

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062921\
 Data File : VX023002.D
 Acq On : 29 Jun 2021 14:44
 Operator : JC/MD
 Sample : M2875-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 30 01:43:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 19:12:26 2021
 Response via : Initial Calibration

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

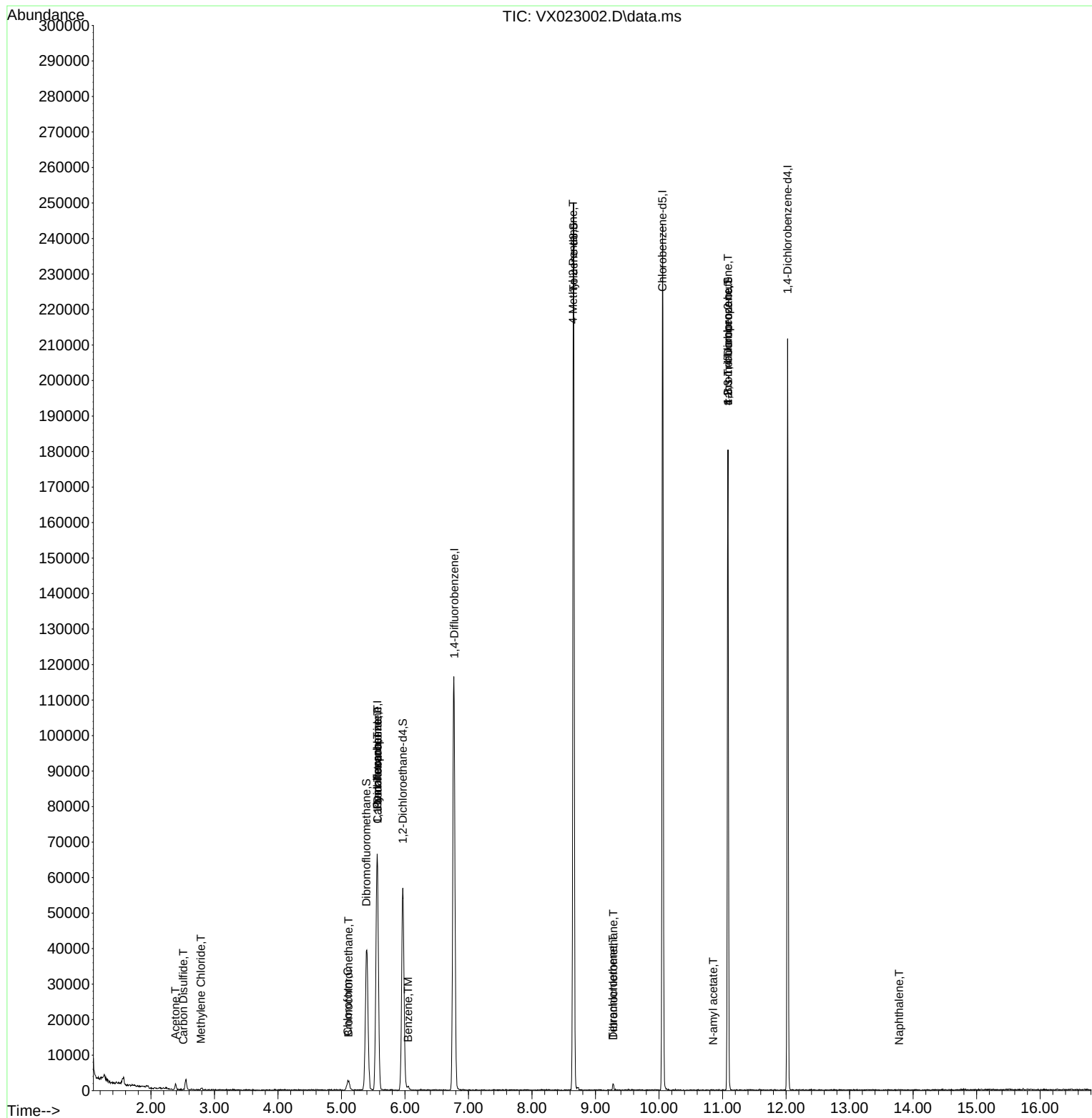
Internal Standards						
1) Pentafluorobenzene	5.562	168	53094	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.775	114	110013	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	97485	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	36023	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	54926	57.004	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 114.000%	
35) Dibromofluoromethane	5.391	113	33932	48.571	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.140%	
50) Toluene-d8	8.653	98	134894	49.268	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 98.540%	
62) 4-Bromofluorobenzene	11.085	95	45785	44.806	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 89.620%	
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	1657	3.879	ug/l #	83
17) Carbon Disulfide	2.507	76	44	3.537	ug/l #	75
20) Methylene Chloride	2.788	84	329	0.758	ug/l #	77
28) Bromochloromethane	5.111	49	182	0.266	ug/l #	9
30) Chloroform	5.098	83	3334	2.279	ug/l	99
31) Cyclohexane	5.562	56	1759	1.293	ug/l #	7
36) 1,1-Dichloropropene	5.568	75	5830	4.989	ug/l #	41
38) Carbon Tetrachloride	5.568	117	6151	6.276	ug/l #	16
40) Benzene	6.050	78	1205	0.358	ug/l #	87
51) 4-Methyl-2-Pentanone	8.647	43	857	0.633	ug/l #	1
60) Dibromochloromethane	9.281	129	336	4.039	ug/l #	11
64) Tetrachloroethene	9.275	164	363	0.530	ug/l #	78
74) N-amyl acetate	10.854	43	31	2.072	ug/l #	38
76) 1,2,3-Trichloropropane	11.085	75	26683	28.043	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	26683	72.393	ug/l #	12
95) Naphthalene	13.780	128	57	1.941	ug/l #	69

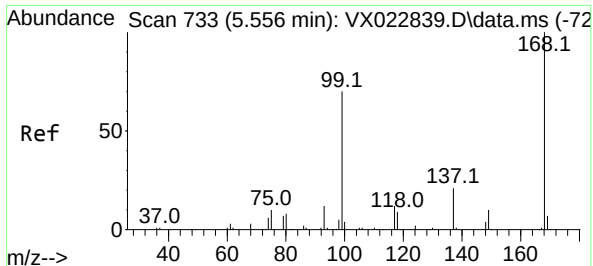
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
ClientSampled :

Quant Time: Jun 30 01:43:49 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 23 19:12:26 2021
Response via : Initial Calibration

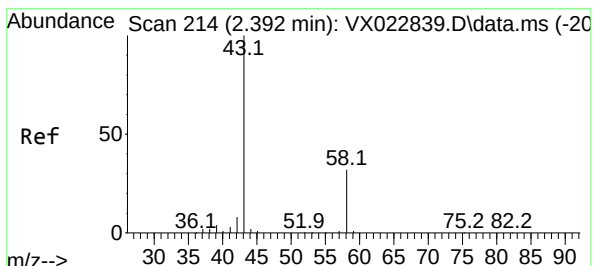
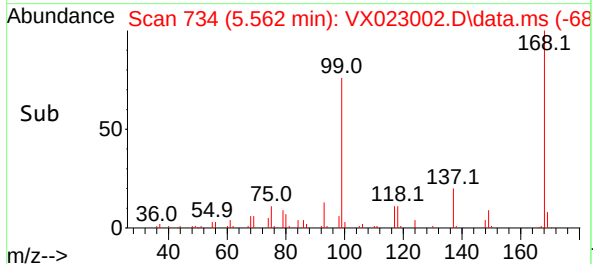
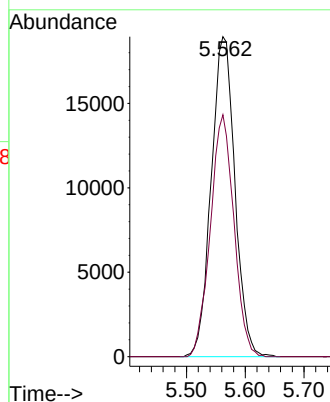
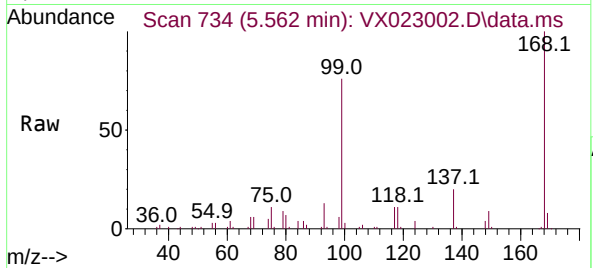




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX023002.D
Acq: 29 Jun 2021 14:44

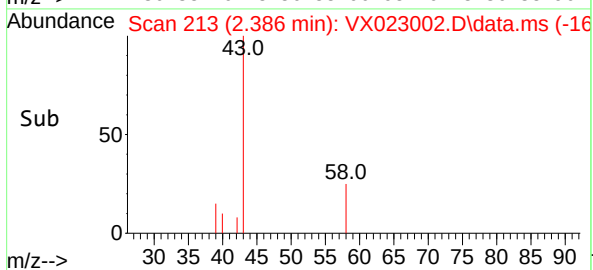
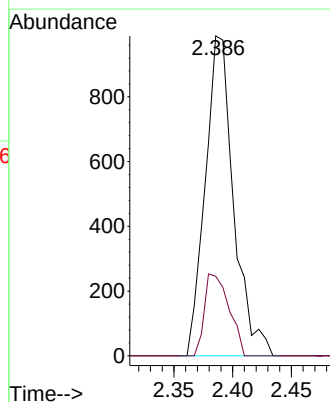
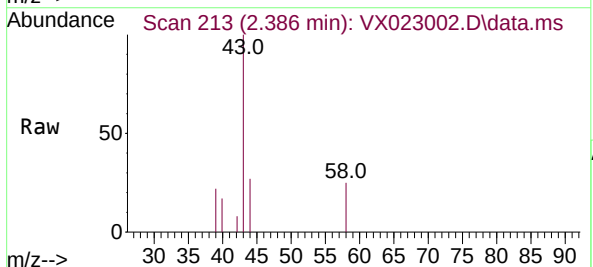
Instrument :
MSVOA_X
ClientSampled :

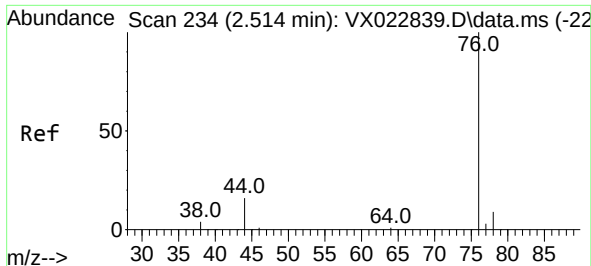
Tgt Ion:168 Resp: 53094
Ion Ratio Lower Upper
168 100
99 75.6 45.8 68.6#



#16
Acetone
Concen: 3.879 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023002.D
Acq: 29 Jun 2021 14:44

Tgt Ion: 43 Resp: 1657
Ion Ratio Lower Upper
43 100
58 24.9 27.8 41.8#

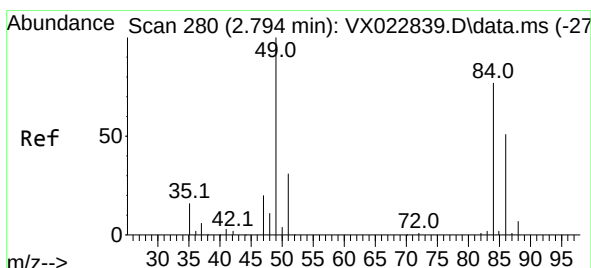
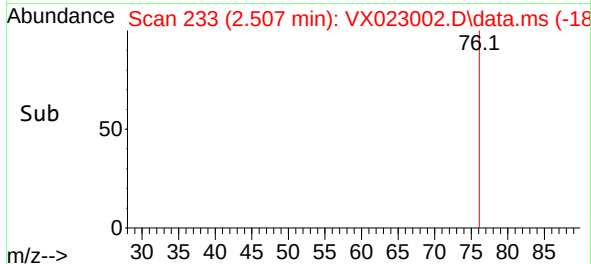
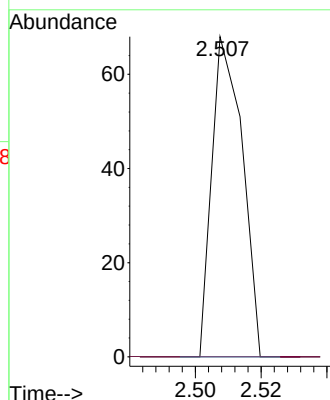
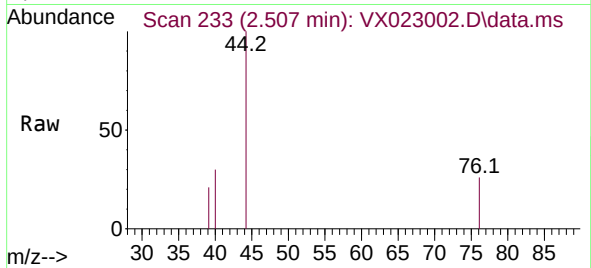




#17
Carbon Disulfide
Concen: 3.537 ug/l
RT: 2.507 min Scan# 233
Delta R.T. -0.007 min
Lab File: VX023002.D
Acq: 29 Jun 2021 14:44

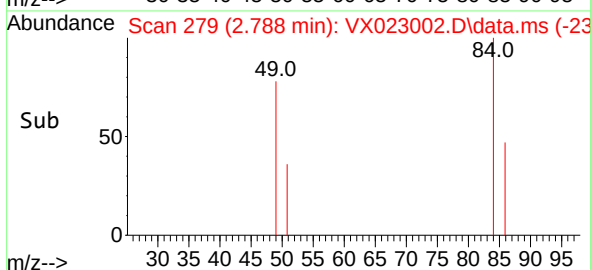
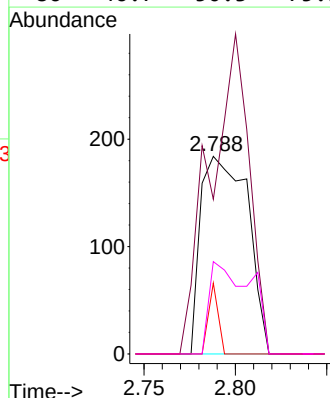
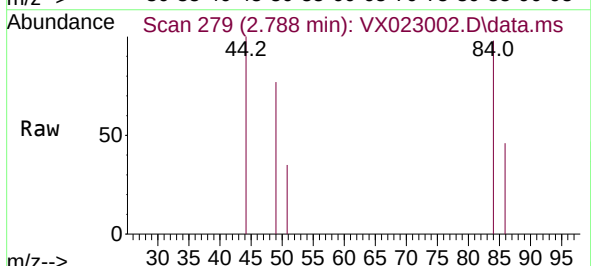
Instrument :
MSVOA_X
ClientSampled :

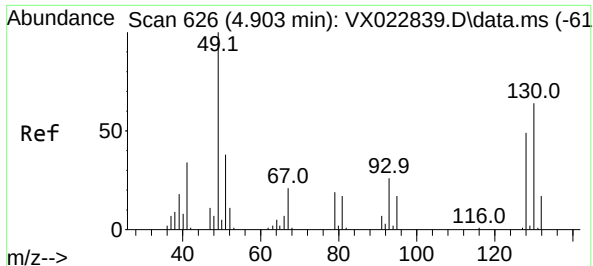
Tgt Ion: 76 Resp: 44
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 0.758 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX023002.D
Acq: 29 Jun 2021 14:44

Tgt Ion: 84 Resp: 329
Ion Ratio Lower Upper
84 100
49 78.3 88.6 132.8#
51 35.9 27.0 40.6
86 46.7 50.3 75.5#

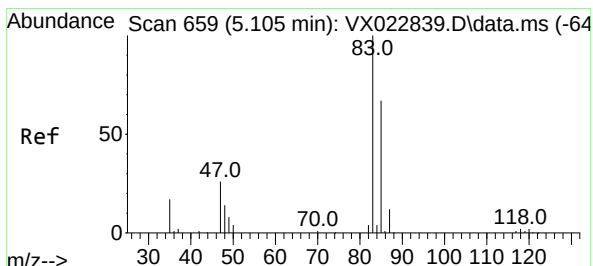
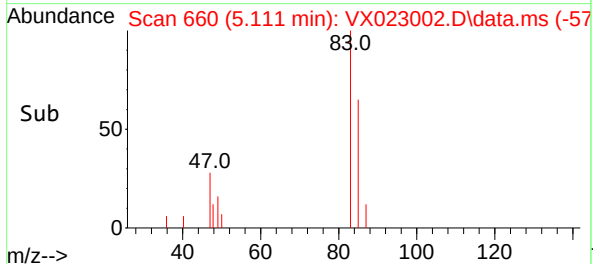
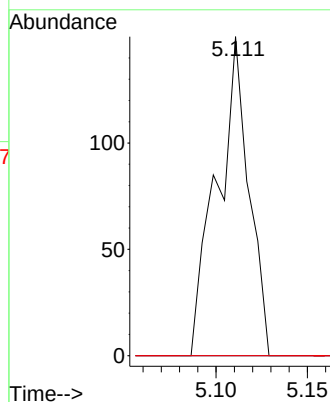
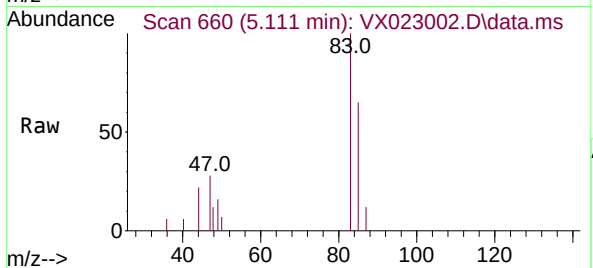




#28
Bromochloromethane
Concen: 0.266 ug/l
RT: 5.111 min Scan# 660
Delta R.T. 0.208 min
Lab File: VX023002.D
Acq: 29 Jun 2021 14:44

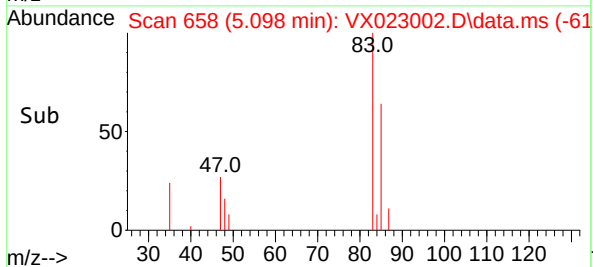
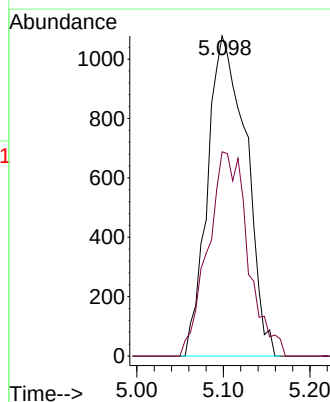
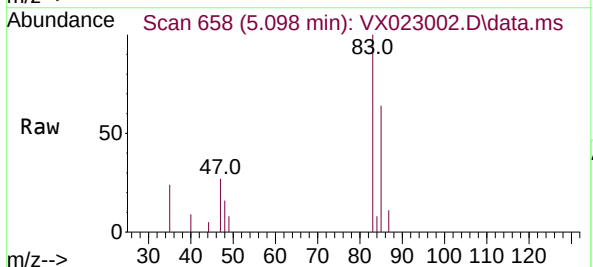
Instrument :
MSVOA_X
ClientSampled :

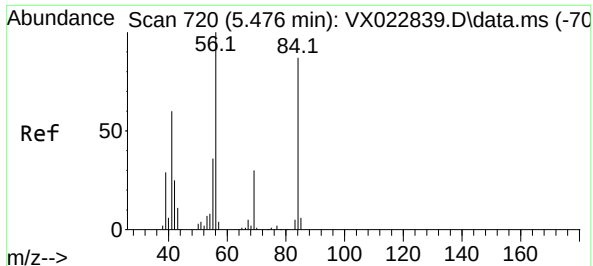
Tgt Ion: 49 Resp: 182
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 0.0 68.2 102.2#



#30
Chloroform
Concen: 2.279 ug/l
RT: 5.098 min Scan# 658
Delta R.T. -0.007 min
Lab File: VX023002.D
Acq: 29 Jun 2021 14:44

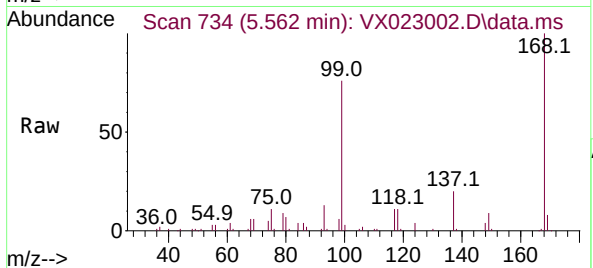
Tgt Ion: 83 Resp: 3334
Ion Ratio Lower Upper
83 100
85 63.8 52.0 78.0



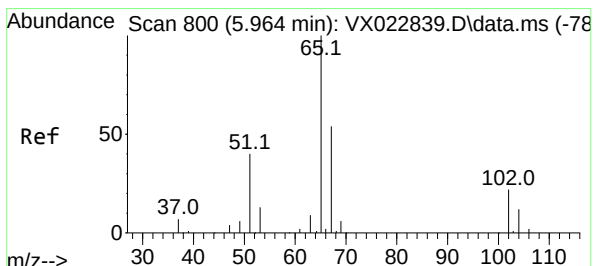
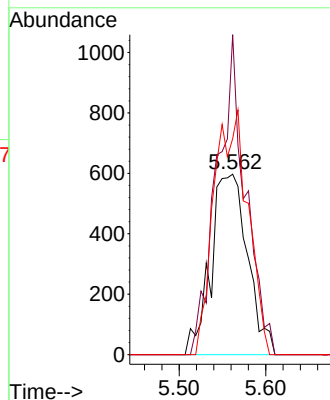
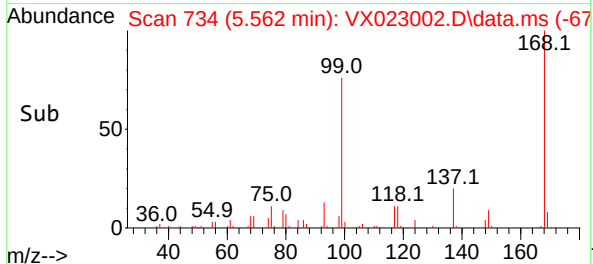


#31
Cyclohexane
Concen: 1.293 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.086 min
Lab File: VX023002.D
Acq: 29 Jun 2021 14:44

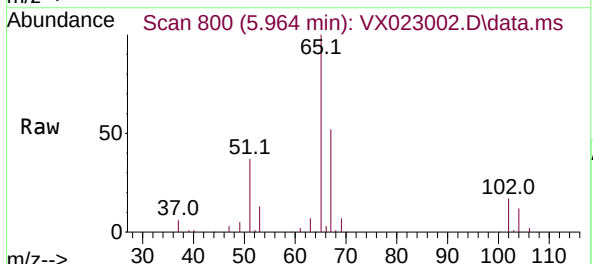
Instrument :
MSVOA_X
ClientSampled :



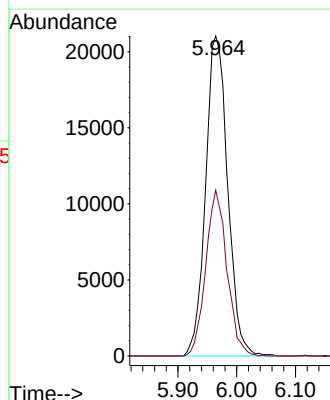
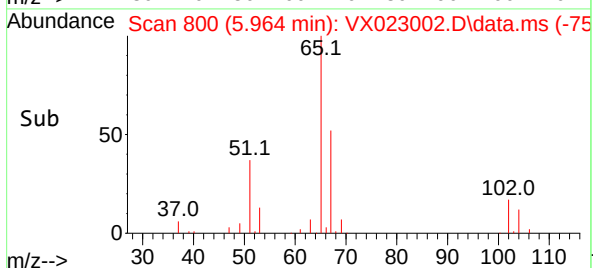
Tgt Ion: 56 Resp: 1759
Ion Ratio Lower Upper
56 100
69 177.4 25.3 37.9#
84 119.8 71.4 107.0#

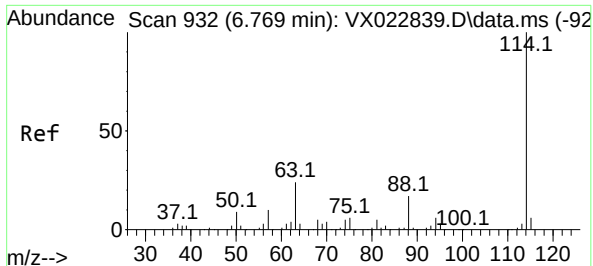


#33
1,2-Dichloroethane-d4
Concen: 57.004 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023002.D
Acq: 29 Jun 2021 14:44



Tgt Ion: 65 Resp: 54926
Ion Ratio Lower Upper
65 100
67 49.9 0.0 105.4

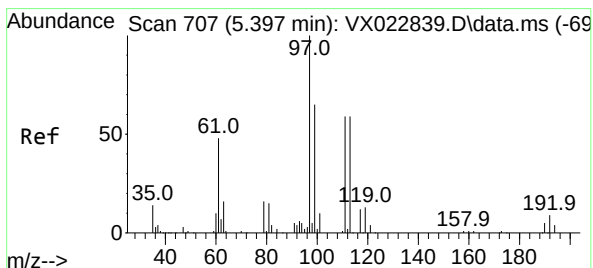
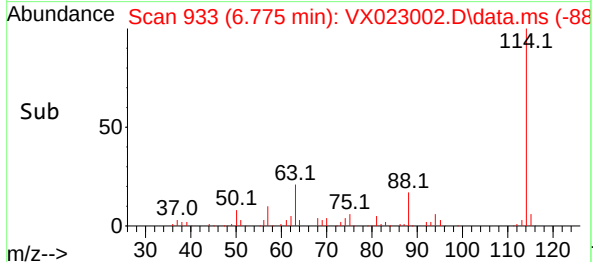
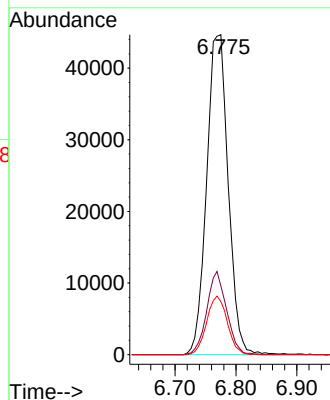
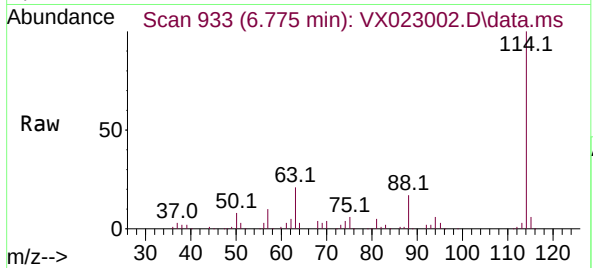




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.775 min Scan# 933
Delta R.T. 0.006 min
Lab File: VX023002.D
Acq: 29 Jun 2021 14:44

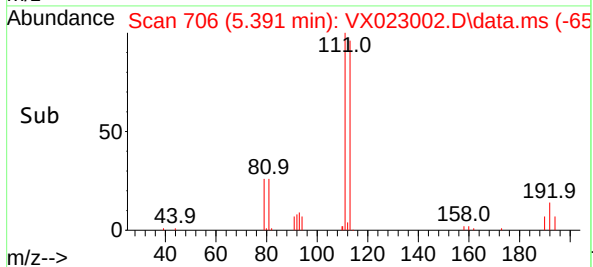
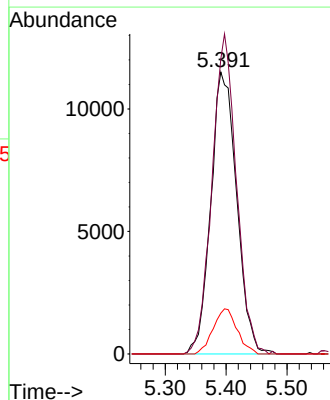
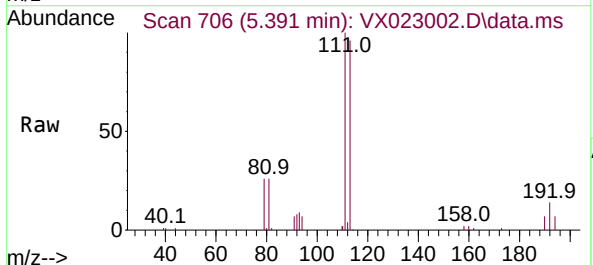
Instrument :
MSVOA_X
ClientSampled :

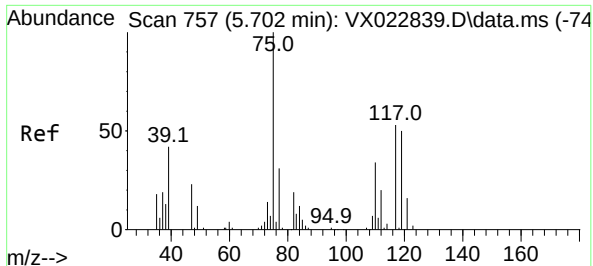
Tgt Ion:114 Resp: 110013
Ion Ratio Lower Upper
114 100
63 21.5 0.0 40.8
88 16.6 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.571 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX023002.D
Acq: 29 Jun 2021 14:44

Tgt Ion:113 Resp: 33932
Ion Ratio Lower Upper
113 100
111 107.2 81.9 122.9
192 14.9 16.7 25.1#





#36

1,1-Dichloropropene

Concen: 4.989 ug/l

RT: 5.568 min Scan# 735

Delta R.T. -0.134 min

Lab File: VX023002.D

Acq: 29 Jun 2021 14:44

Tgt Ion: 75 Resp: 5830

Ion Ratio Lower Upper

75 100

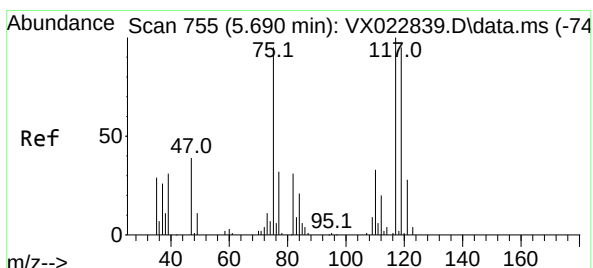
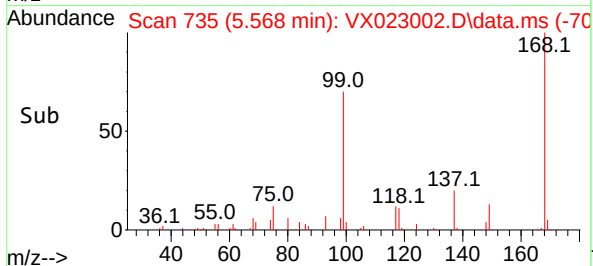
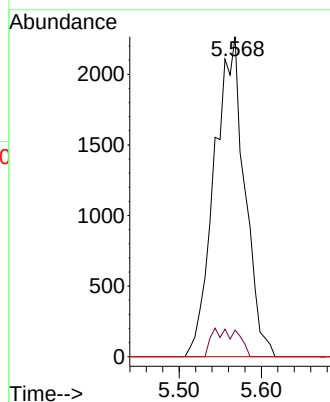
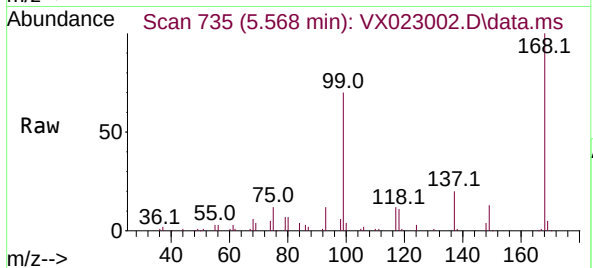
110 0.0 18.1 54.4#

77 0.0 25.3 37.9#

Instrument :

MSVOA_X

ClientSampled :



#38

Carbon Tetrachloride

Concen: 6.276 ug/l

RT: 5.568 min Scan# 735

Delta R.T. -0.122 min

Lab File: VX023002.D

Acq: 29 Jun 2021 14:44

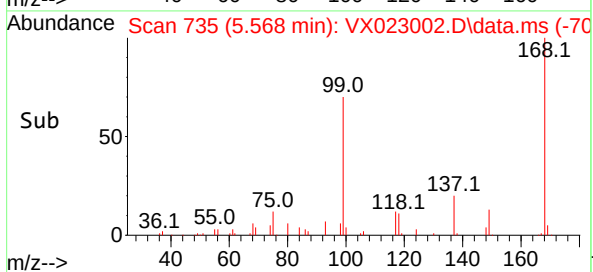
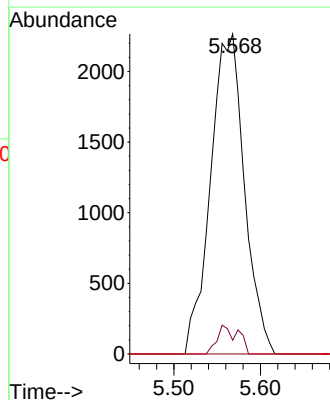
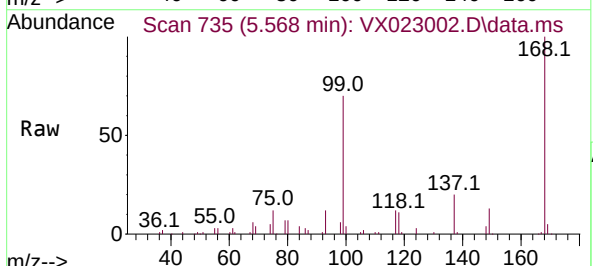
Tgt Ion: 117 Resp: 6151

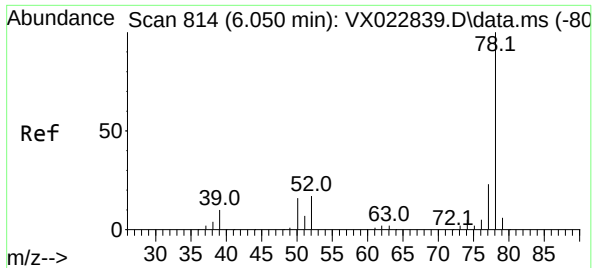
Ion Ratio Lower Upper

117 100

119 4.3 76.2 114.2#

121 0.0 24.8 37.2#

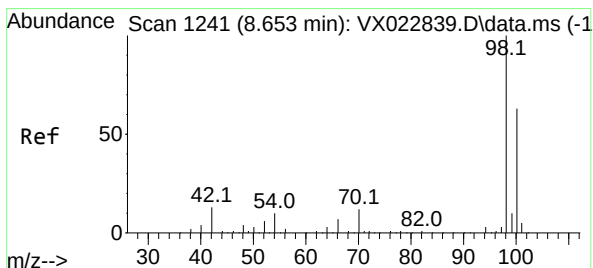
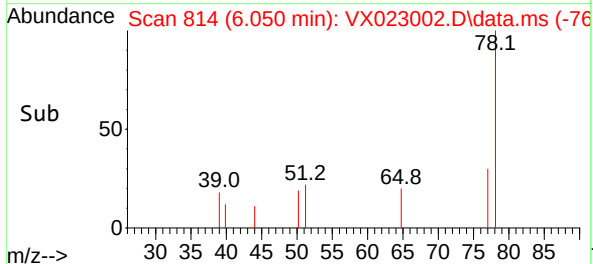
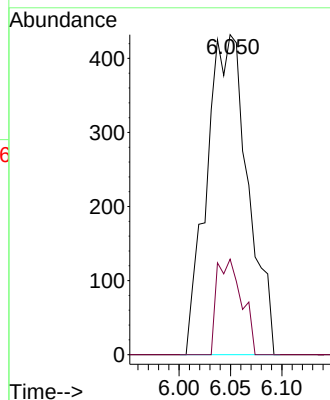
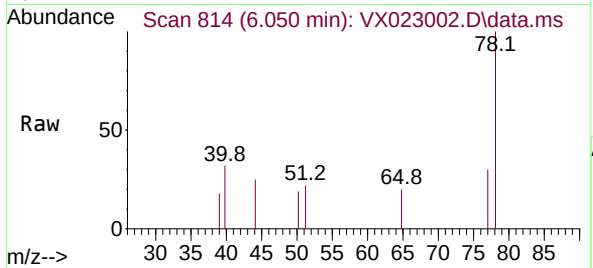




#40
Benzene
Concen: 0.358 ug/l
RT: 6.050 min Scan# 814
Delta R.T. -0.000 min
Lab File: VX023002.D
Acq: 29 Jun 2021 14:44

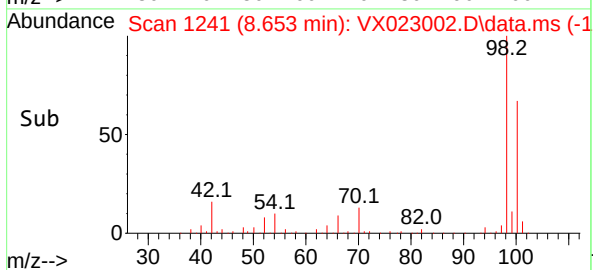
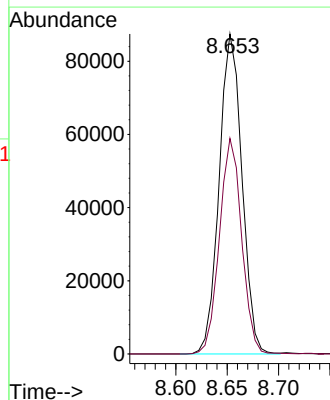
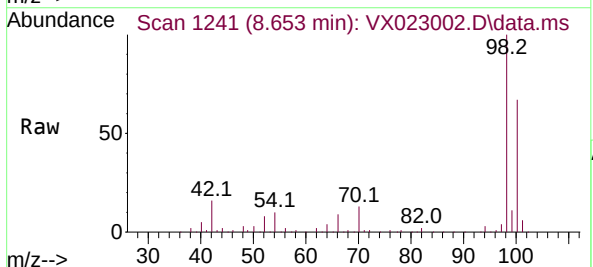
Instrument :
MSVOA_X
ClientSampled :

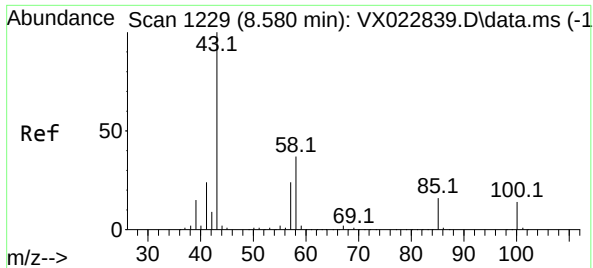
Tgt Ion: 78 Resp: 1205
Ion Ratio Lower Upper
78 100
77 29.9 18.9 28.3#



#50
Toluene-d8
Concen: 49.268 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023002.D
Acq: 29 Jun 2021 14:44

Tgt Ion: 98 Resp: 134894
Ion Ratio Lower Upper
98 100
100 65.5 51.9 77.9

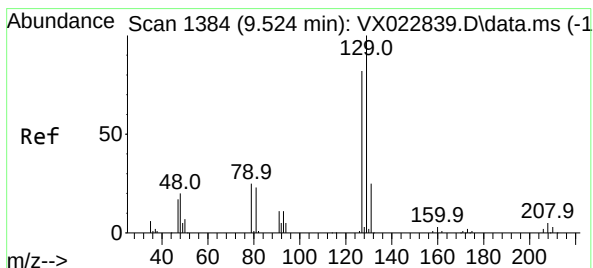
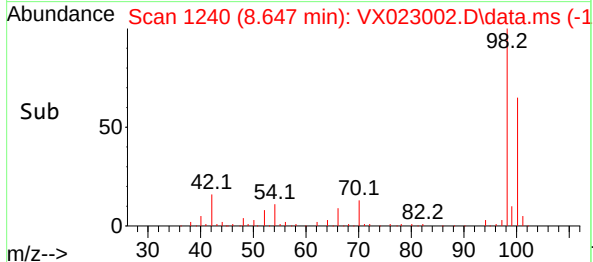
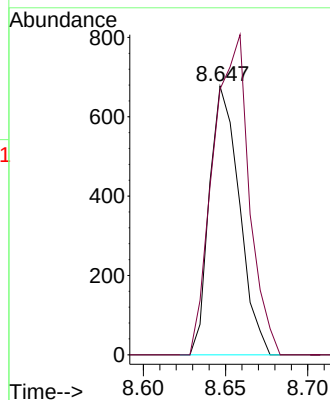
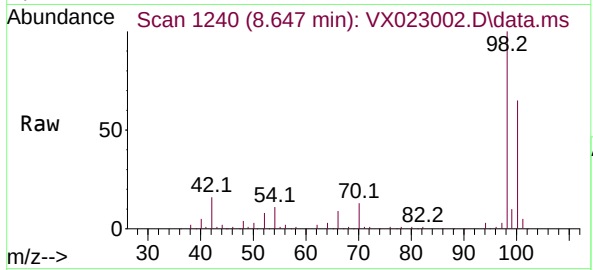




#51
4-Methyl-2-Pentanone
Concen: 0.633 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX023002.D
Acq: 29 Jun 2021 14:44

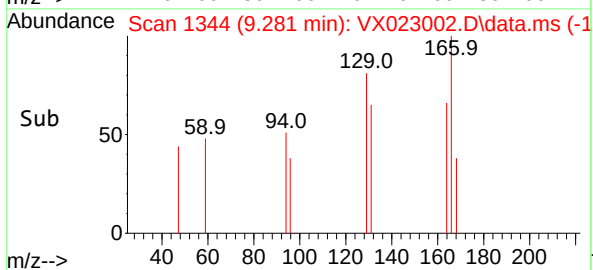
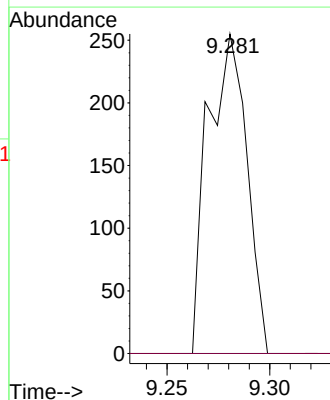
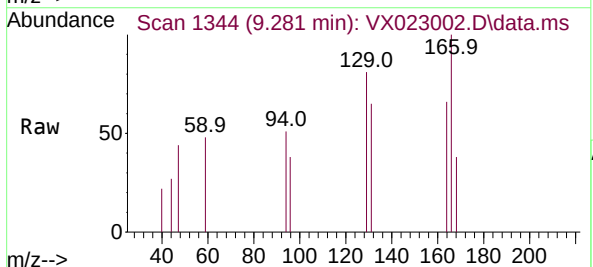
Instrument :
MSVOA_X
ClientSampled :

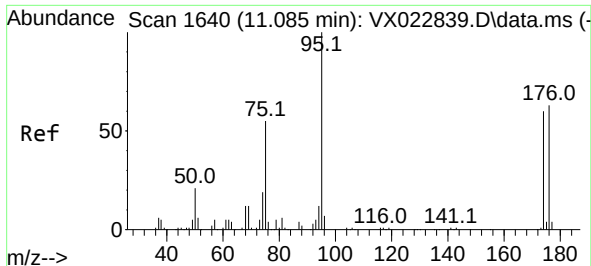
Tgt Ion: 43 Resp: 857
Ion Ratio Lower Upper
43 100
58 142.8 35.4 53.0#



#60
Dibromochloromethane
Concen: 4.039 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.243 min
Lab File: VX023002.D
Acq: 29 Jun 2021 14:44

Tgt Ion: 129 Resp: 336
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

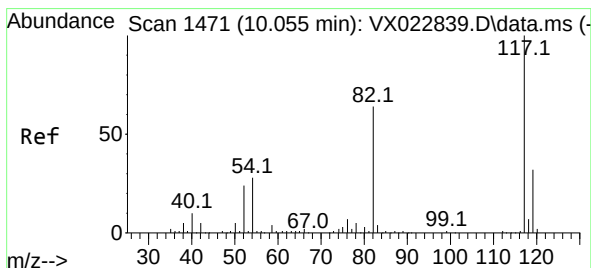
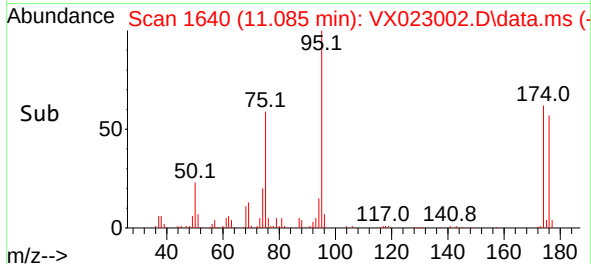
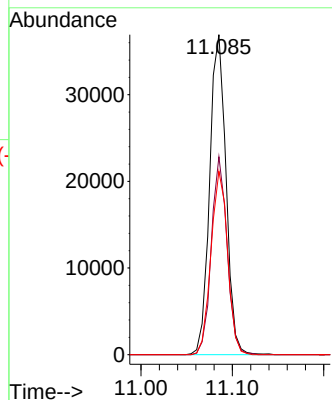
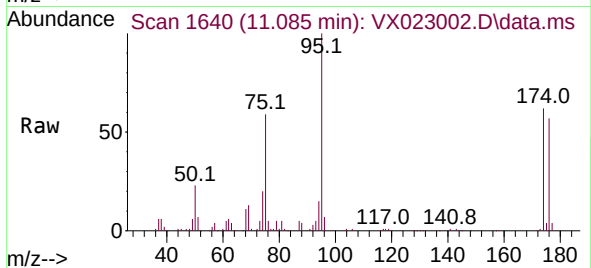




#62
4-Bromofluorobenzene
Concen: 44.806 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023002.D
Acq: 29 Jun 2021 14:44

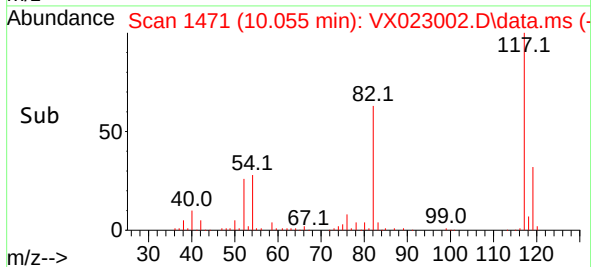
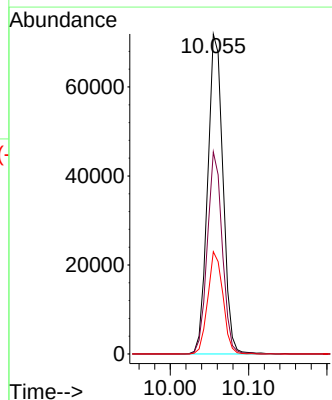
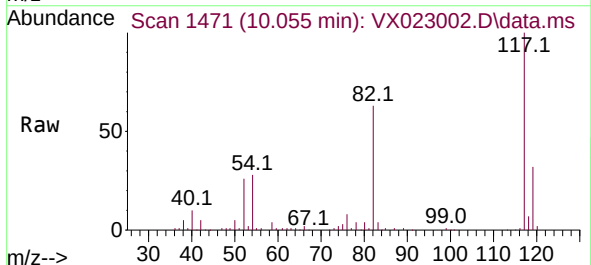
Instrument :
MSVOA_X
ClientSampled :

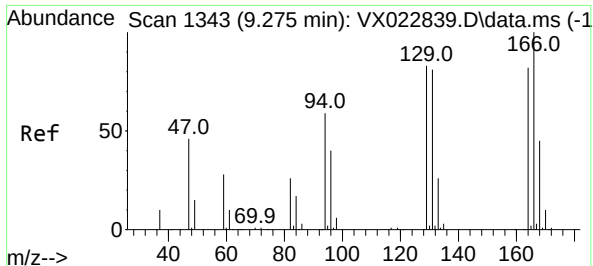
Tgt Ion: 95 Resp: 45785
Ion Ratio Lower Upper
95 100
174 59.3 0.0 154.6
176 58.2 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX023002.D
Acq: 29 Jun 2021 14:44

Tgt Ion: 117 Resp: 97485
Ion Ratio Lower Upper
117 100
82 63.2 47.4 71.2
119 32.0 26.6 39.8



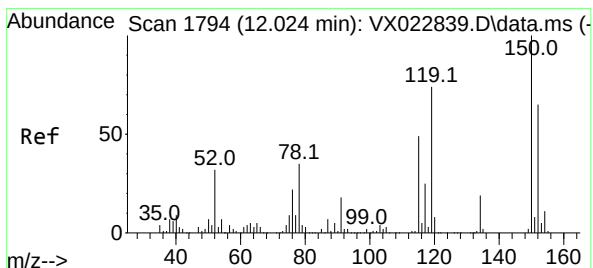
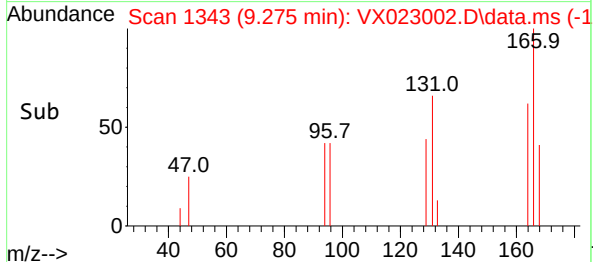
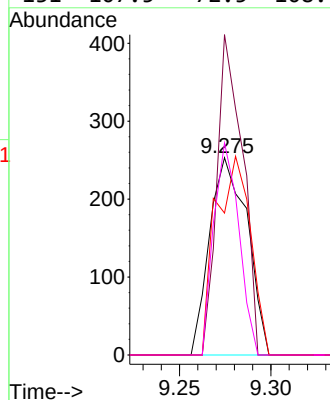
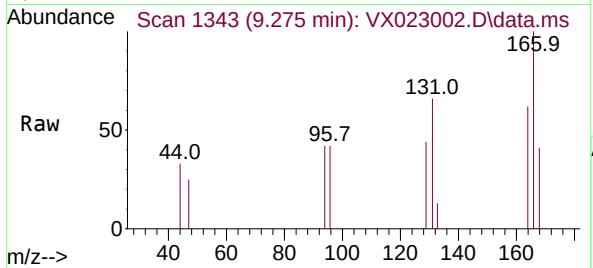


#64
Tetrachloroethene
Concen: 0.530 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX023002.D
Acq: 29 Jun 2021 14:44

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion:164 Resp: 363

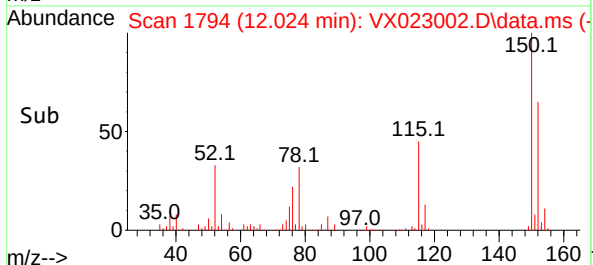
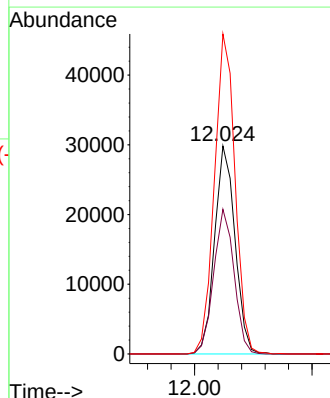
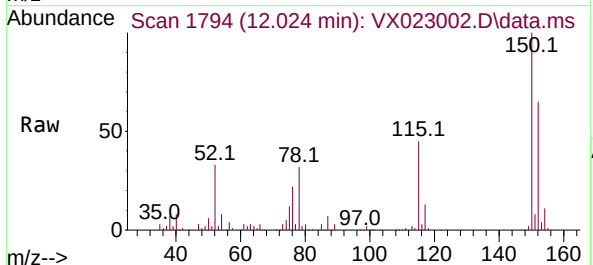
Ion	Ratio	Lower	Upper
164	100		
166	162.5	103.4	155.2#
129	71.9	70.8	106.2
131	107.5	72.5	108.7

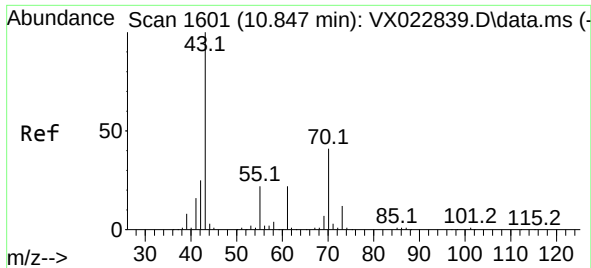


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023002.D
Acq: 29 Jun 2021 14:44

Tgt Ion:152 Resp: 36023

Ion	Ratio	Lower	Upper
152	100		
115	69.5	41.1	123.3
150	155.2	0.0	349.0

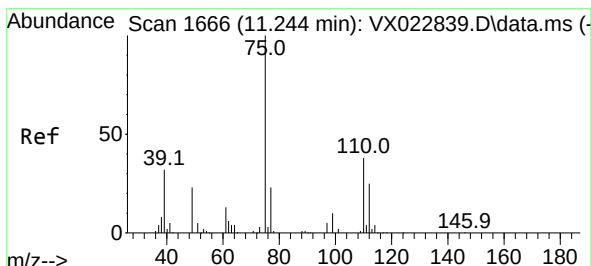
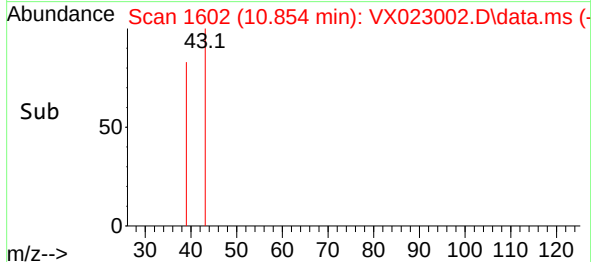
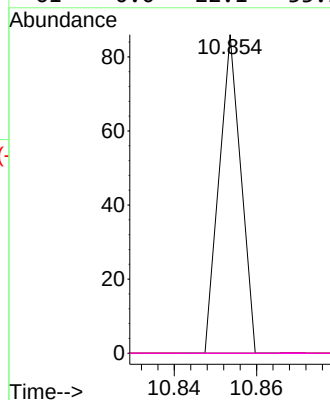
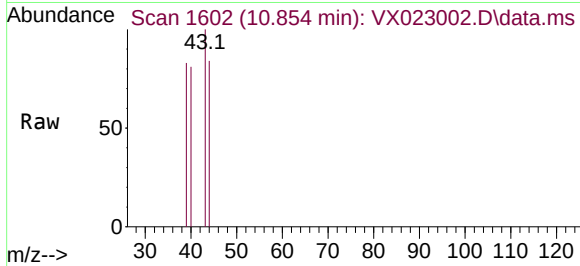




#74
N-amy1 acetate
Concen: 2.072 ug/l
RT: 10.854 min Scan# 1602
Delta R.T. 0.007 min
Lab File: VX023002.D
Acq: 29 Jun 2021 14:44

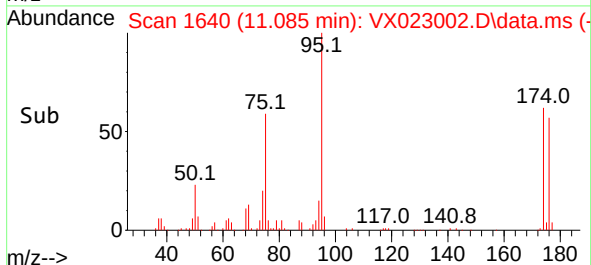
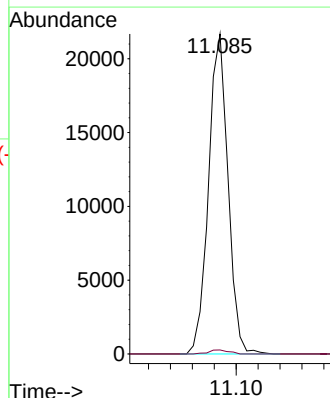
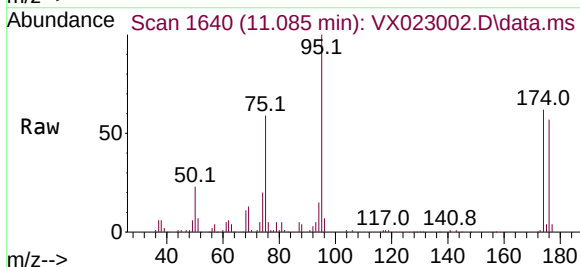
Instrument :
MSVOA_X
ClientSampled :

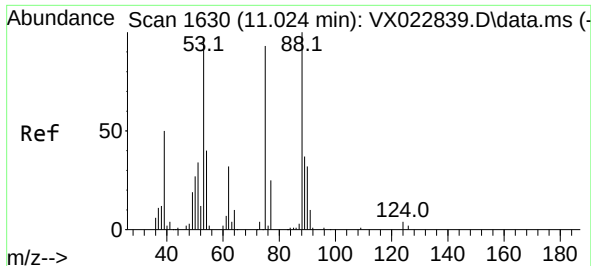
Tgt Ion: 43	Resp:	31
Ion	Ratio	Lower Upper
43	100	
70	0.0	39.0 58.6#
55	0.0	21.5 32.3#
61	0.0	22.1 33.1#



#76
1,2,3-Trichloropropane
Concen: 28.043 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023002.D
Acq: 29 Jun 2021 14:44

Tgt Ion: 75	Resp:	26683
Ion	Ratio	Lower Upper
75	100	
77	1.3	19.1 57.5#

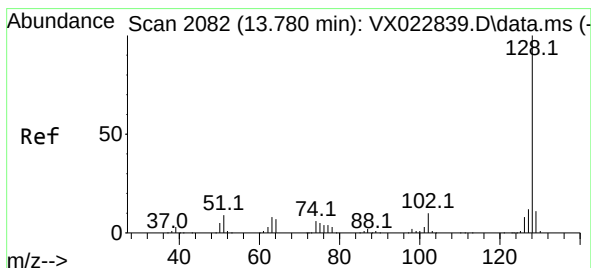
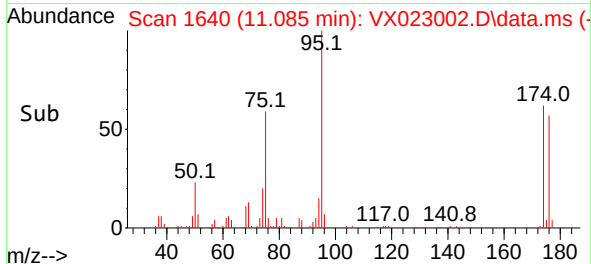
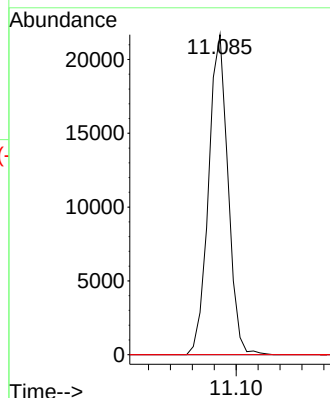
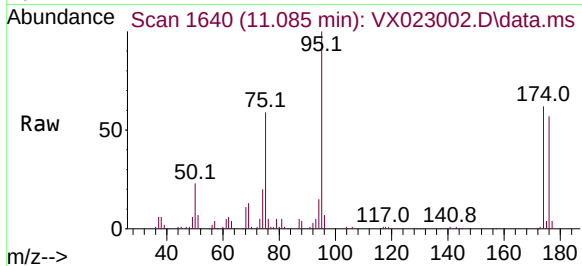




#81
trans-1,4-Dichloro-2-butene
Concen: 72.393 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023002.D
Acq: 29 Jun 2021 14:44

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 26683
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.941 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX023002.D
Acq: 29 Jun 2021 14:44

Tgt Ion: 128 Resp: 57
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

