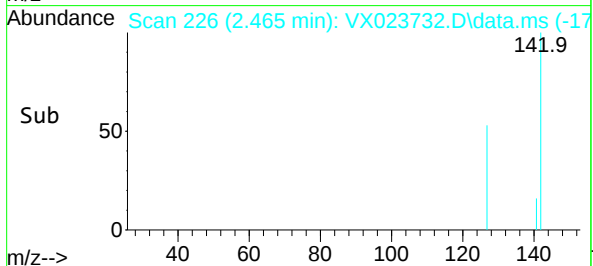
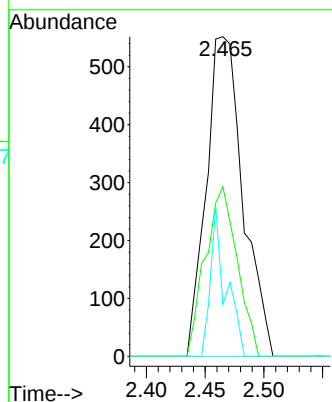


#10
Methyl Iodide
Concen: 0.608 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX023732.D
Acq: 16 Aug 2021 10:27

Instrument :
MSVOA_X
ClientSampled :

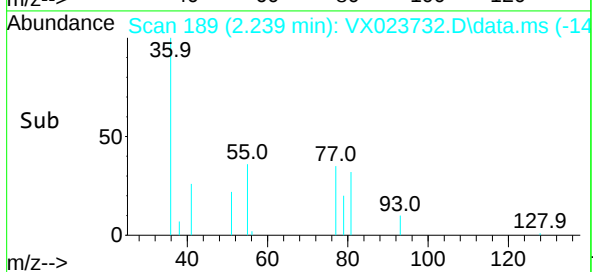
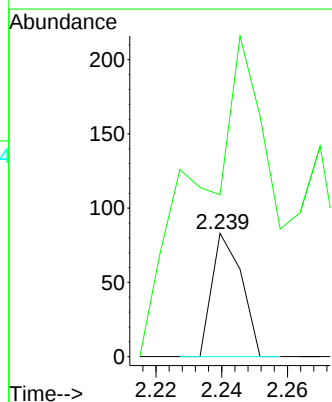
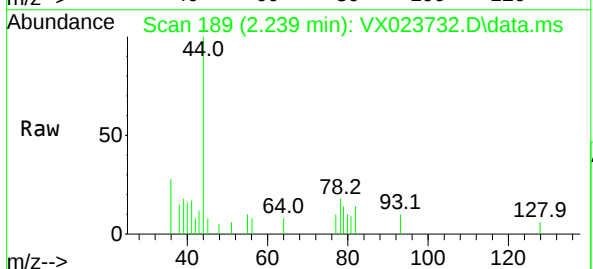


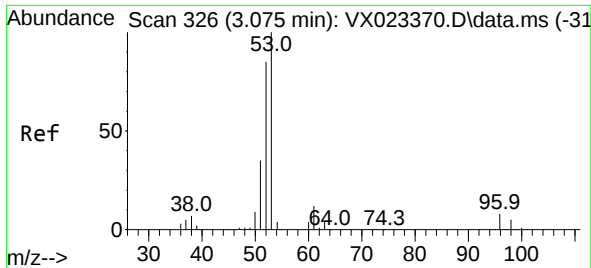
Tgt Ion:142 Resp: 1202
Ion Ratio Lower Upper
142 100
127 46.0 33.3 49.9
141 19.5 11.4 17.0#



#13
Acrolein
Concen: 1.588 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX023732.D
Acq: 16 Aug 2021 10:27

Tgt Ion: 56 Resp: 52
Ion Ratio Lower Upper
56 100
55 834.6 56.4 84.6#

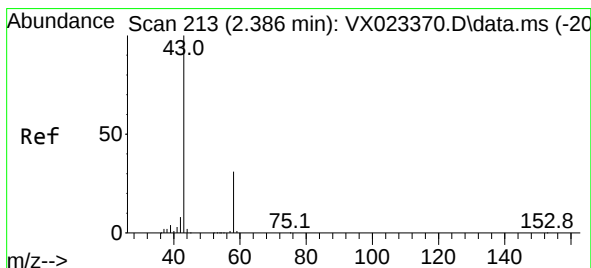
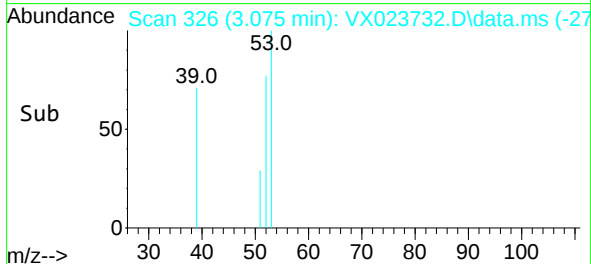
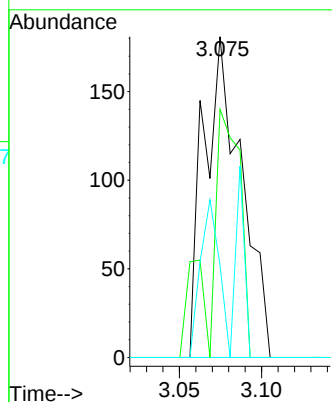
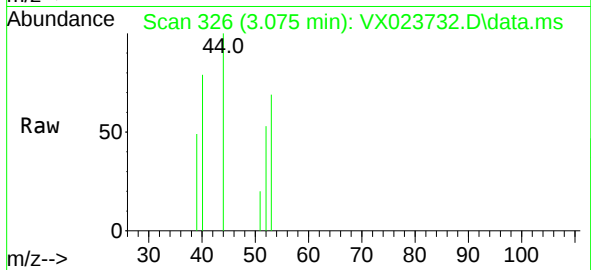




#15
Acrylonitrile
Concen: 0.281 ug/l
RT: 3.075 min Scan# 326
Delta R.T. -0.000 min
Lab File: VX023732.D
Acq: 16 Aug 2021 10:27

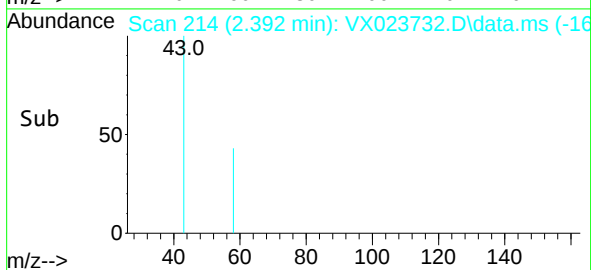
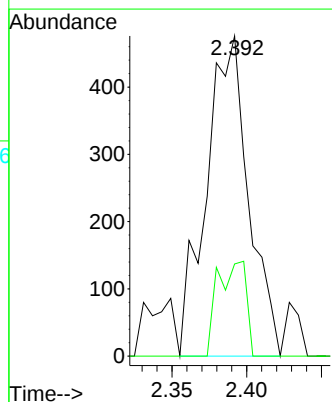
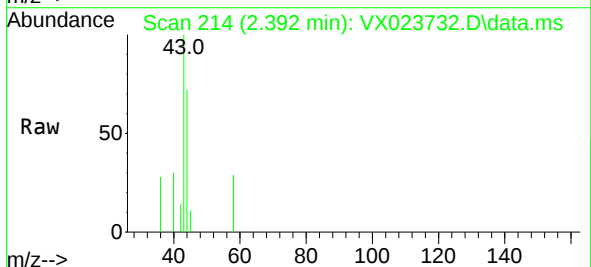
Instrument :
MSVOA_X
ClientSampled :

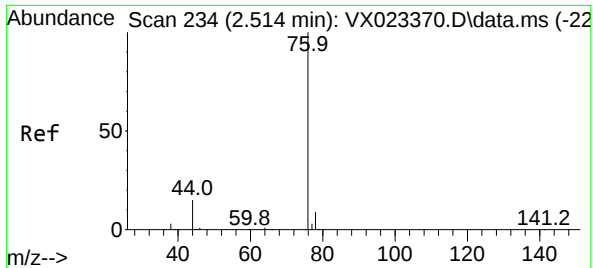
Tgt Ion: 53 Resp: 288
Ion Ratio Lower Upper
53 100
52 62.2 65.3 97.9#
51 24.7 28.2 42.2#



#16
Acetone
Concen: 0.960 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX023732.D
Acq: 16 Aug 2021 10:27

Tgt Ion: 43 Resp: 937
Ion Ratio Lower Upper
43 100
58 28.8 27.8 41.8

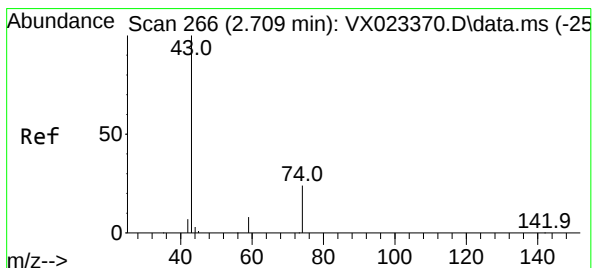
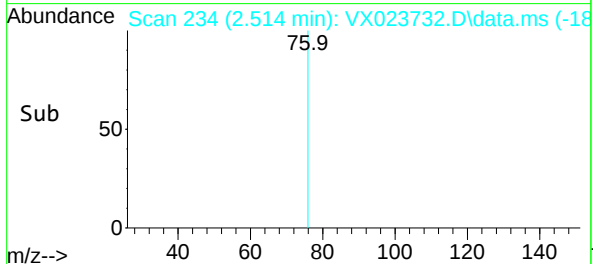
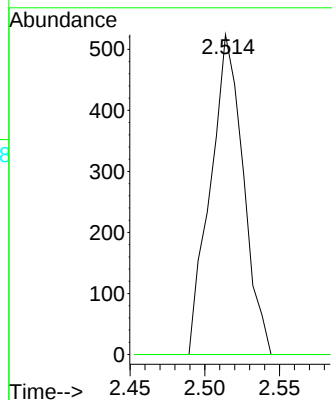
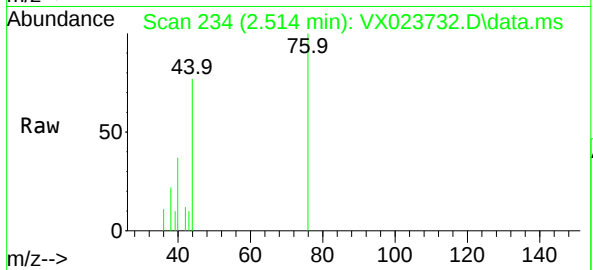




#17
Carbon Disulfide
Concen: 0.207 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX023732.D
Acq: 16 Aug 2021 10:27

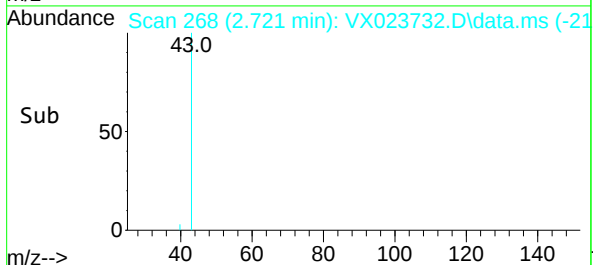
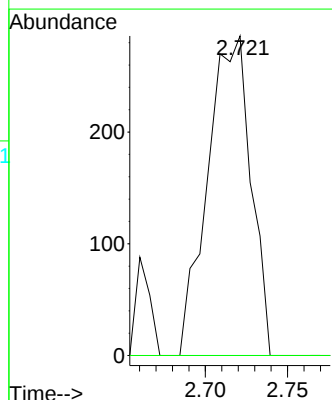
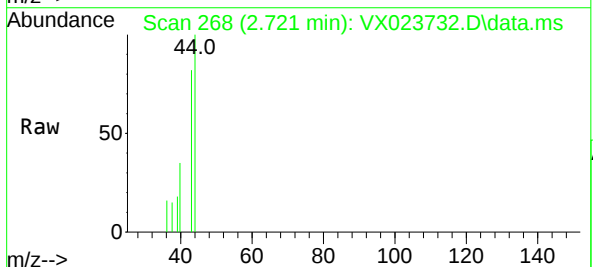
Instrument :
MSVOA_X
ClientSampled :

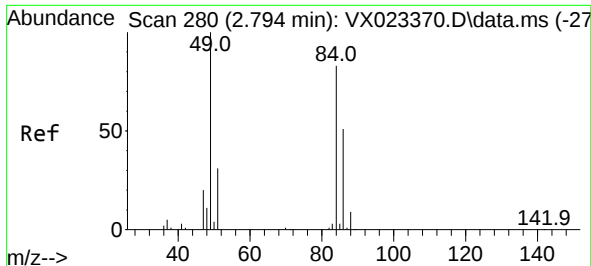
Tgt Ion: 76 Resp: 799
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 0.225 ug/l
RT: 2.721 min Scan# 268
Delta R.T. 0.012 min
Lab File: VX023732.D
Acq: 16 Aug 2021 10:27

Tgt Ion: 43 Resp: 523
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



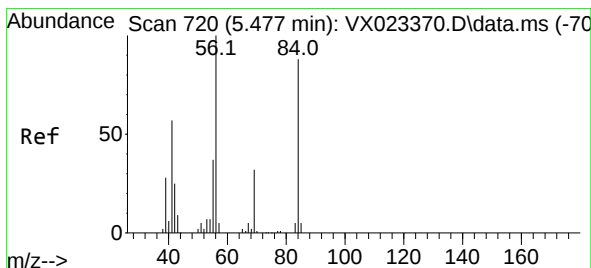
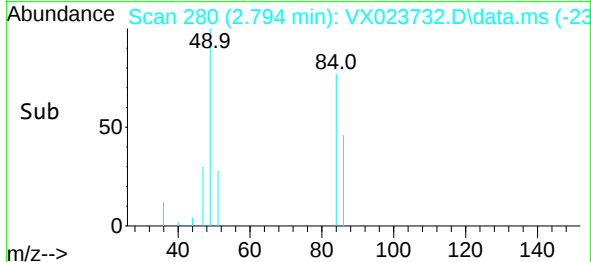
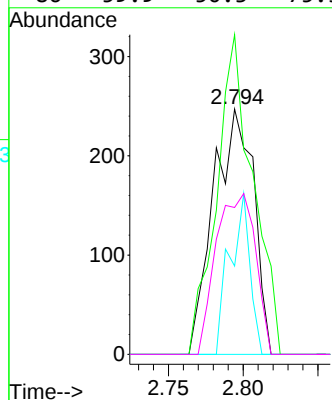
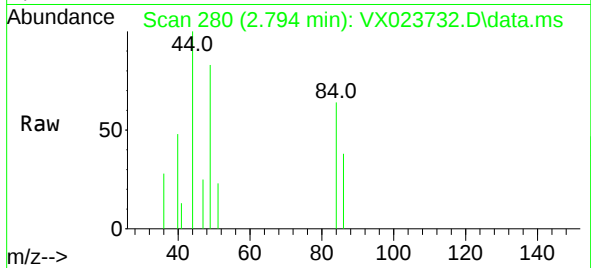


#20
Methylene Chloride
Concen: 0.243 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023732.D
Acq: 16 Aug 2021 10:27

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 84 Resp: 461

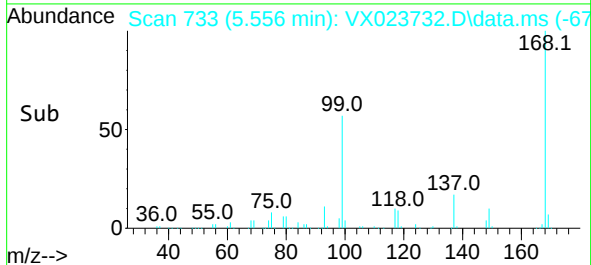
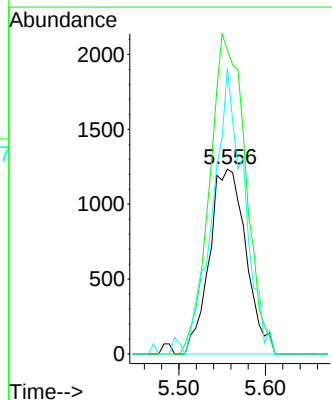
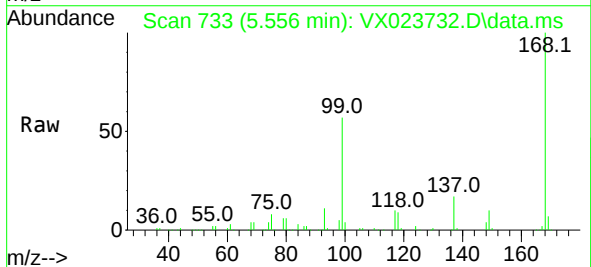
Ion	Ratio	Lower	Upper
84	100		
49	130.4	88.6	132.8
51	36.0	27.0	40.6
86	59.9	50.3	75.5

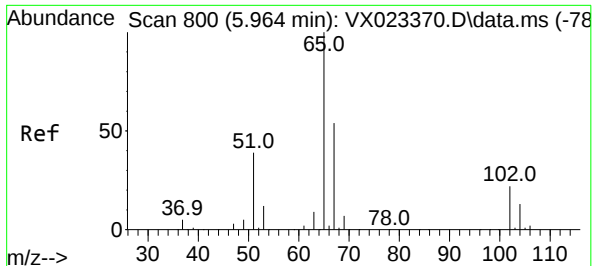


#31
Cyclohexane
Concen: 1.228 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX023732.D
Acq: 16 Aug 2021 10:27

Tgt Ion: 56 Resp: 3618

Ion	Ratio	Lower	Upper
56	100		
69	164.3	25.3	37.9#
84	154.9	71.4	107.0#



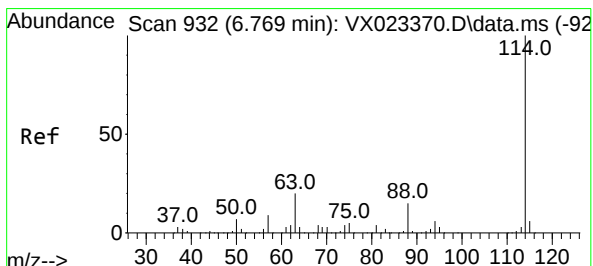
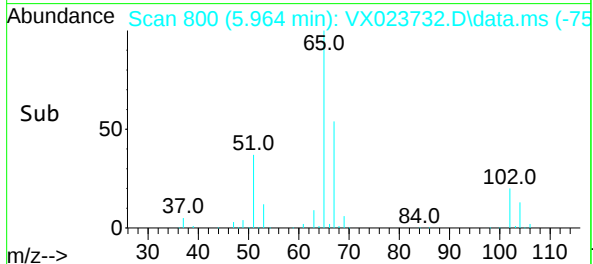
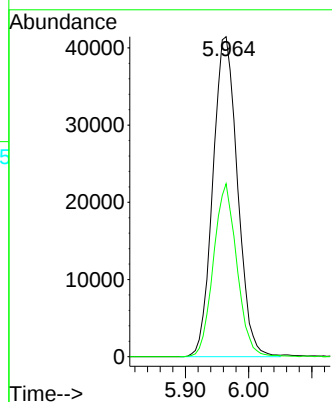
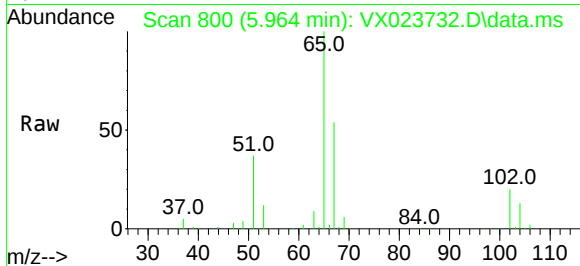


#33
 1,2-Dichloroethane-d4
 Concen: 56.294 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: VX023732.D
 Acq: 16 Aug 2021 10:27

Instrument :
 MSVOA_X
 ClientSampled :

Tgt Ion: 65 Resp: 111991

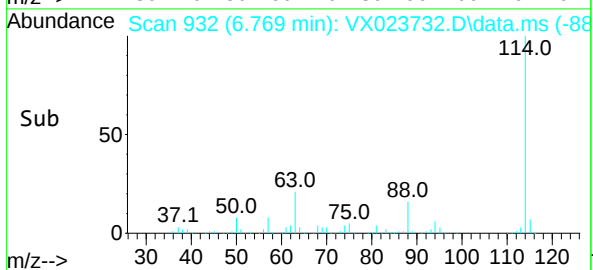
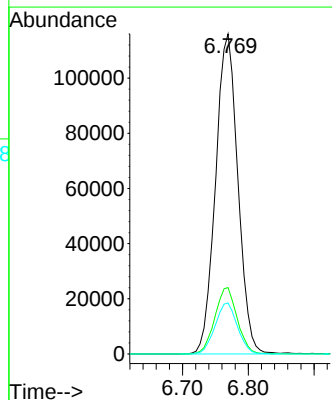
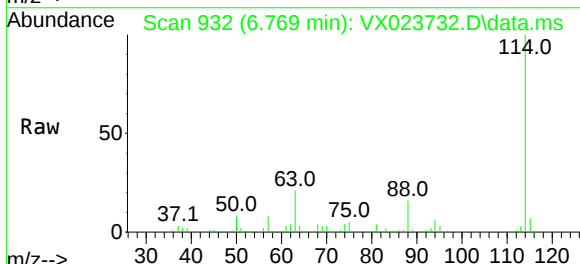
Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	105.4

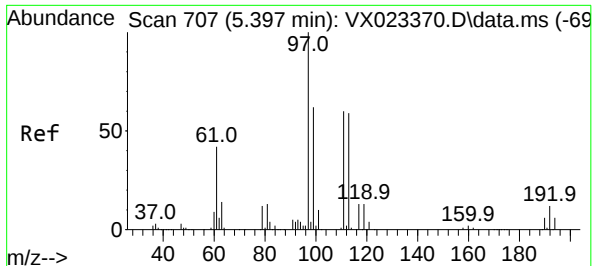


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX023732.D
 Acq: 16 Aug 2021 10:27

Tgt Ion: 114 Resp: 273783

Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	40.8
88	15.9	0.0	32.8

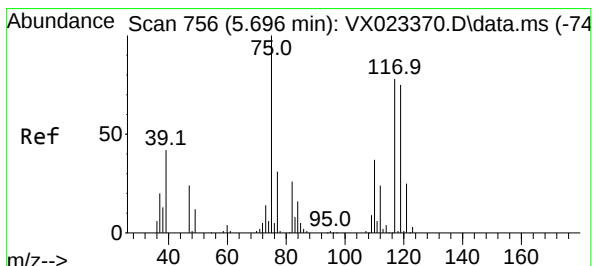
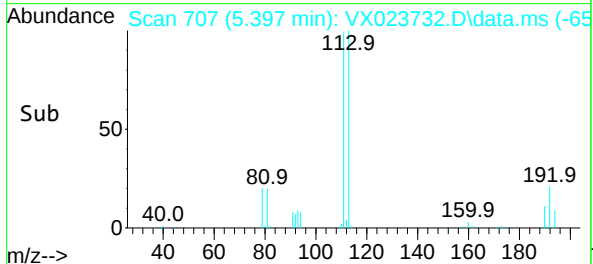
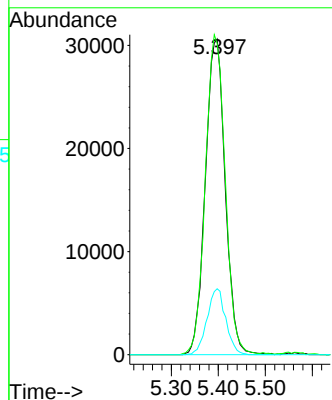
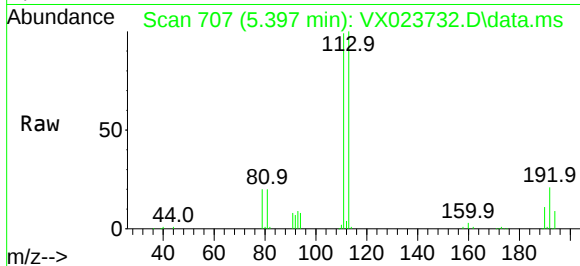




#35
Dibromofluoromethane
Concen: 52.582 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023732.D
Acq: 16 Aug 2021 10:27

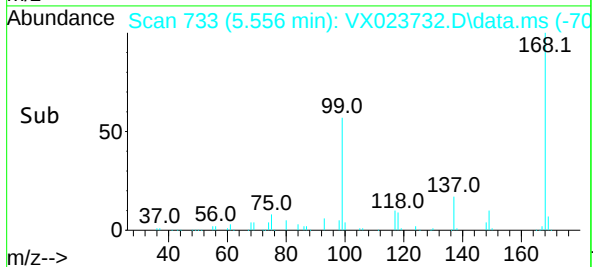
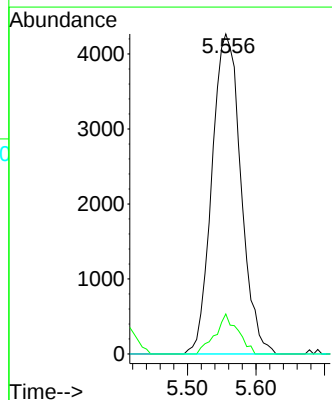
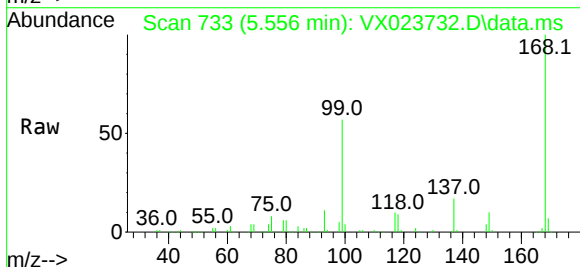
Instrument :
MSVOA_X
ClientSampled :

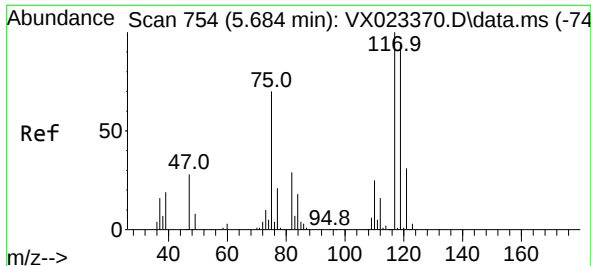
Tgt Ion:113 Resp: 90010
Ion Ratio Lower Upper
113 100
111 101.1 81.9 122.9
192 19.6 16.7 25.1



#36
1,1-Dichloropropene
Concen: 5.054 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX023732.D
Acq: 16 Aug 2021 10:27

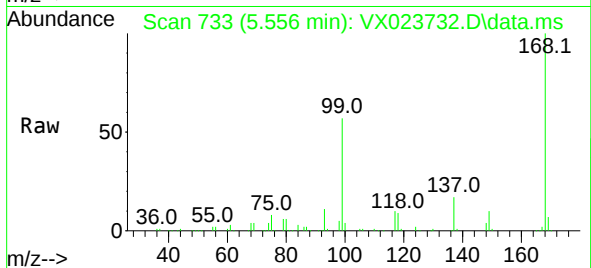
Tgt Ion: 75 Resp: 12517
Ion Ratio Lower Upper
75 100
110 9.8 18.1 54.4#
77 0.0 25.3 37.9#



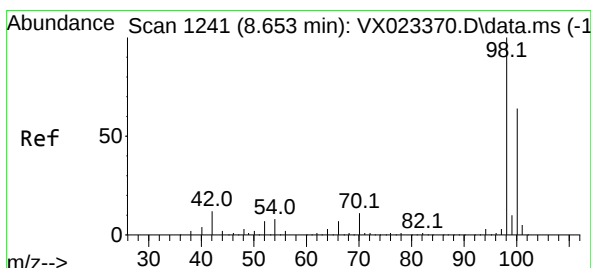
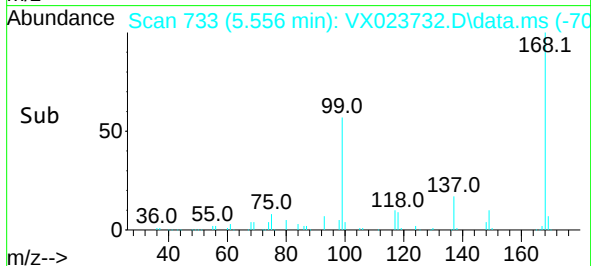
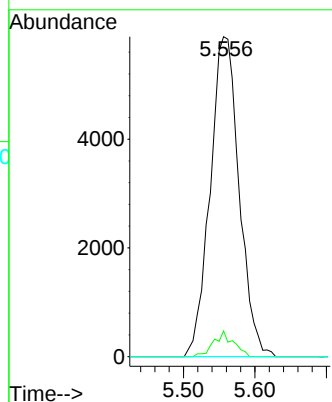


#38
Carbon Tetrachloride
Concen: 6.580 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX023732.D
Acq: 16 Aug 2021 10:27

Instrument :
MSVOA_X
ClientSampleId :

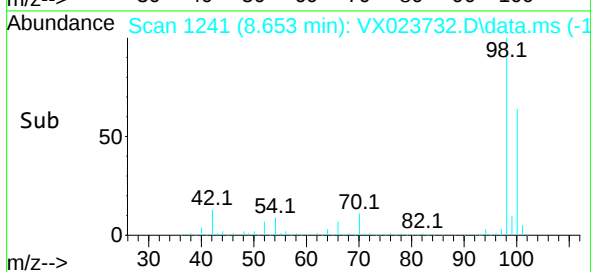
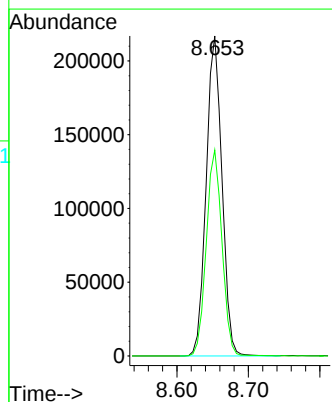
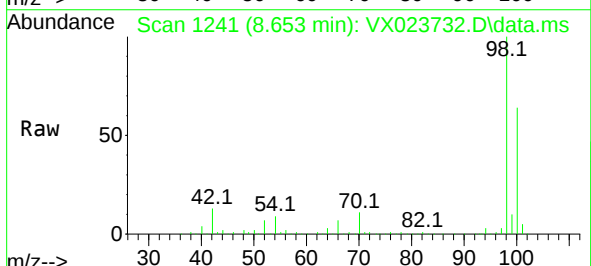


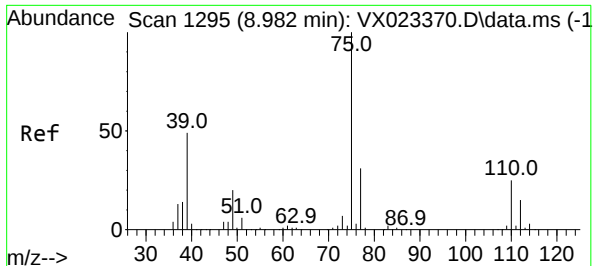
Tgt Ion:117 Resp: 16574
Ion Ratio Lower Upper
117 100
119 8.1 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 52.901 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023732.D
Acq: 16 Aug 2021 10:27

Tgt Ion: 98 Resp: 332706
Ion Ratio Lower Upper
98 100
100 64.1 51.9 77.9

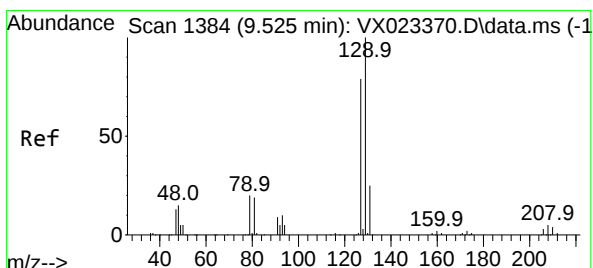
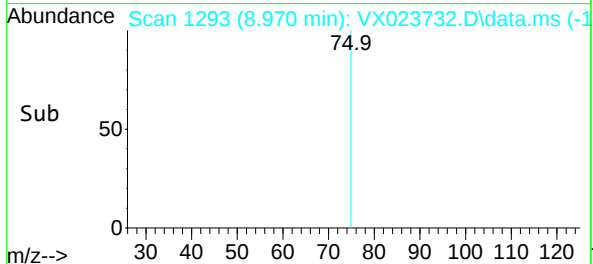
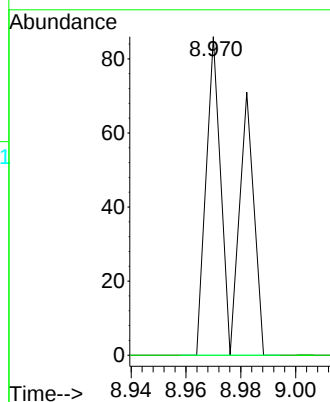
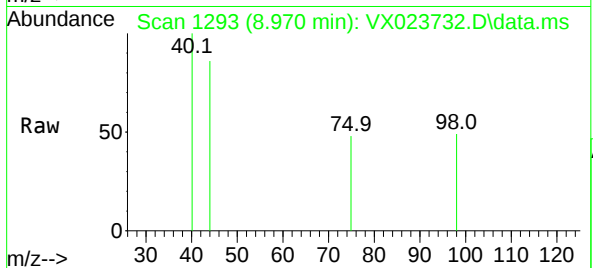




#53
t-1,3-Dichloropropene
Concen: 1.835 ug/l
RT: 8.970 min Scan# 1293
Delta R.T. -0.012 min
Lab File: VX023732.D
Acq: 16 Aug 2021 10:27

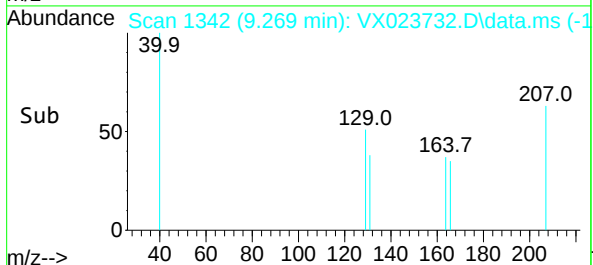
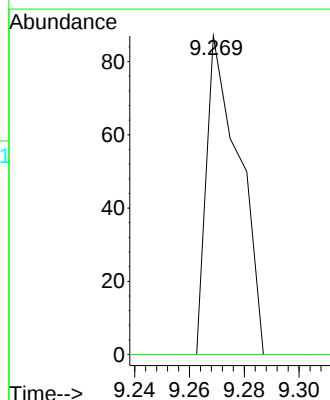
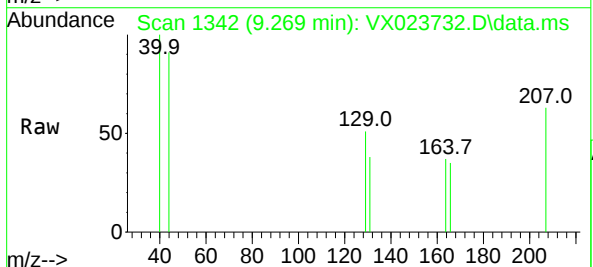
Instrument :
MSVOA_X
ClientSampled :

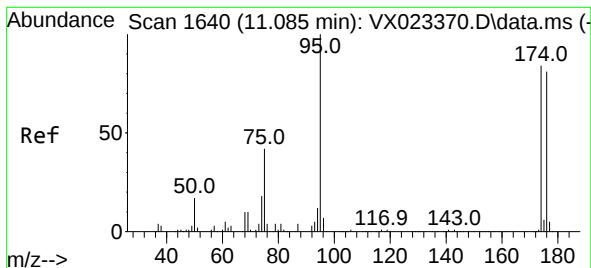
Tgt Ion: 75 Resp: 57
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#



#60
Dibromochloromethane
Concen: 2.017 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.256 min
Lab File: VX023732.D
Acq: 16 Aug 2021 10:27

Tgt Ion:129 Resp: 72
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

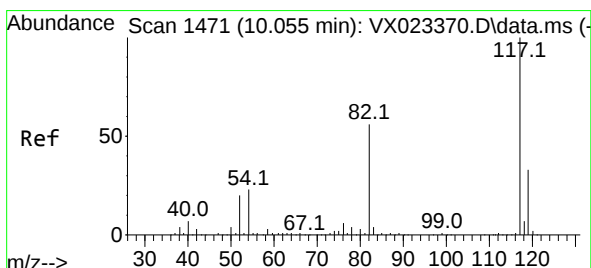
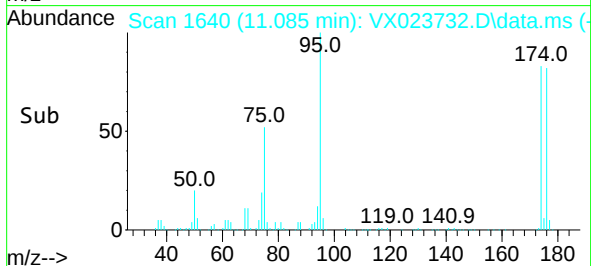
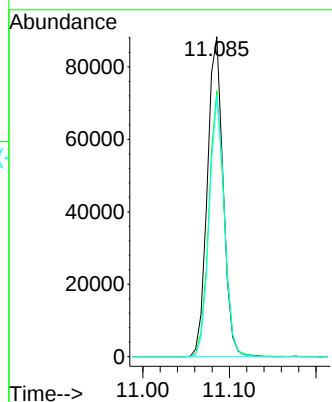
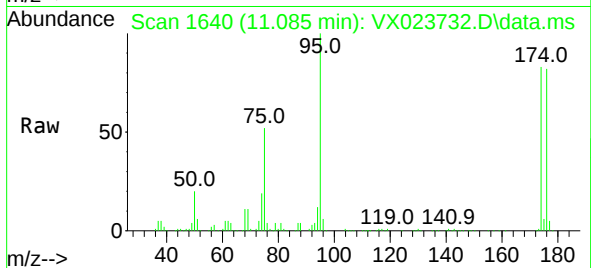




#62
4-Bromofluorobenzene
Concen: 52.290 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023732.D
Acq: 16 Aug 2021 10:27

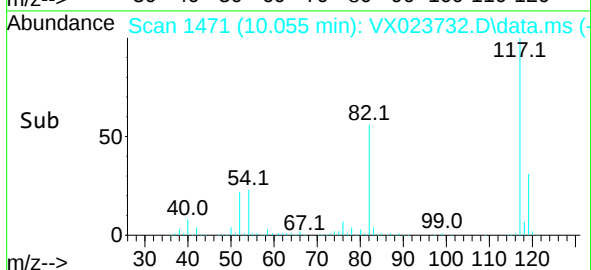
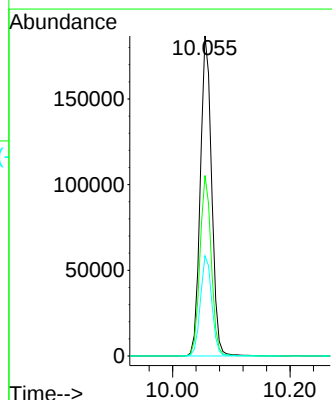
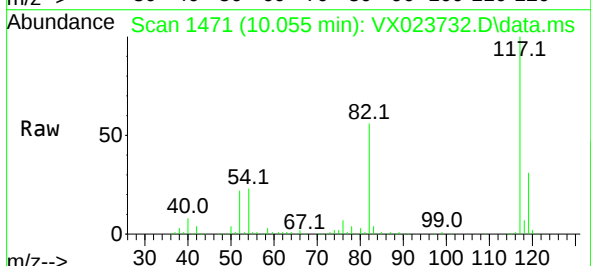
Instrument :
MSVOA_X
ClientSampleId :

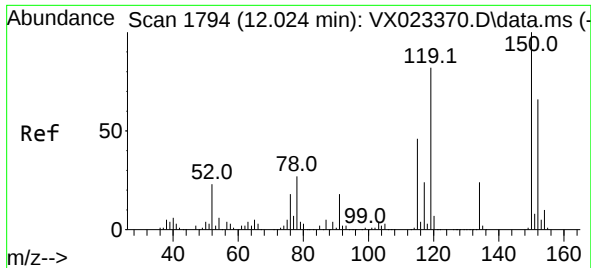
Tgt Ion: 95 Resp: 111828
Ion Ratio Lower Upper
95 100
174 80.6 0.0 154.6
176 78.0 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX023732.D
Acq: 16 Aug 2021 10:27

Tgt Ion: 117 Resp: 249773
Ion Ratio Lower Upper
117 100
82 56.4 47.4 71.2
119 31.3 26.6 39.8

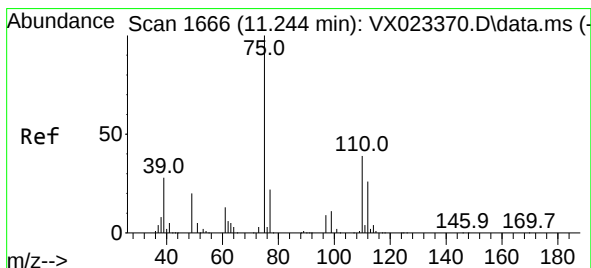
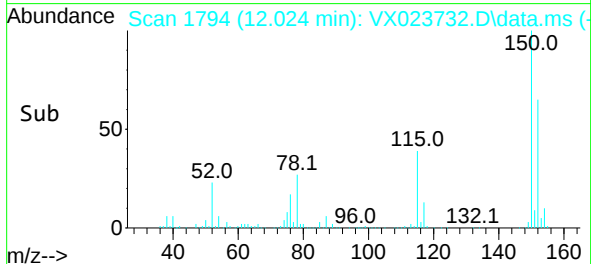
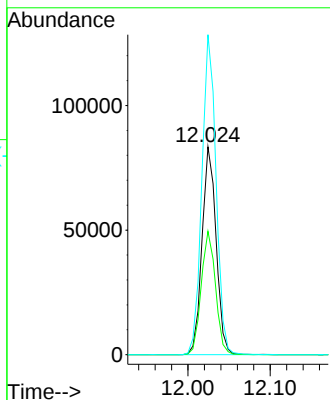
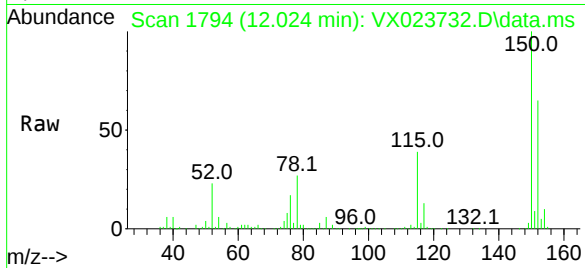




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX023732.D
 Acq: 16 Aug 2021 10:27

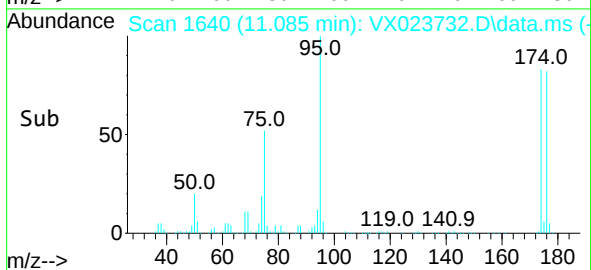
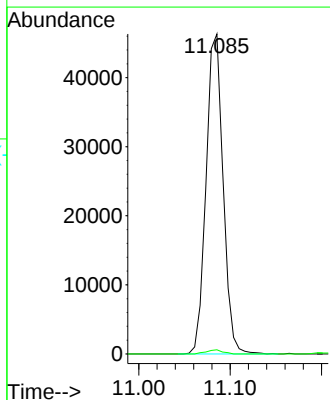
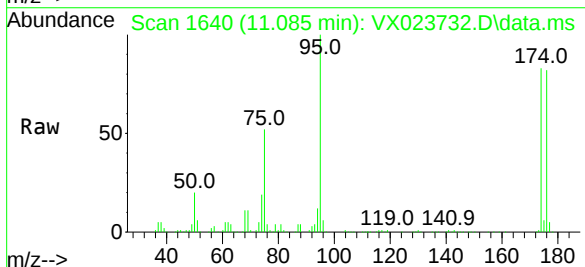
Instrument :
 MSVOA_X
 ClientSampled :

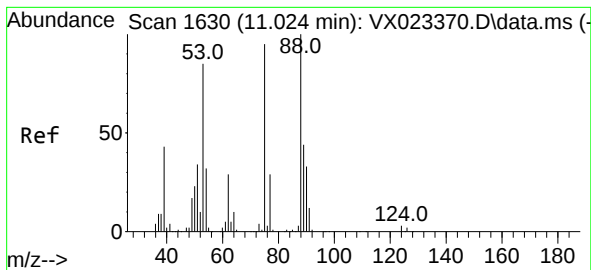
Tgt Ion:152 Resp: 99208
 Ion Ratio Lower Upper
 152 100
 115 60.2 41.1 123.3
 150 155.1 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 27.335 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX023732.D
 Acq: 16 Aug 2021 10:27

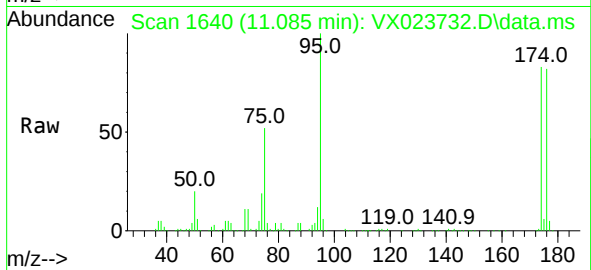
Tgt Ion: 75 Resp: 59676
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 73.500 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX023732.D
 Acq: 16 Aug 2021 10:27

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:	75	Resp:	59676
Ion	Ratio	Lower	Upper
75	100		
53	0.0	74.5	111.7#
89	0.0	37.9	56.9#

