

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082721\
 Data File : VX023988.D
 Acq On : 27 Aug 2021 13:35
 Operator : JC/MD
 Sample : M3561-21
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 28 04:55:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

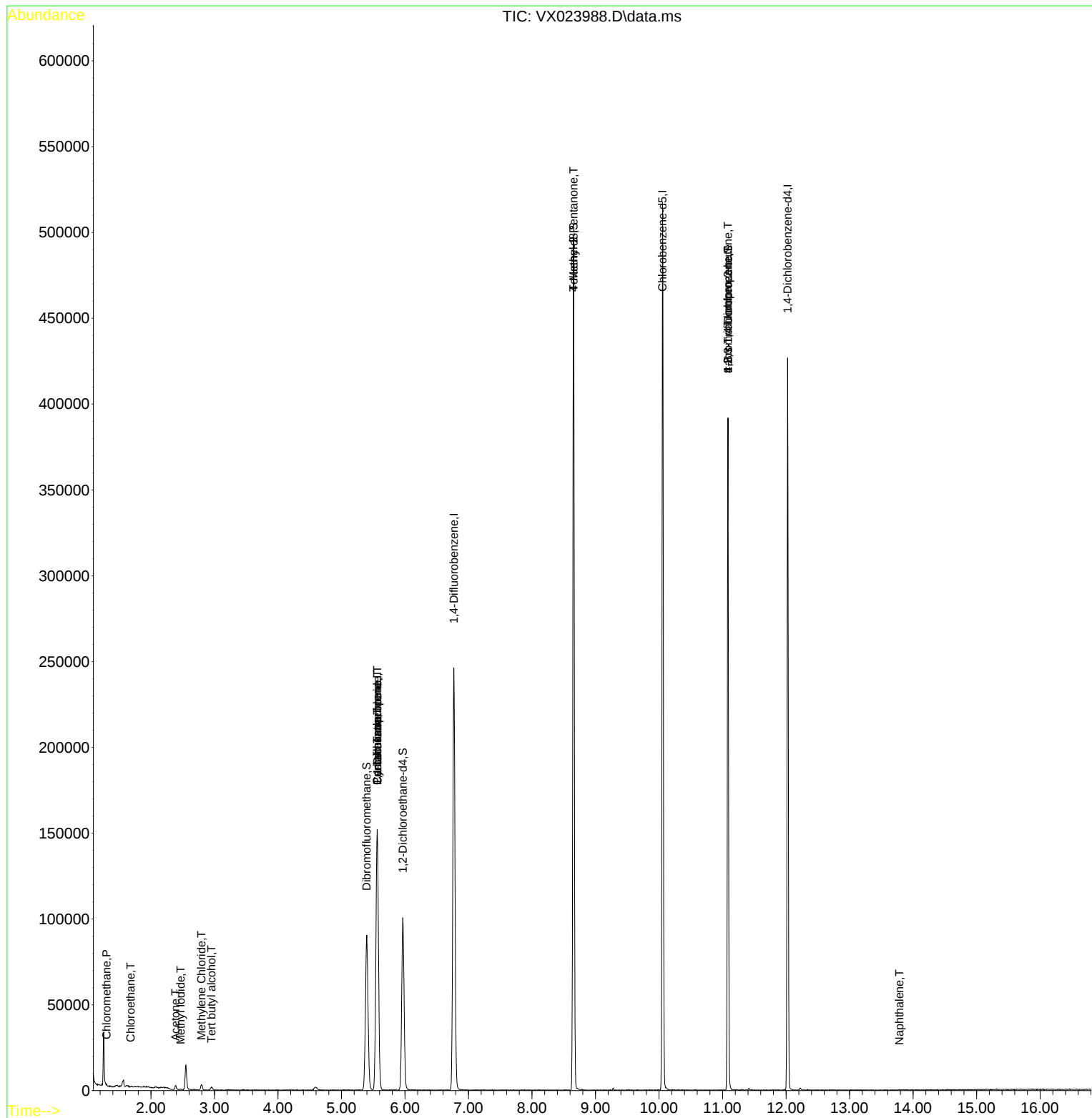
Internal Standards						
1) Pentafluorobenzene	5.562	168	139895	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	239725	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	221632	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	84228	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	98426	50.410	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 100.820%		
35) Dibromofluoromethane	5.397	113	75207	47.399	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 94.800%		
50) Toluene-d8	8.653	98	278405	46.101	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 92.200%		
62) 4-Bromofluorobenzene	11.085	95	93360	41.995	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 84.000%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	411	0.254	ug/l #	85
6) Chloroethane	1.678	64	76	2.273	ug/l #	43
10) Methyl Iodide	2.465	142	515	0.263	ug/l #	92
11) Tert butyl alcohol	2.953	59	1050	2.659	ug/l #	73
16) Acetone	2.386	43	2563	2.936	ug/l #	86
20) Methylene Chloride	2.794	84	1475	0.885	ug/l #	80
31) Cyclohexane	5.562	56	3366	1.342	ug/l #	16
36) 1,1-Dichloropropene	5.562	75	11610	5.230	ug/l #	49
38) Carbon Tetrachloride	5.562	117	15531	6.709	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	1320	0.478	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	51653	26.289	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	51653	77.330	ug/l #	12
95) Naphthalene	13.786	128	94	1.297	ug/l #	69

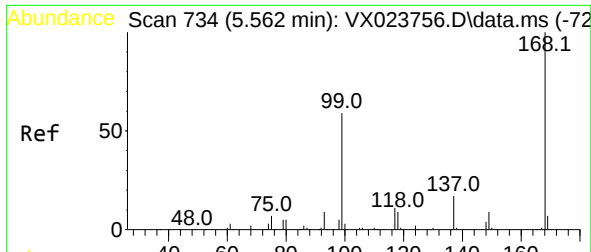
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Aug 17 11:57:51 2021
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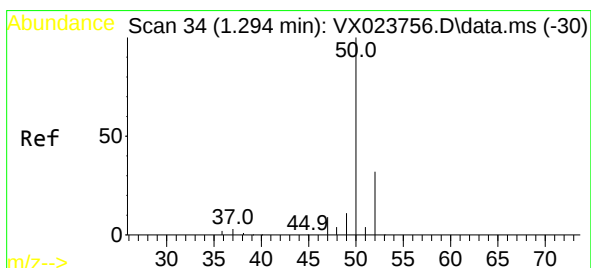
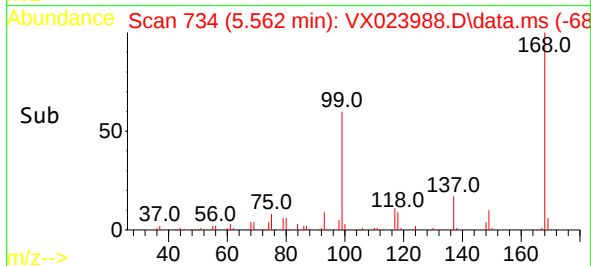
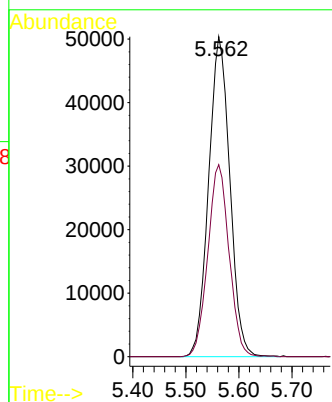
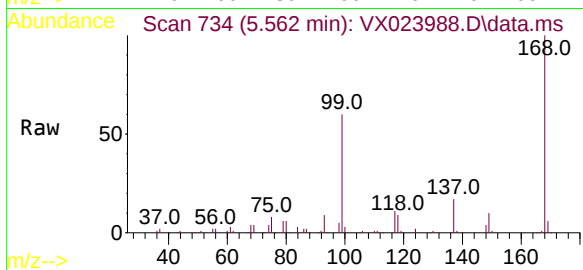




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023988.D
Acq: 27 Aug 2021 13:35

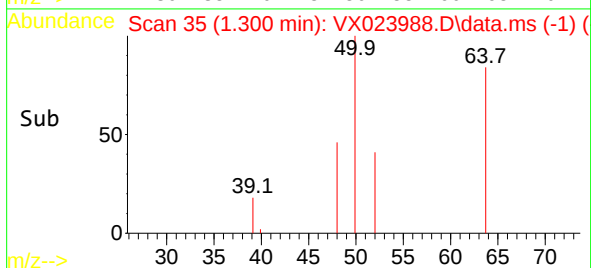
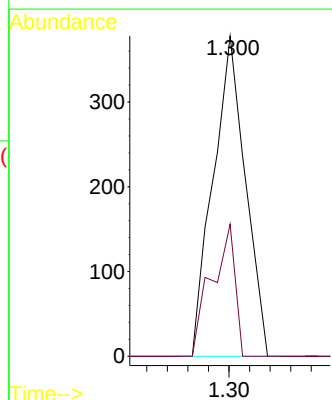
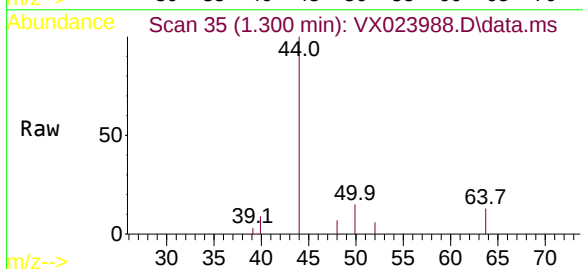
Instrument :
MSVOA_X
ClientSampled :

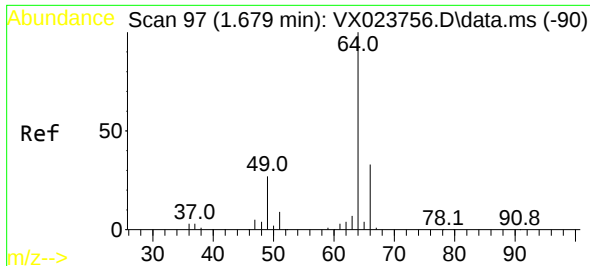
Tgt Ion:168 Resp: 139895
Ion Ratio Lower Upper
168 100
99 60.0 45.8 68.6



#3
Chloromethane
Concen: 0.254 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX023988.D
Acq: 27 Aug 2021 13:35

Tgt Ion: 50 Resp: 411
Ion Ratio Lower Upper
50 100
52 41.3 26.4 39.6#

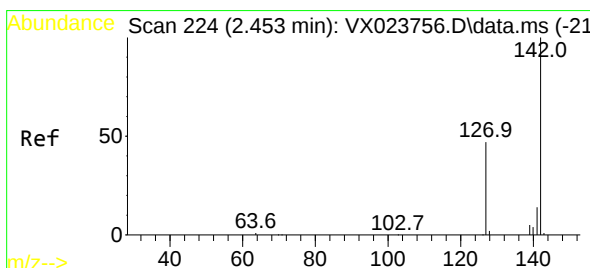
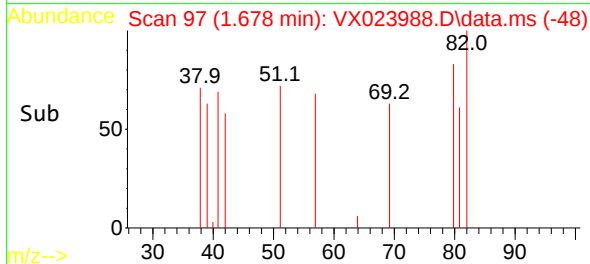
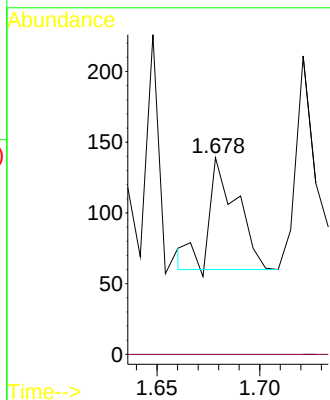
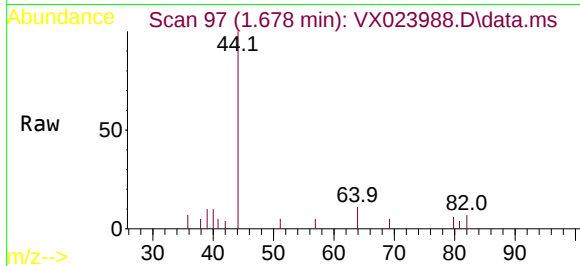




#6
Chloroethane
Concen: 2.273 ug/l
RT: 1.678 min Scan# 97
Delta R.T. -0.001 min
Lab File: VX023988.D
Acq: 27 Aug 2021 13:35

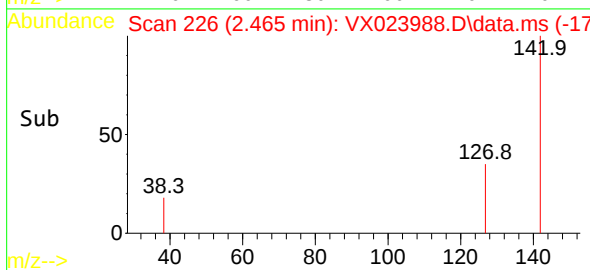
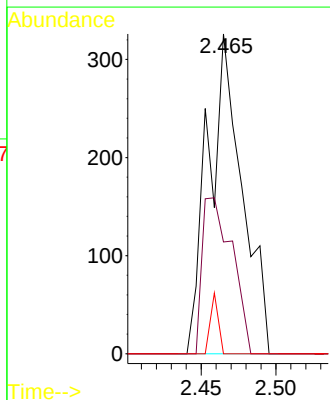
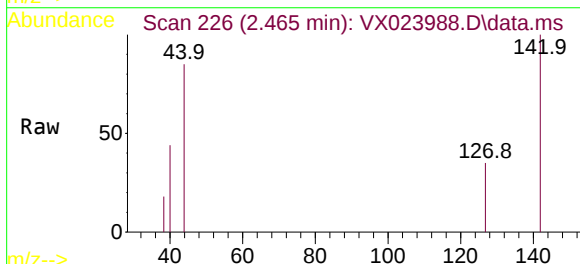
Instrument :
MSVOA_X
ClientSampled :

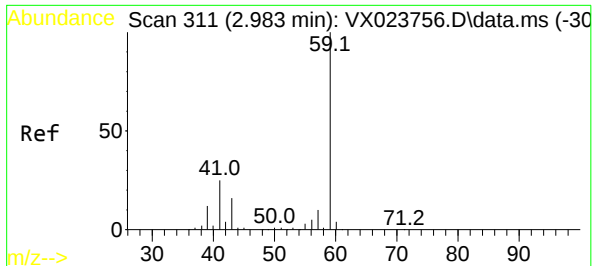
Tgt Ion: 64 Resp: 76
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#10
Methyl Iodide
Concen: 0.263 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX023988.D
Acq: 27 Aug 2021 13:35

Tgt Ion: 142 Resp: 515
Ion Ratio Lower Upper
142 100
127 42.9 33.3 49.9
141 4.5 11.4 17.0#



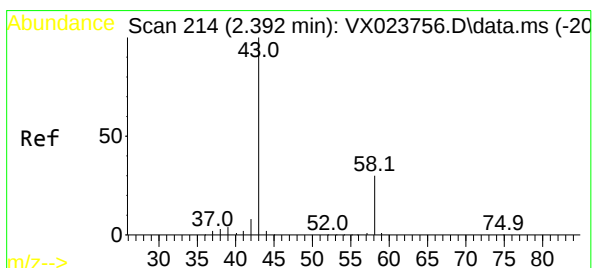
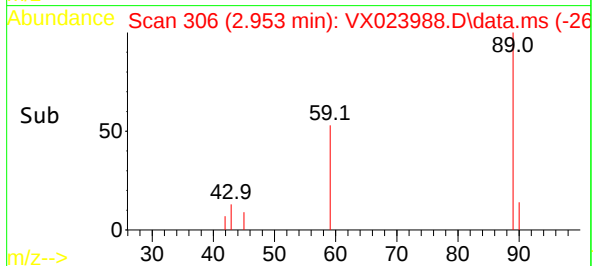
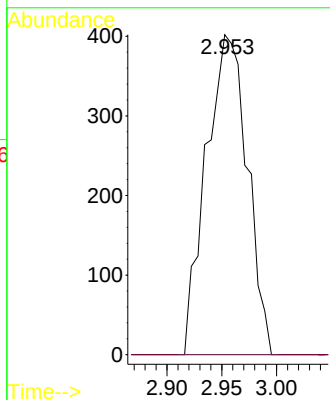
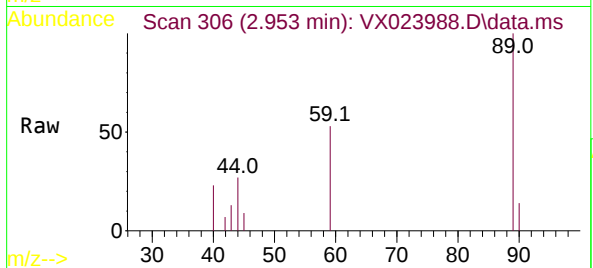


#11

Tert butyl alcohol
Concen: 2.659 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX023988.D
Acq: 27 Aug 2021 13:35

Instrument :
MSVOA_X
ClientSampled :

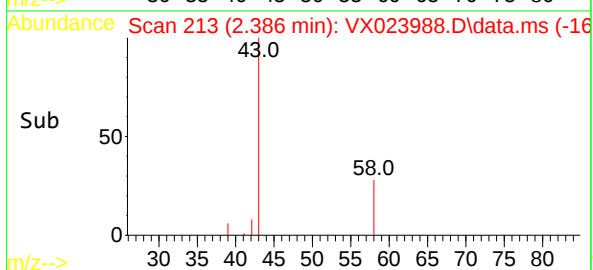
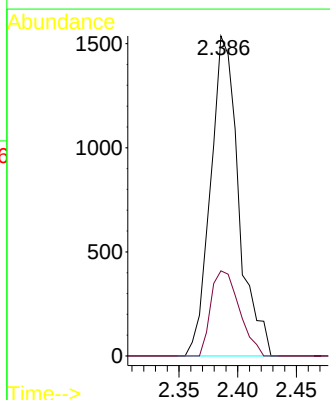
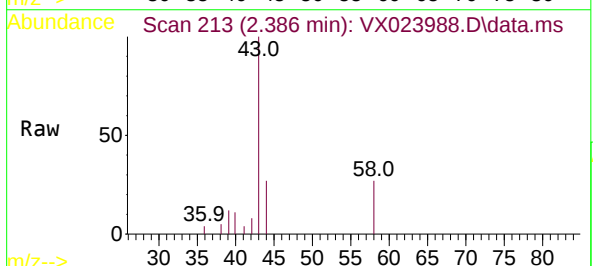
Tgt Ion: 59 Resp: 1050
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

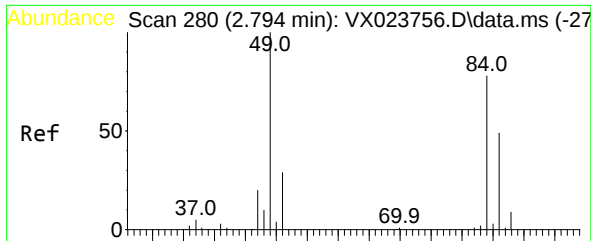


#16

Acetone
Concen: 2.936 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023988.D
Acq: 27 Aug 2021 13:35

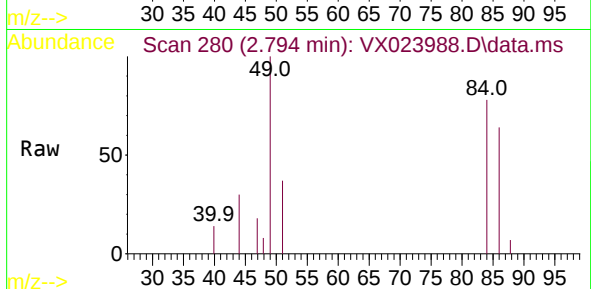
Tgt Ion: 43 Resp: 2563
Ion Ratio Lower Upper
43 100
58 26.6 27.8 41.8#



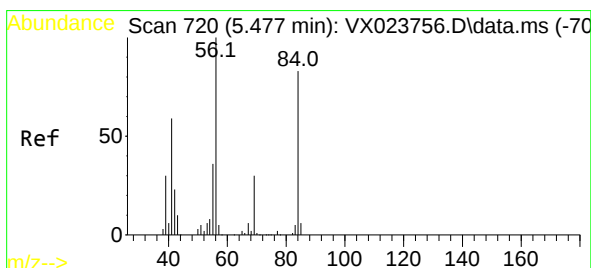
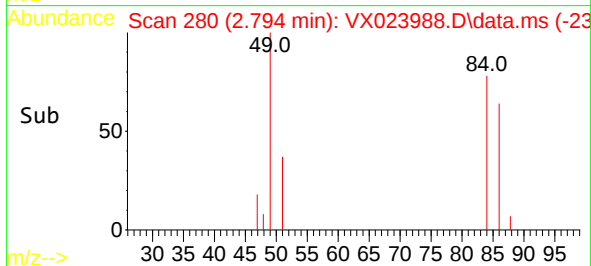
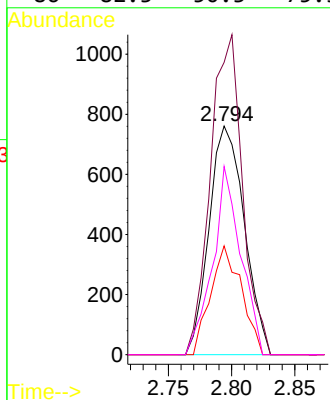


#20
Methylene Chloride
Concen: 0.885 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023988.D
Acq: 27 Aug 2021 13:35

Instrument :
MSVOA_X
ClientSampled :

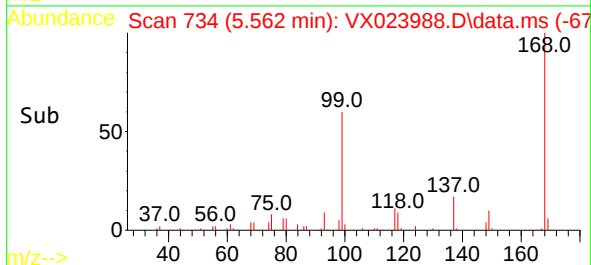
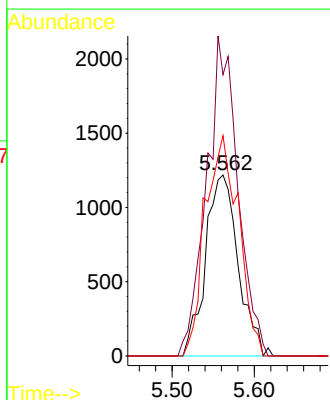
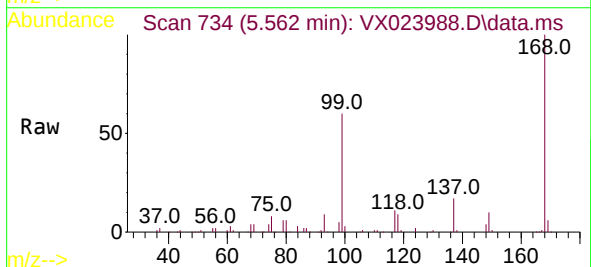


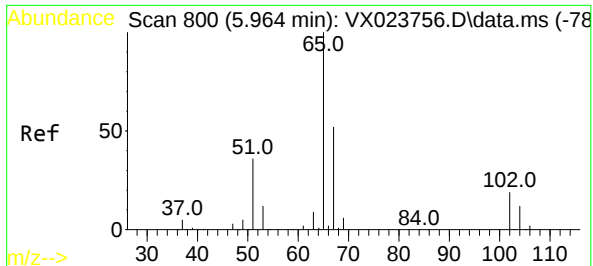
Tgt Ion:	84	Resp:	1475
Ion	Ratio	Lower	Upper
84	100		
49	127.9	88.6	132.8
51	47.6	27.0	40.6#
86	82.3	50.3	75.5#



#31
Cyclohexane
Concen: 1.342 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX023988.D
Acq: 27 Aug 2021 13:35

Tgt Ion:	56	Resp:	3366
Ion	Ratio	Lower	Upper
56	100		
69	155.4	25.3	37.9#
84	121.7	71.4	107.0#



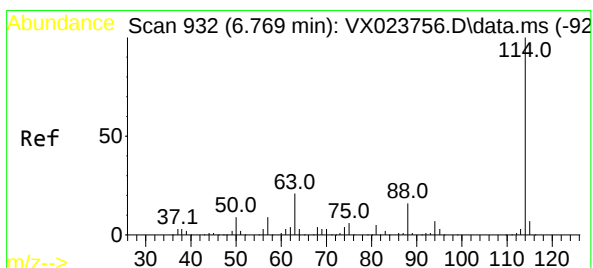
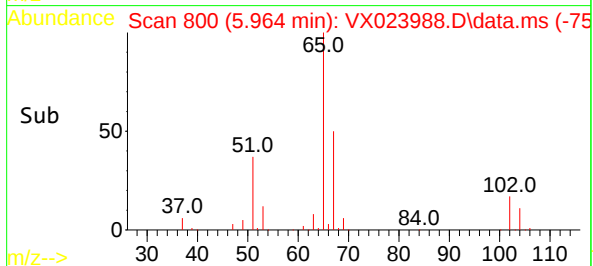
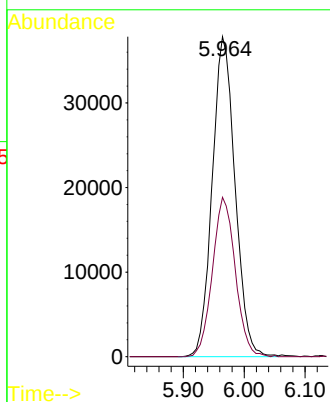
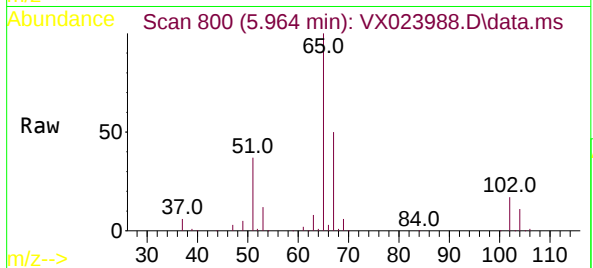


#33

1,2-Dichloroethane-d4
Concen: 50.410 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023988.D
Acq: 27 Aug 2021 13:35

Instrument :
MSVOA_X
ClientSampled :

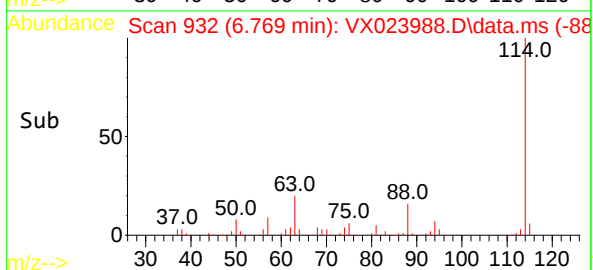
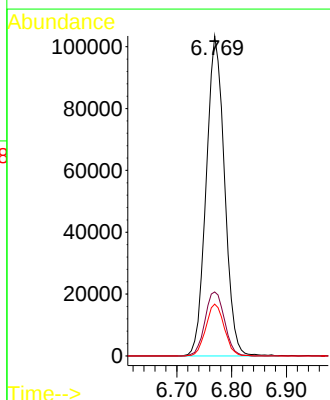
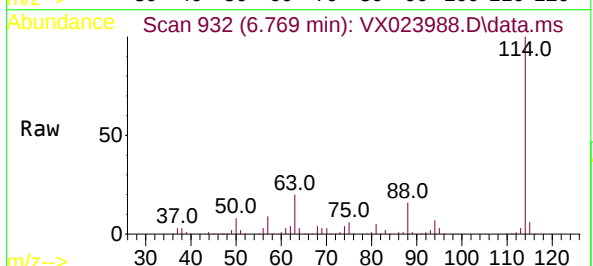
Tgt Ion: 65 Resp: 98426
Ion Ratio Lower Upper
65 100
67 49.9 0.0 105.4

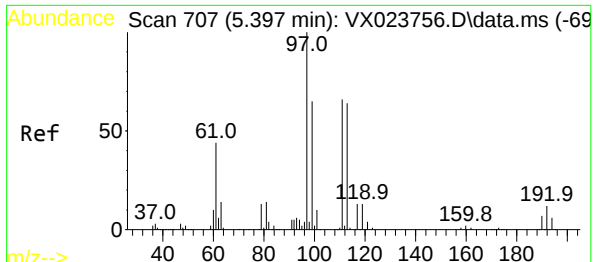


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023988.D
Acq: 27 Aug 2021 13:35

Tgt Ion: 114 Resp: 239725
Ion Ratio Lower Upper
114 100
63 20.0 0.0 40.8
88 16.2 0.0 32.8

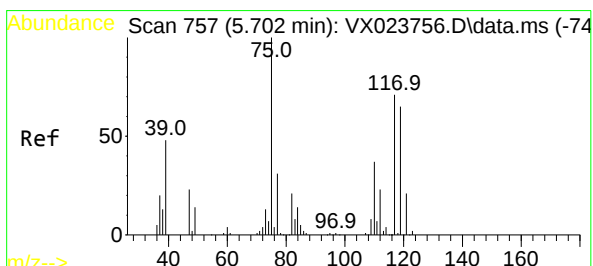
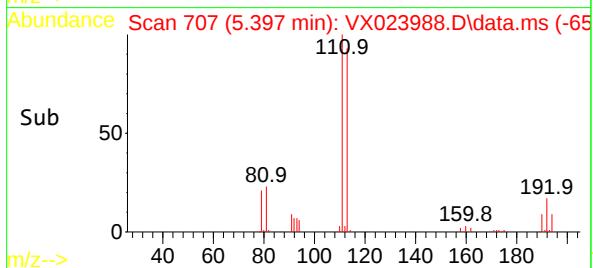
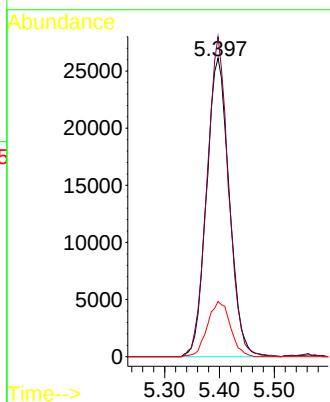
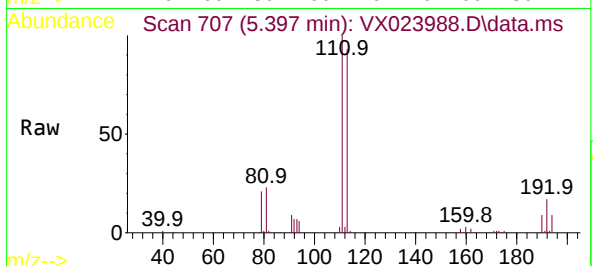




#35
Dibromofluoromethane
Concen: 47.399 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023988.D
Acq: 27 Aug 2021 13:35

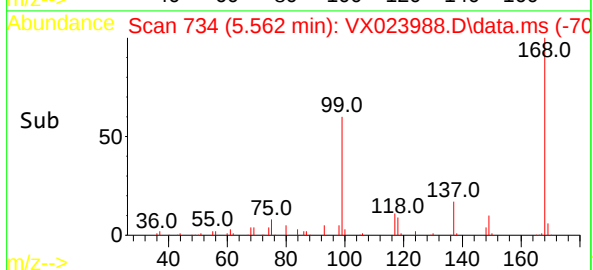
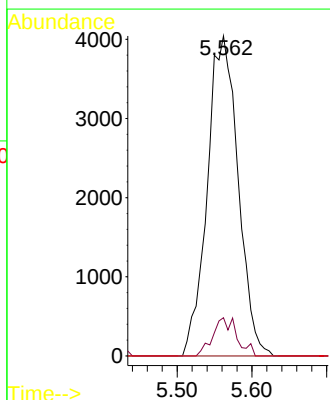
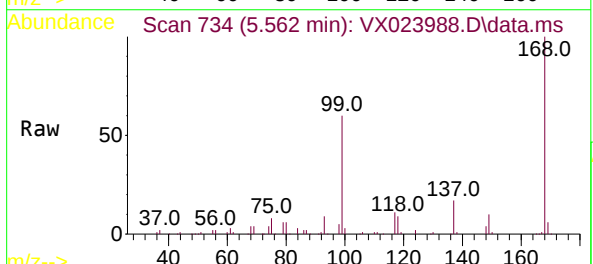
Instrument :
MSVOA_X
ClientSampleId :

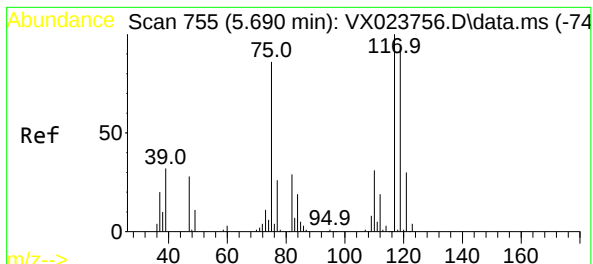
Tgt Ion:113 Resp: 75207
Ion Ratio Lower Upper
113 100
111 102.1 81.9 122.9
192 18.7 16.7 25.1



#36
1,1-Dichloropropene
Concen: 5.230 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX023988.D
Acq: 27 Aug 2021 13:35

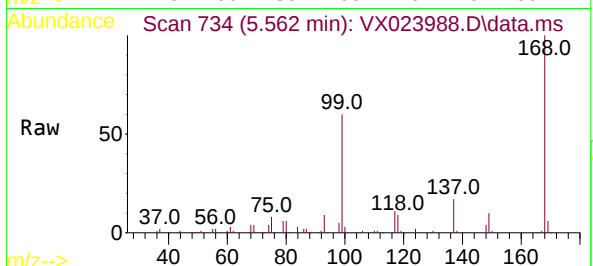
Tgt Ion: 75 Resp: 11610
Ion Ratio Lower Upper
75 100
110 9.3 18.1 54.4#
77 0.0 25.3 37.9#



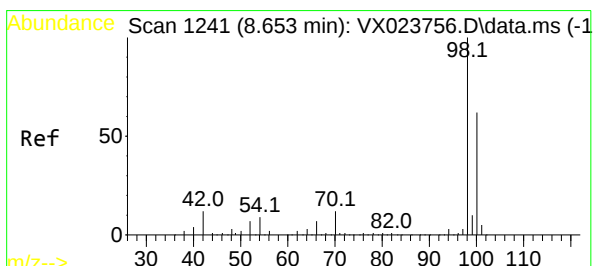
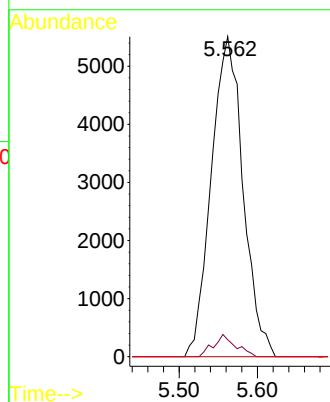
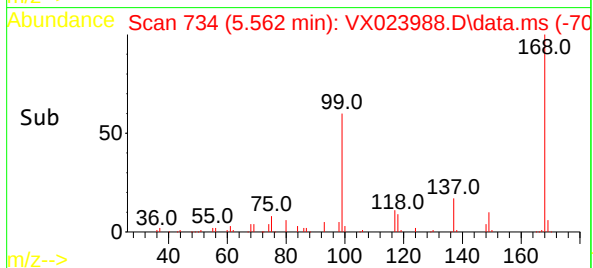


#38
Carbon Tetrachloride
Concen: 6.709 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX023988.D
Acq: 27 Aug 2021 13:35

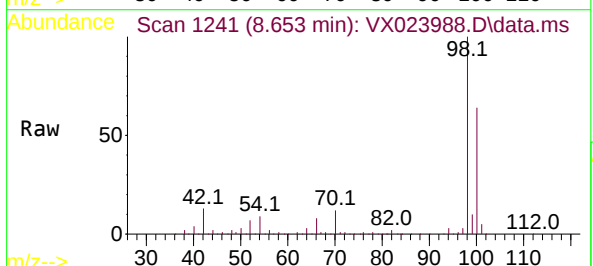
Instrument :
MSVOA_X
ClientSampled :



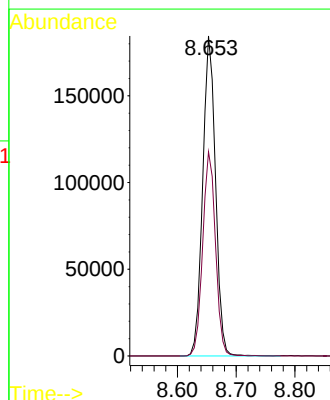
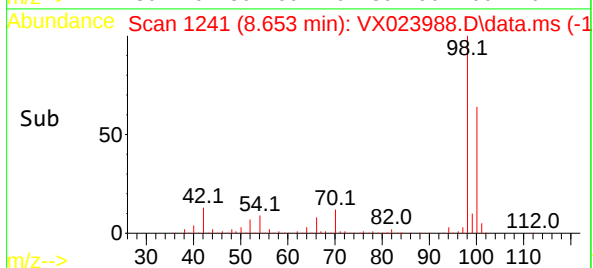
Tgt Ion:117 Resp: 15531
Ion Ratio Lower Upper
117 100
119 5.3 76.2 114.2#
121 0.0 24.8 37.2#

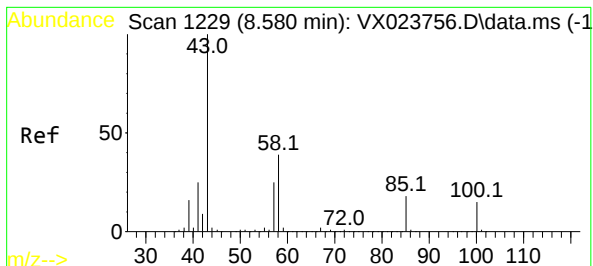


#50
Toluene-d8
Concen: 46.101 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023988.D
Acq: 27 Aug 2021 13:35



Tgt Ion: 98 Resp: 278405
Ion Ratio Lower Upper
98 100
100 63.8 51.9 77.9

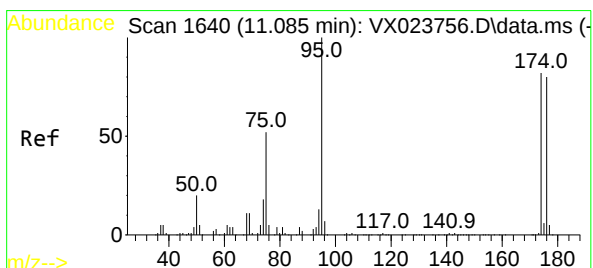
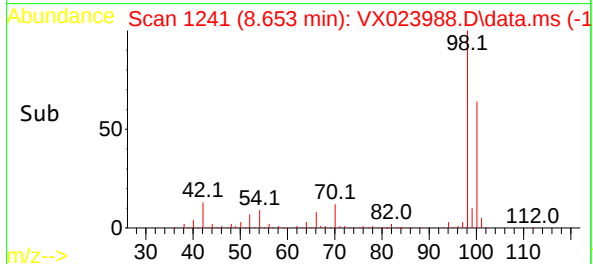
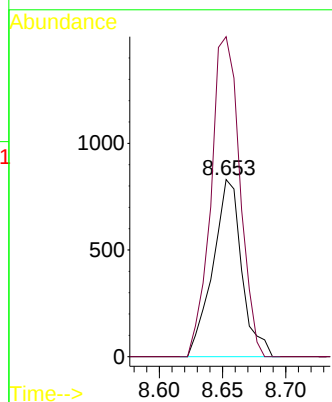
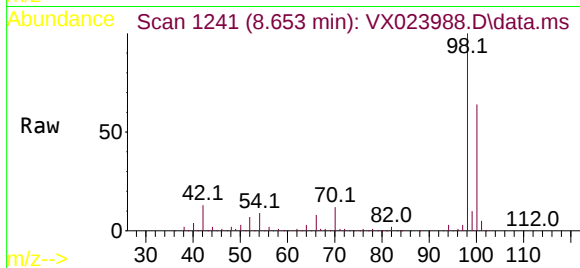




#51
4-Methyl-2-Pentanone
Concen: 0.478 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX023988.D
Acq: 27 Aug 2021 13:35

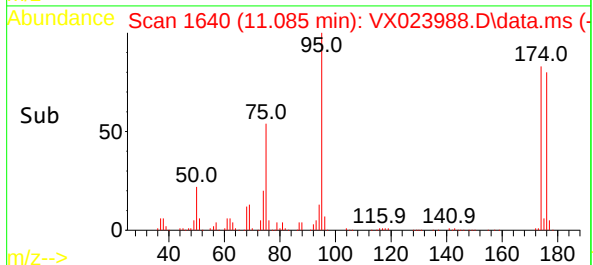
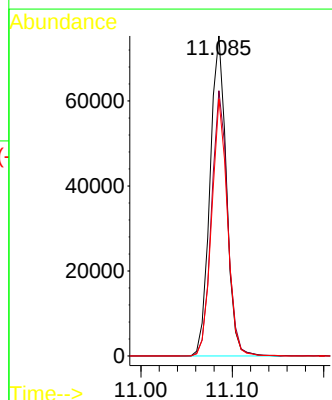
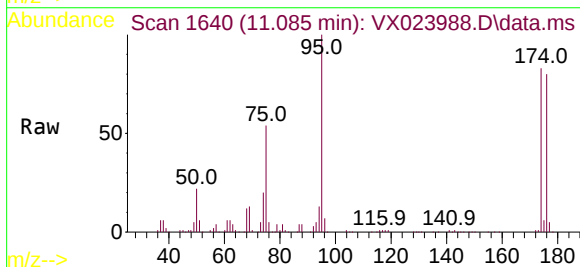
Instrument :
MSVOA_X
ClientSampled :

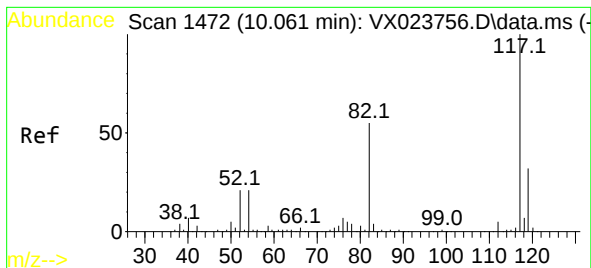
Tgt Ion: 43 Resp: 1320
Ion Ratio Lower Upper
43 100
58 180.7 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 41.995 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023988.D
Acq: 27 Aug 2021 13:35

Tgt Ion: 95 Resp: 93360
Ion Ratio Lower Upper
95 100
174 81.5 0.0 154.6
176 77.2 0.0 155.8

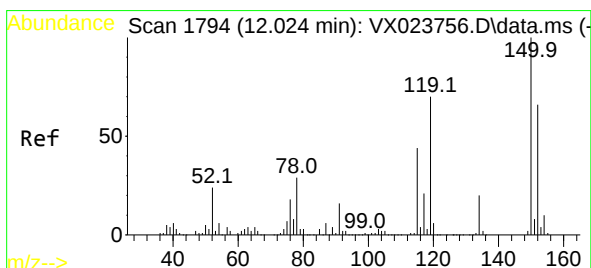
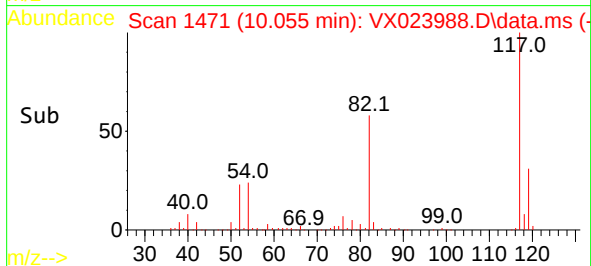
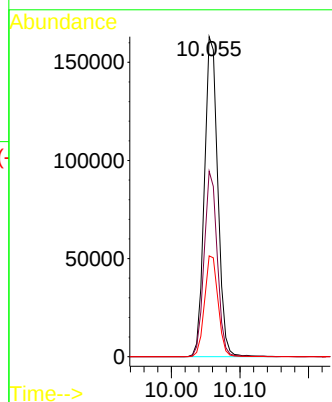
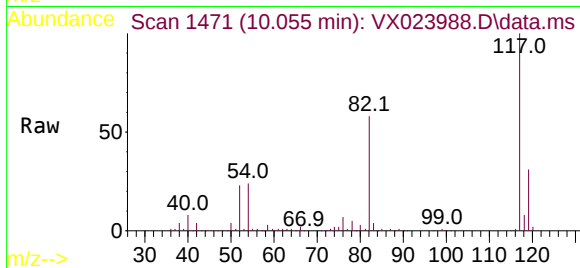




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023988.D
Acq: 27 Aug 2021 13:35

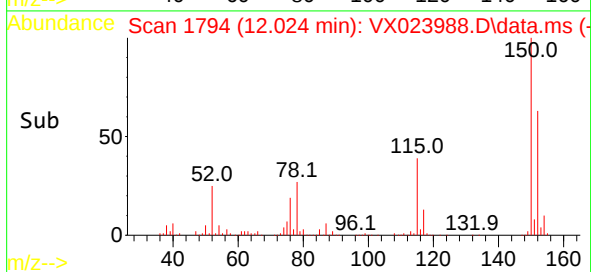
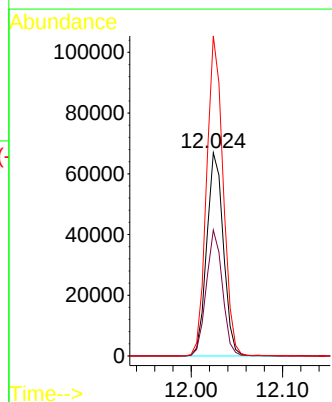
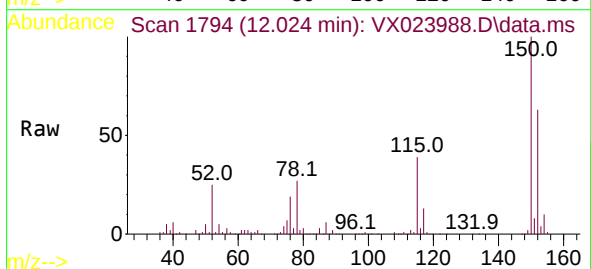
Instrument :
MSVOA_X
ClientSampled :

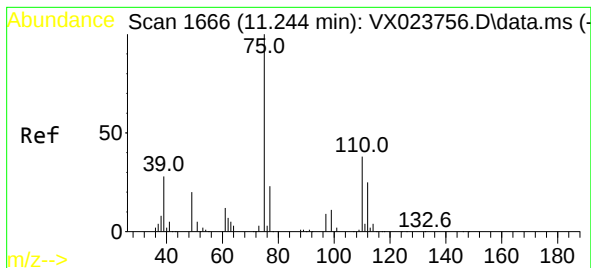
Tgt Ion:117 Resp: 221632
Ion Ratio Lower Upper
117 100
82 57.9 47.4 71.2
119 31.5 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023988.D
Acq: 27 Aug 2021 13:35

Tgt Ion:152 Resp: 84228
Ion Ratio Lower Upper
152 100
115 60.3 41.1 123.3
150 156.3 0.0 349.0

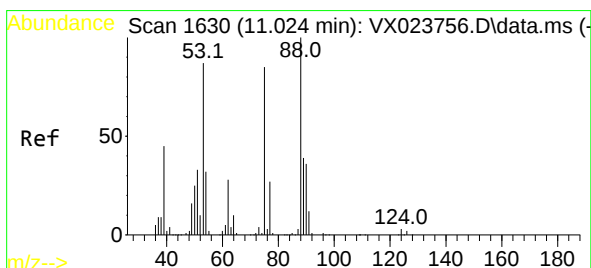
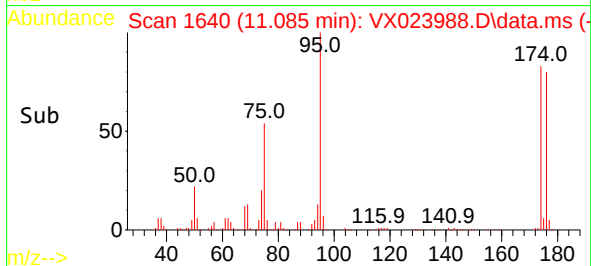
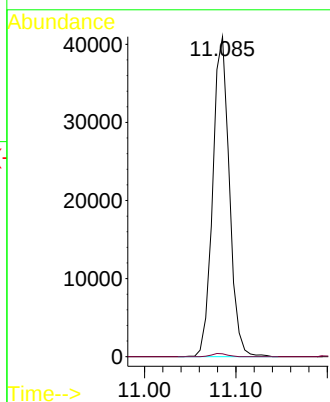
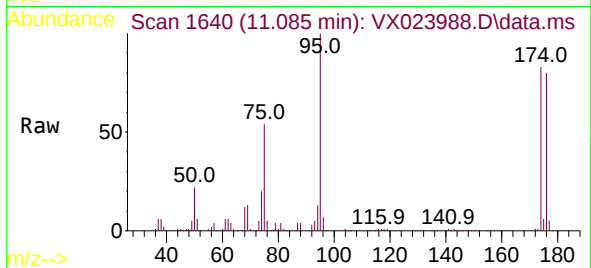




#76
1,2,3-Trichloropropane
Concen: 26.289 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023988.D
Acq: 27 Aug 2021 13:35

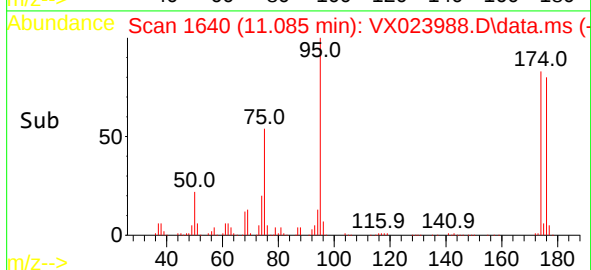
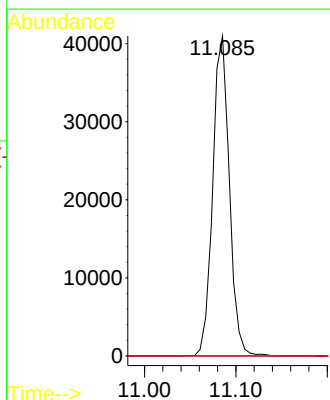
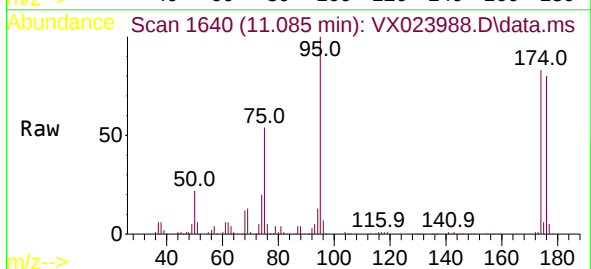
Instrument :
MSVOA_X
ClientSampled :

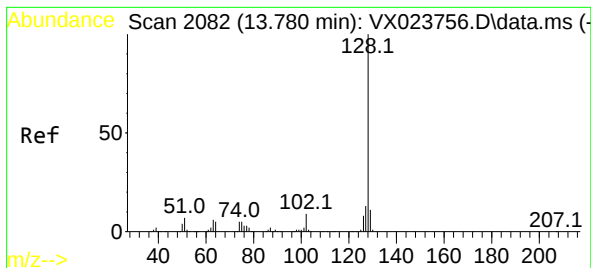
Tgt Ion: 75 Resp: 51653
Ion Ratio Lower Upper
75 100
77 0.9 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.330 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023988.D
Acq: 27 Aug 2021 13:35

Tgt Ion: 75 Resp: 51653
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.297 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX023988.D
Acq: 27 Aug 2021 13:35

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.8	13.2#

