

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090321\
 Data File : VX024098.D
 Acq On : 03 Sep 2021 13:31
 Operator : JC/MD
 Sample : M3646-14 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 04 01:28:07 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	143123	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	234881	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	220805	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95093	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	98883	49.502	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.000%
35) Dibromofluoromethane	5.397	113	76857	49.438	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.880%
50) Toluene-d8	8.653	98	283012	47.831	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.660%
62) 4-Bromofluorobenzene	11.085	95	101745	46.711	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.420%

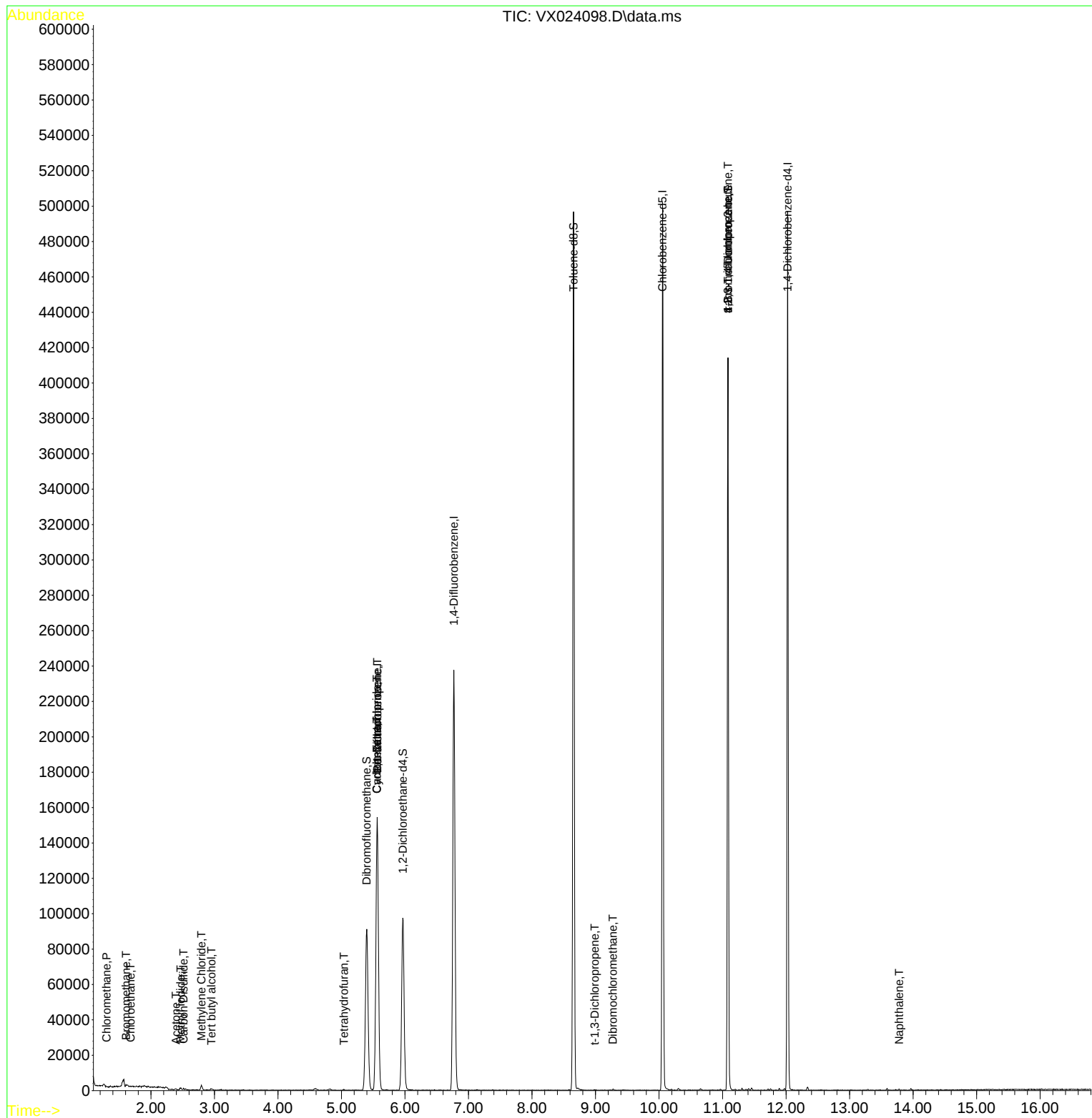
Target Compounds				Qvalue		
3) Chloromethane	1.301	50	343	0.207	ug/l #	78
5) Bromomethane	1.605	94	744	0.732	ug/l #	76
6) Chloroethane	1.679	64	76	2.271	ug/l #	43
10) Methyl Iodide	2.465	142	1246	0.623	ug/l #	87
11) Tert butyl alcohol	2.953	59	586	1.451	ug/l #	73
16) Acetone	2.392	43	780	0.873	ug/l	95
17) Carbon Disulfide	2.514	76	917	0.280	ug/l #	92
20) Methylene Chloride	2.794	84	1204	0.706	ug/l #	92
29) Tetrahydrofuran	5.038	42	191	0.218	ug/l #	27
31) Cyclohexane	5.556	56	3351	1.306	ug/l #	30
36) 1,1-Dichloropropene	5.562	75	11073	5.091	ug/l #	50
38) Carbon Tetrachloride	5.556	117	14391	6.345	ug/l #	16
53) t-1,3-Dichloropropene	8.988	75	91	2.168	ug/l #	44
60) Dibromochloromethane	9.275	129	194	1.787	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	56826	25.617	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	56826	75.354	ug/l #	12
95) Naphthalene	13.780	128	584	1.364	ug/l #	76

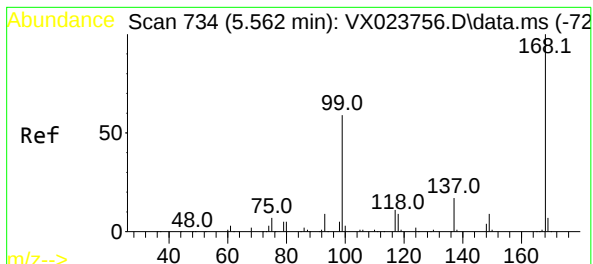
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

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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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.000 min

Lab File: VX024098.D

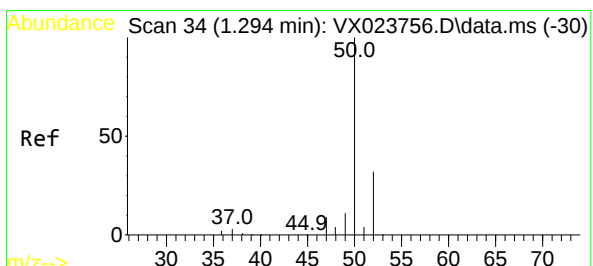
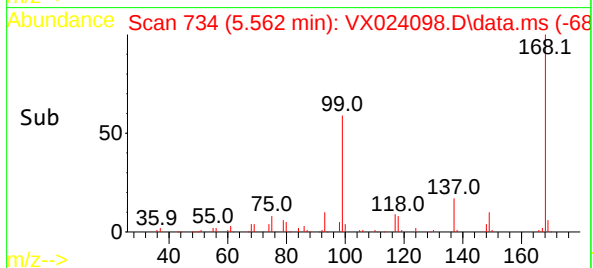
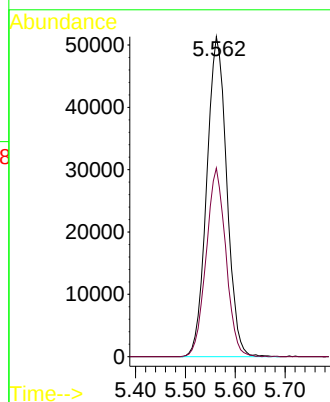
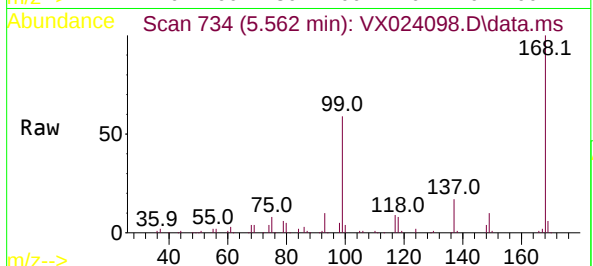
Acq: 03 Sep 2021 13:31

Tgt Ion:168 Resp: 143123

Ion Ratio Lower Upper

168 100

99 58.9 45.8 68.6



#3

Chloromethane

Concen: 0.207 ug/l

RT: 1.301 min Scan# 35

Delta R.T. 0.007 min

Lab File: VX024098.D

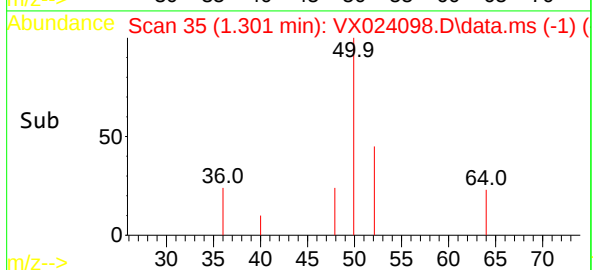
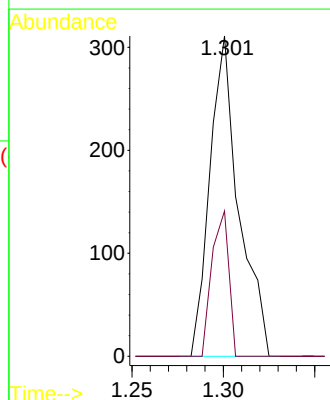
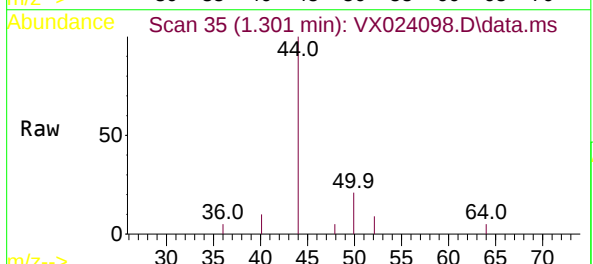
Acq: 03 Sep 2021 13:31

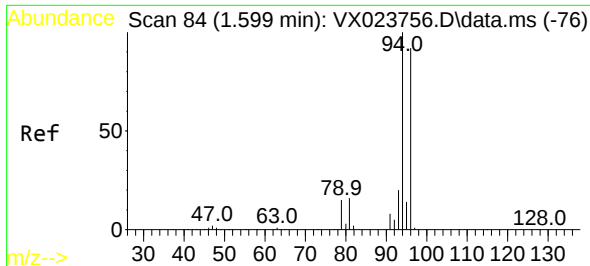
Tgt Ion: 50 Resp: 343

Ion Ratio Lower Upper

50 100

52 45.3 26.4 39.6#

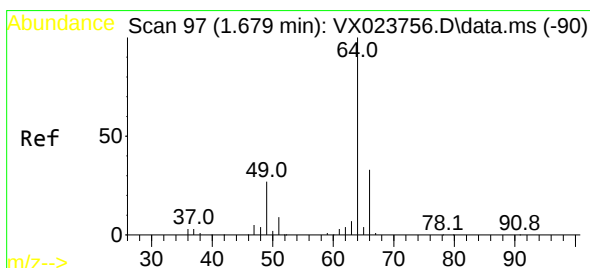
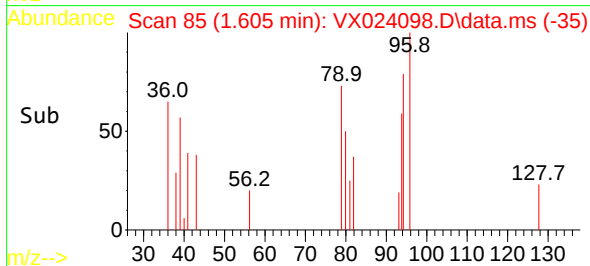
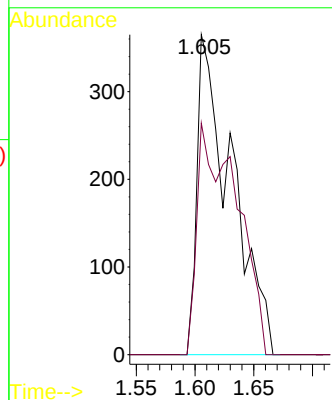
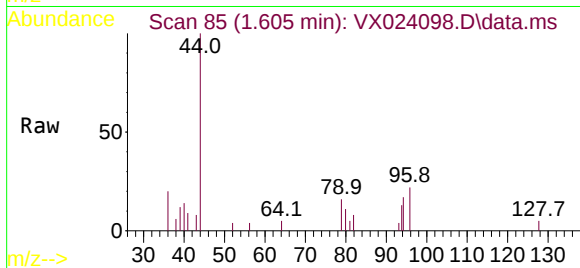




#5
Bromomethane
Concen: 0.732 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX024098.D
Acq: 03 Sep 2021 13:31

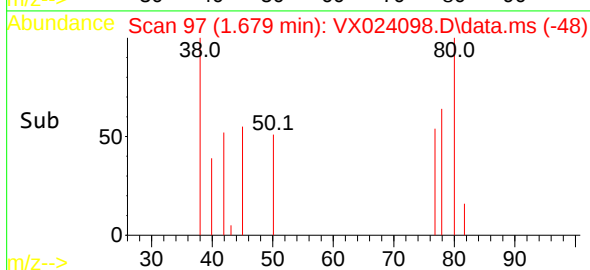
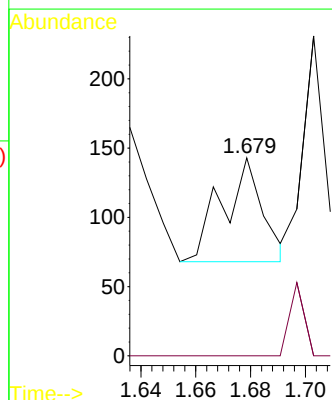
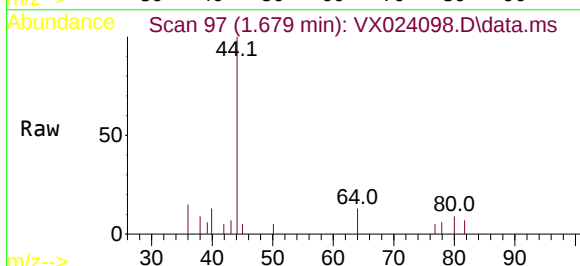
Instrument :
MSVOA_X
ClientSampled :

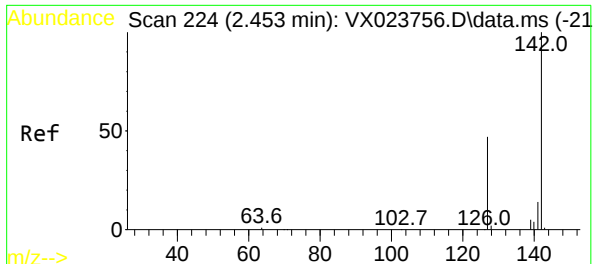
Tgt Ion: 94 Resp: 744
Ion Ratio Lower Upper
94 100
96 72.3 76.4 114.6#



#6
Chloroethane
Concen: 2.271 ug/l
RT: 1.679 min Scan# 97
Delta R.T. -0.000 min
Lab File: VX024098.D
Acq: 03 Sep 2021 13:31

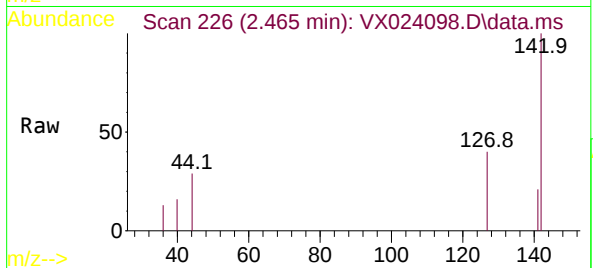
Tgt Ion: 64 Resp: 76
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



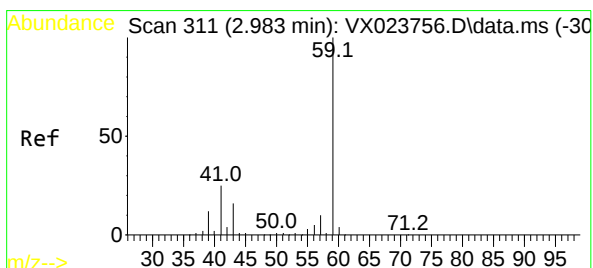
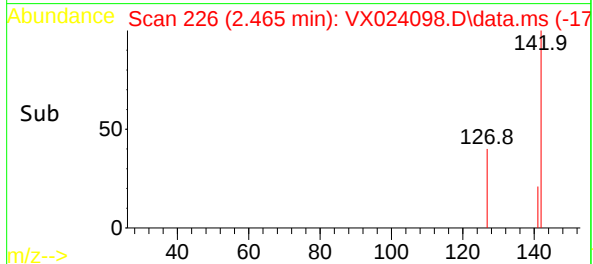
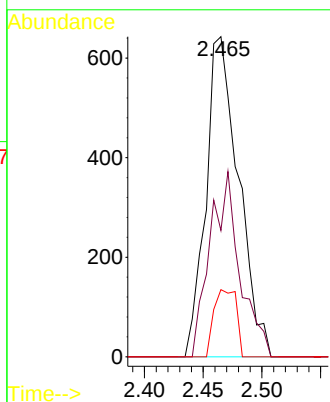


#10
Methyl Iodide
Concen: 0.623 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX024098.D
Acq: 03 Sep 2021 13:31

Instrument :
MSVOA_X
ClientSampled :

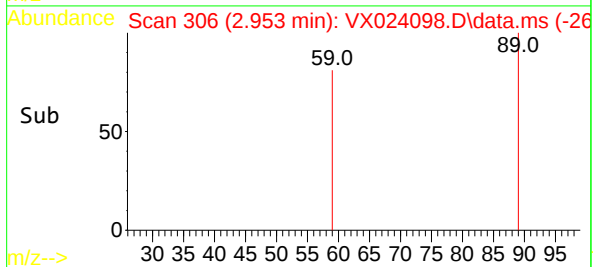
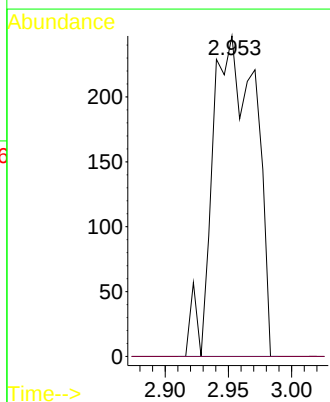
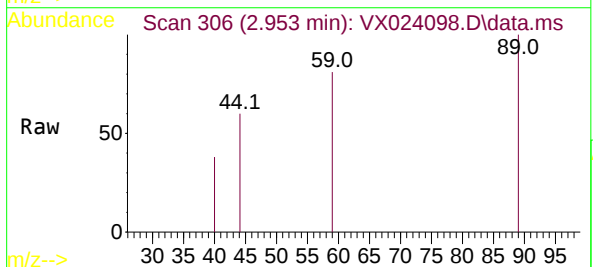


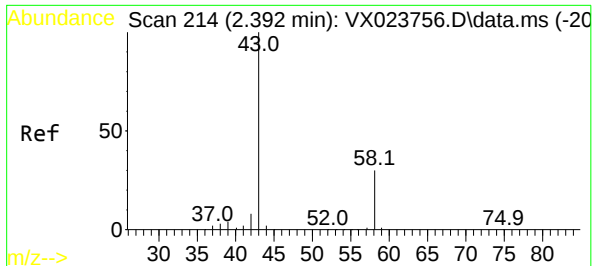
Tgt Ion:142 Resp: 1246
Ion Ratio Lower Upper
142 100
127 52.6 33.3 49.9#
141 14.4 11.4 17.0



#11
Tert butyl alcohol
Concen: 1.451 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX024098.D
Acq: 03 Sep 2021 13:31

Tgt Ion: 59 Resp: 586
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

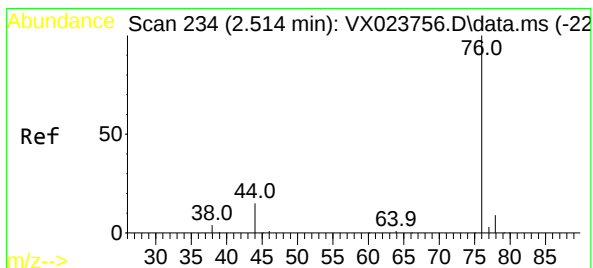
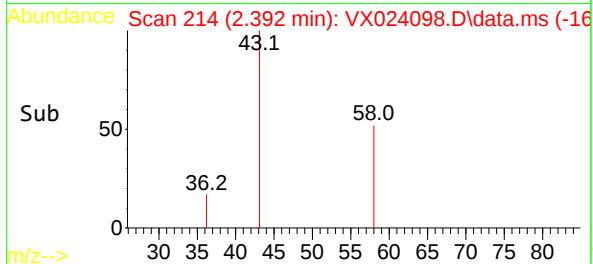
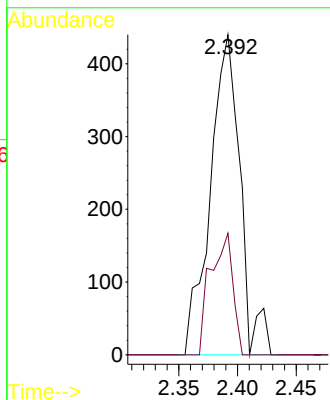
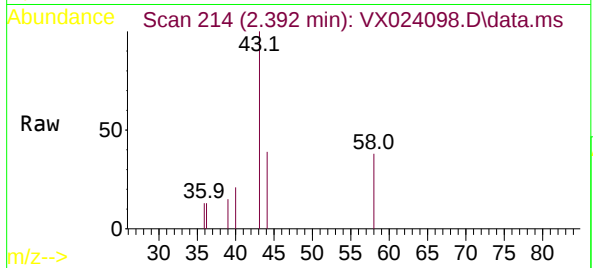




#16
Acetone
Concen: 0.873 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX024098.D
Acq: 03 Sep 2021 13:31

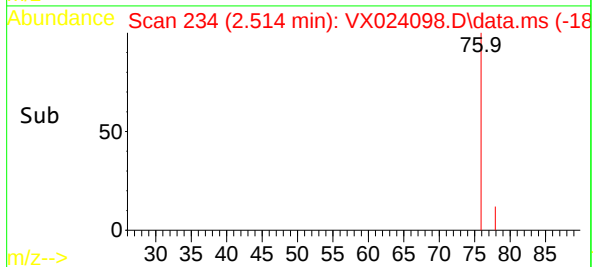
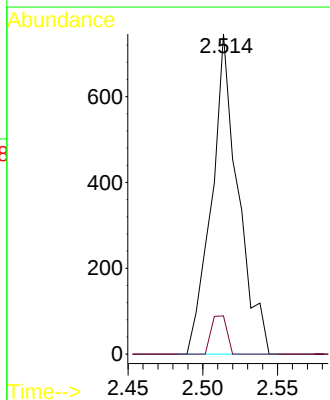
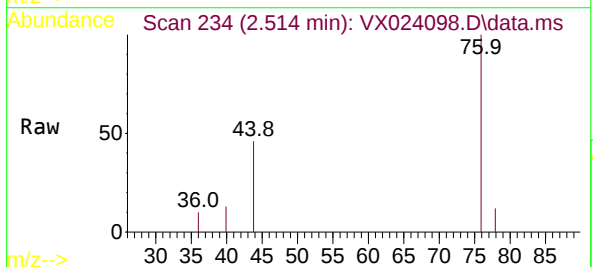
Instrument :
MSVOA_X
ClientSampled :

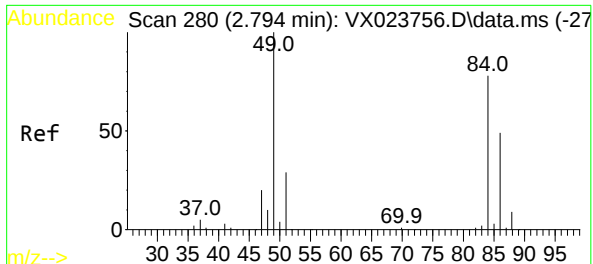
Tgt Ion: 43 Resp: 780
Ion Ratio Lower Upper
43 100
58 38.0 27.8 41.8



#17
Carbon Disulfide
Concen: 0.280 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX024098.D
Acq: 03 Sep 2021 13:31

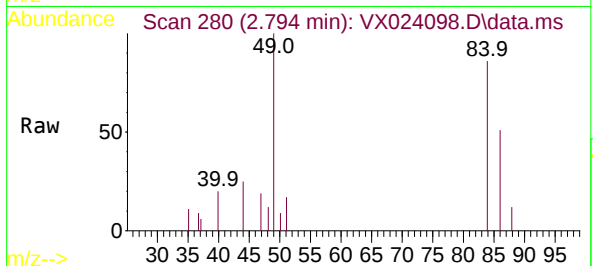
Tgt Ion: 76 Resp: 917
Ion Ratio Lower Upper
76 100
78 11.9 7.2 10.8#



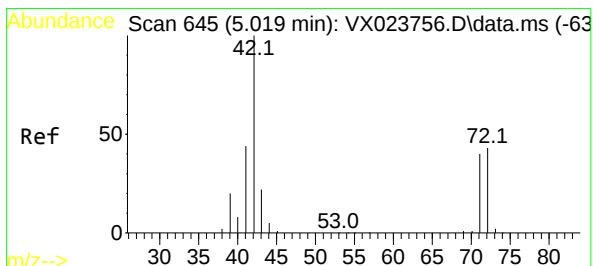
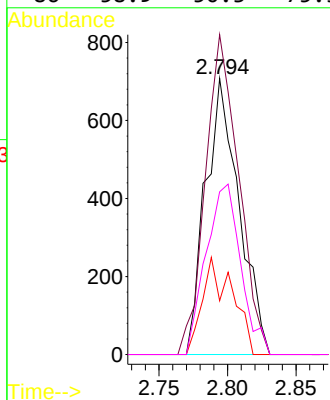
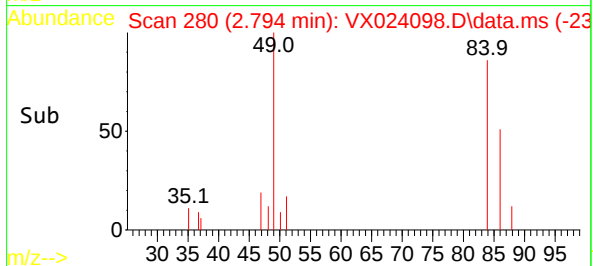


#20
Methylene Chloride
Concen: 0.706 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX024098.D
Acq: 03 Sep 2021 13:31

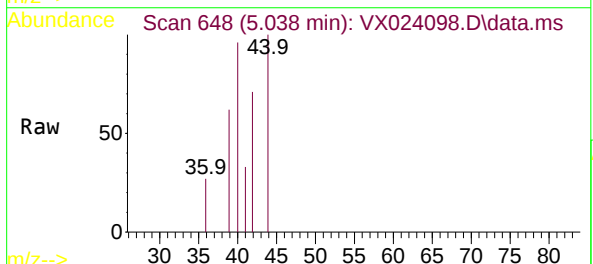
Instrument :
MSVOA_X
ClientSampled :



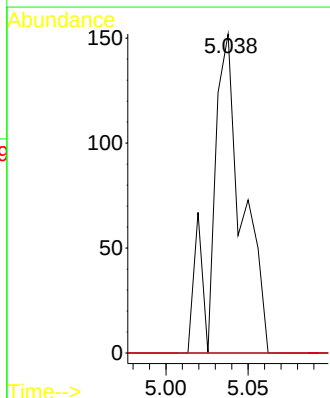
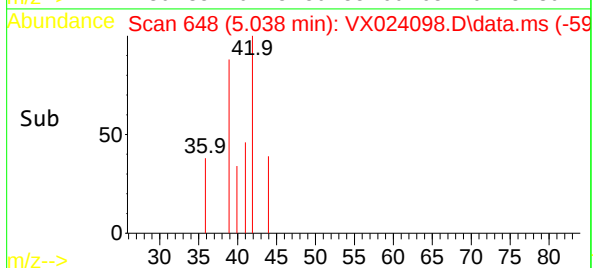
Tgt Ion:	84	Resp:	1204
Ion	Ratio	Lower	Upper
84	100		
49	115.8	88.6	132.8
51	19.5	27.0	40.6#
86	58.9	50.3	75.5

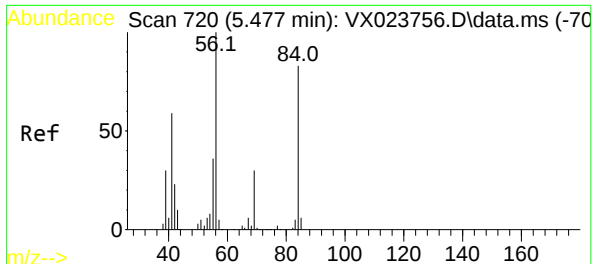


#29
Tetrahydrofuran
Concen: 0.218 ug/l
RT: 5.038 min Scan# 648
Delta R.T. 0.019 min
Lab File: VX024098.D
Acq: 03 Sep 2021 13:31



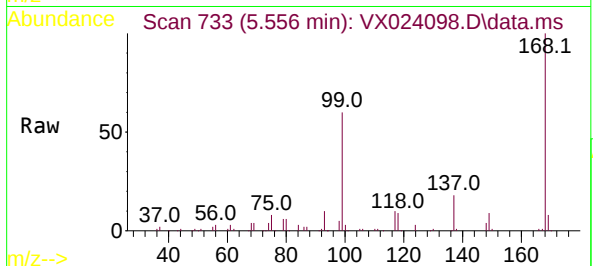
Tgt Ion:	42	Resp:	191
Ion	Ratio	Lower	Upper
42	100		
72	0.0	41.7	62.5#
71	0.0	38.4	57.6#



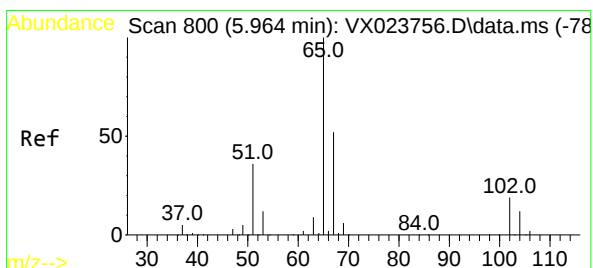
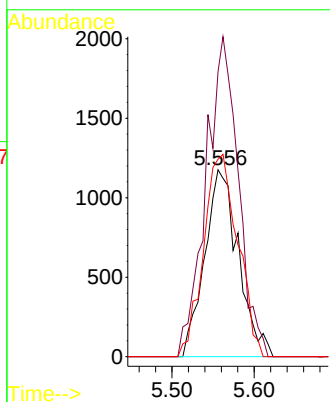
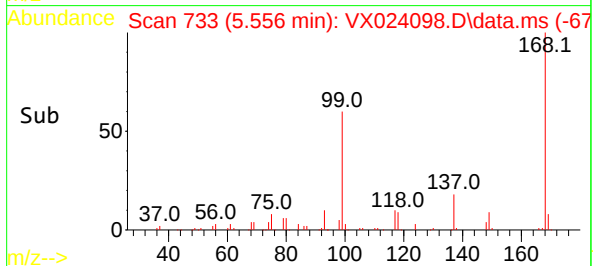


#31
Cyclohexane
Concen: 1.306 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX024098.D
Acq: 03 Sep 2021 13:31

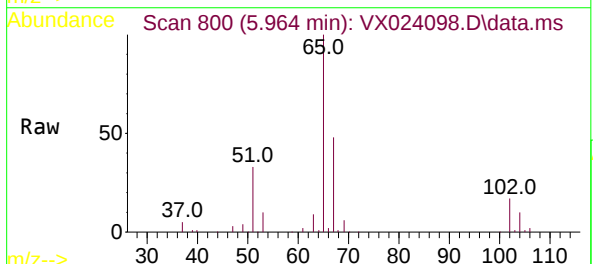
Instrument :
MSVOA_X
ClientSampled :



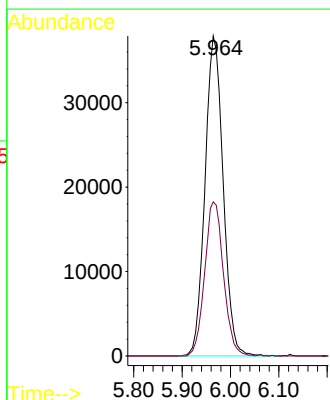
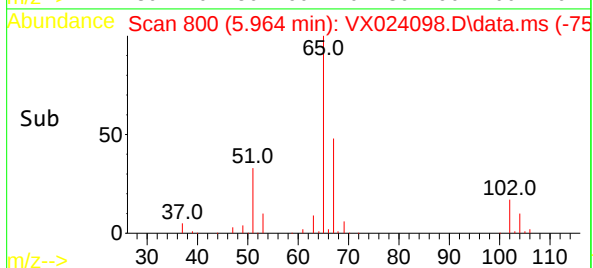
Tgt Ion: 56 Resp: 3351
Ion Ratio Lower Upper
56 100
69 152.6 25.3 37.9#
84 105.6 71.4 107.0

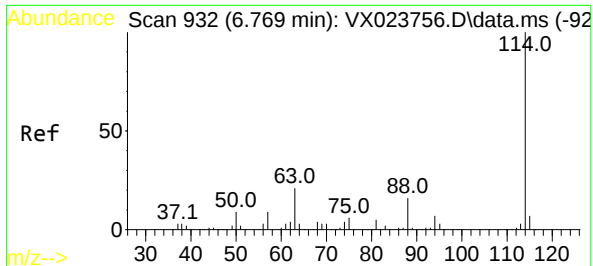


#33
1,2-Dichloroethane-d4
Concen: 49.502 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024098.D
Acq: 03 Sep 2021 13:31



Tgt Ion: 65 Resp: 98883
Ion Ratio Lower Upper
65 100
67 49.8 0.0 105.4

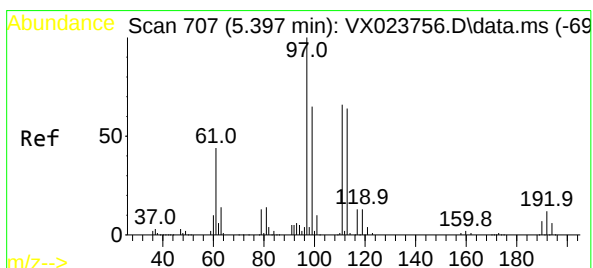
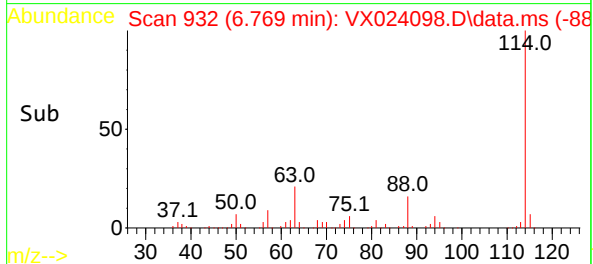
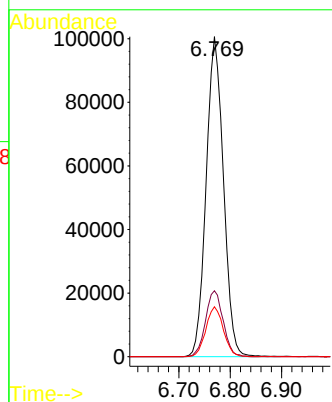
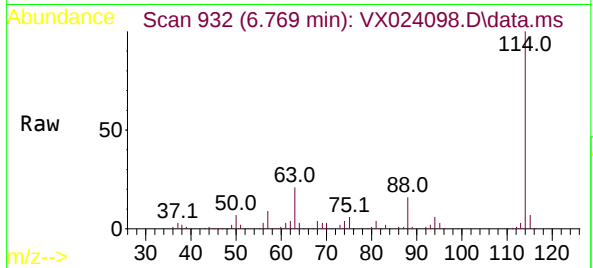




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024098.D
Acq: 03 Sep 2021 13:31

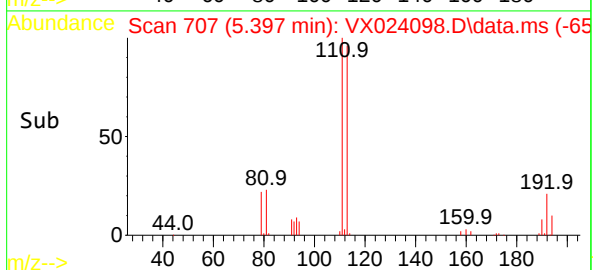
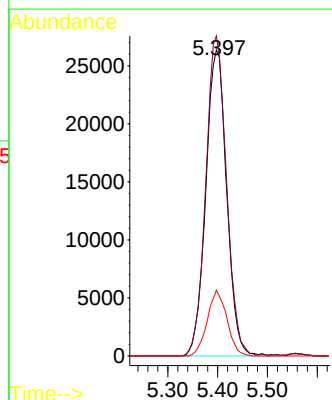
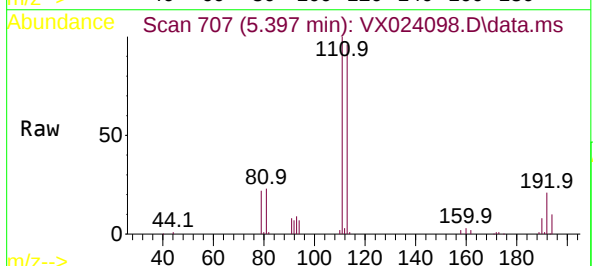
Instrument :
MSVOA_X
ClientSampled :

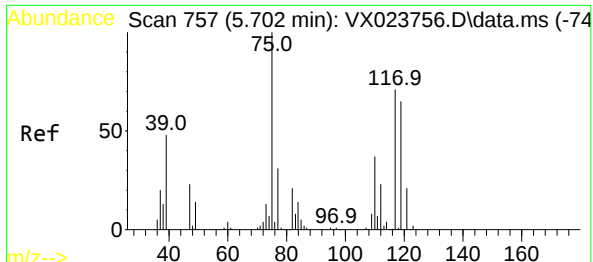
Tgt Ion:114 Resp: 234881
Ion Ratio Lower Upper
114 100
63 20.6 0.0 40.8
88 15.6 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.438 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024098.D
Acq: 03 Sep 2021 13:31

Tgt Ion:113 Resp: 76857
Ion Ratio Lower Upper
113 100
111 103.4 81.9 122.9
192 20.1 16.7 25.1

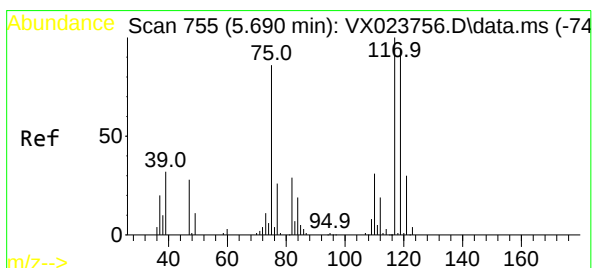
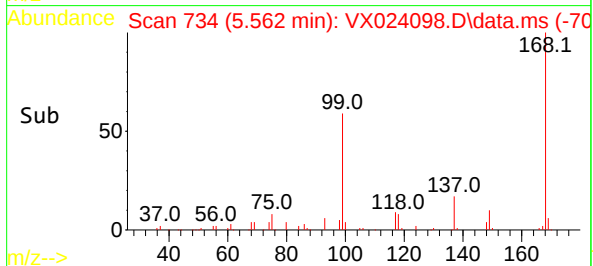
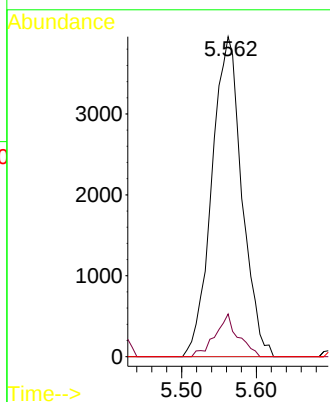
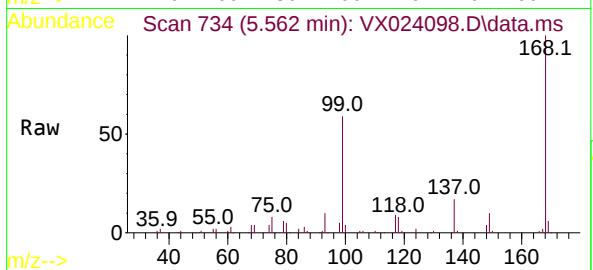




#36
1,1-Dichloropropene
Concen: 5.091 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX024098.D
Acq: 03 Sep 2021 13:31

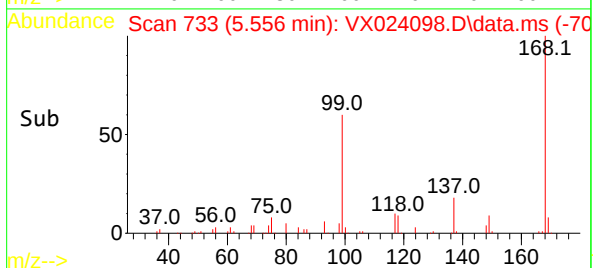
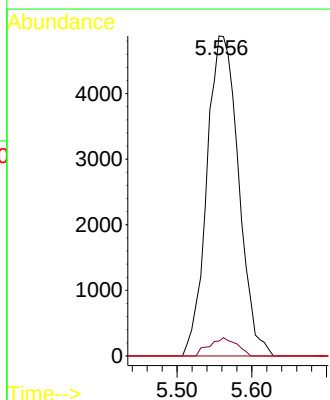
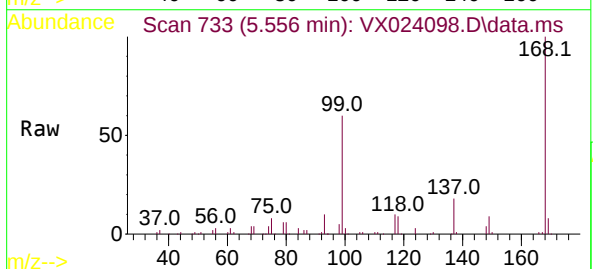
Instrument :
MSVOA_X
ClientSampled :

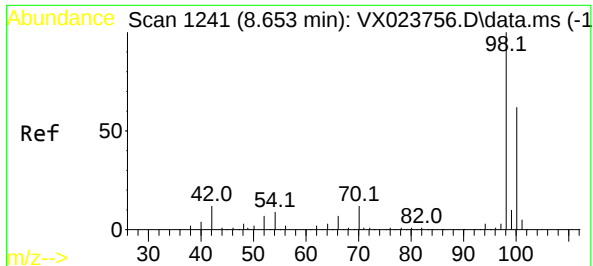
Tgt Ion: 75 Resp: 11073
Ion Ratio Lower Upper
75 100
110 10.2 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.345 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX024098.D
Acq: 03 Sep 2021 13:31

Tgt Ion: 117 Resp: 14391
Ion Ratio Lower Upper
117 100
119 4.7 76.2 114.2#
121 0.0 24.8 37.2#

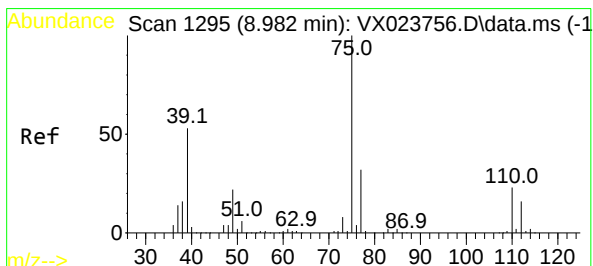
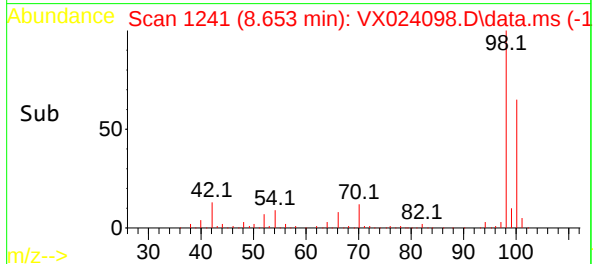
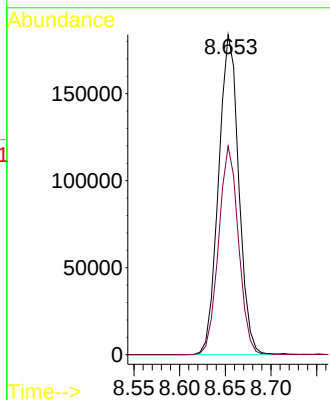
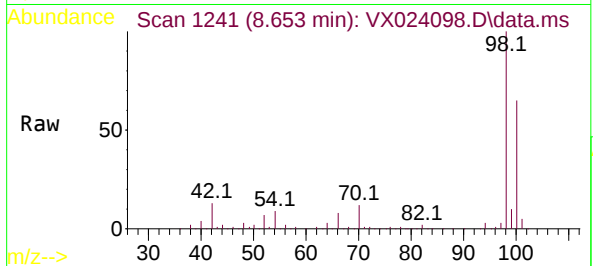




#50
Toluene-d8
Concen: 47.831 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024098.D
Acq: 03 Sep 2021 13:31

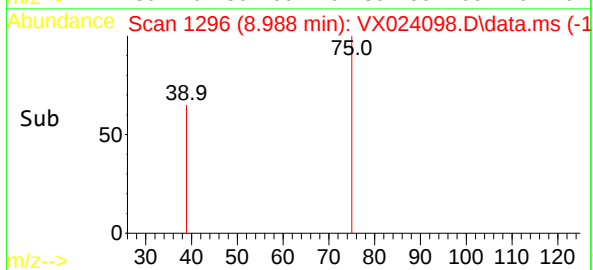
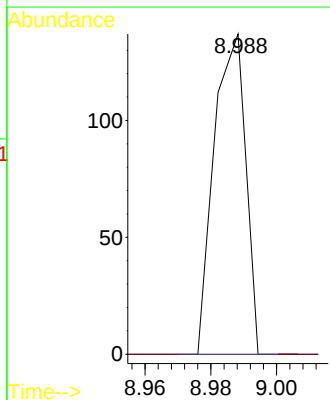
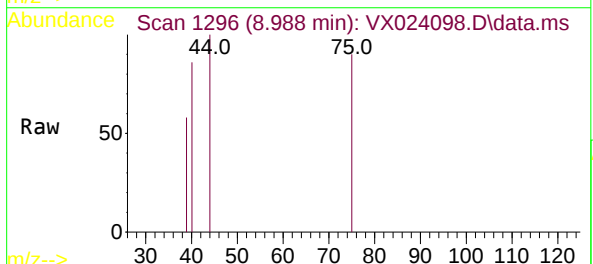
Instrument :
MSVOA_X
ClientSampled :

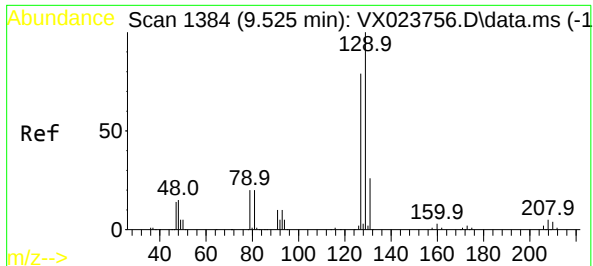
Tgt Ion: 98 Resp: 283012
Ion Ratio Lower Upper
98 100
100 64.2 51.9 77.9



#53
t-1,3-Dichloropropene
Concen: 2.168 ug/l
RT: 8.988 min Scan# 1296
Delta R.T. 0.006 min
Lab File: VX024098.D
Acq: 03 Sep 2021 13:31

Tgt Ion: 75 Resp: 91
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#





#60

Dibromochloromethane

Concen: 1.787 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.250 min

Lab File: VX024098.D

Acq: 03 Sep 2021 13:31

Instrument :

MSVOA_X

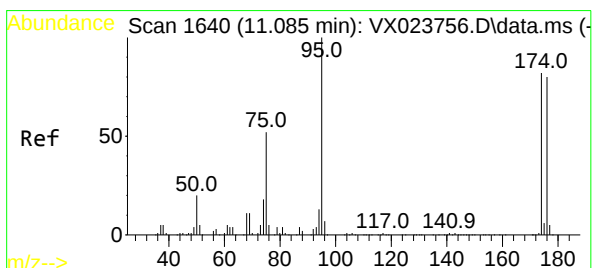
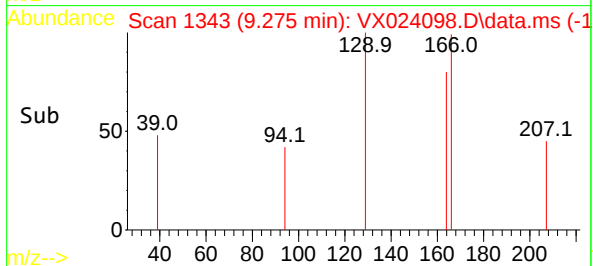
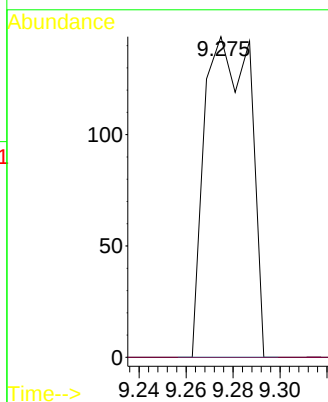
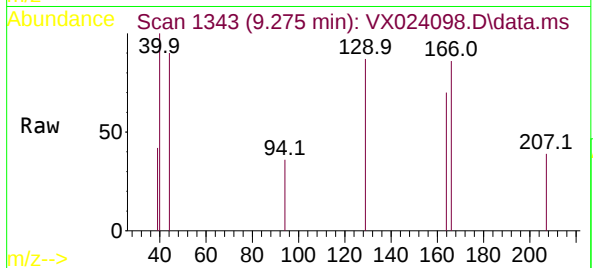
ClientSampled :

Tgt Ion:129 Resp: 194

Ion Ratio Lower Upper

129 100

127 0.0 38.4 115.2#



#62

4-Bromofluorobenzene

Concen: 46.711 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX024098.D

Acq: 03 Sep 2021 13:31

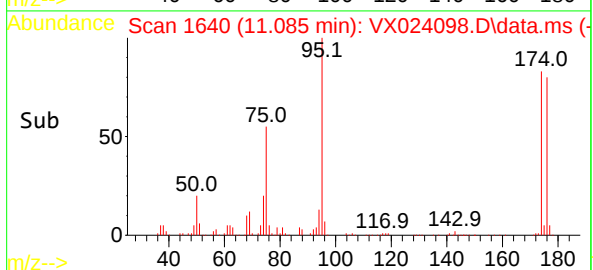
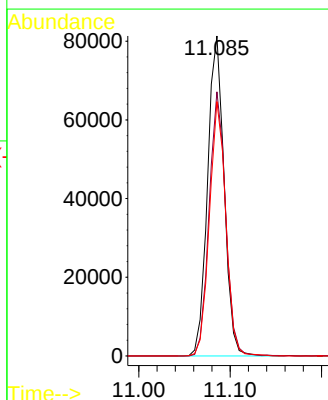
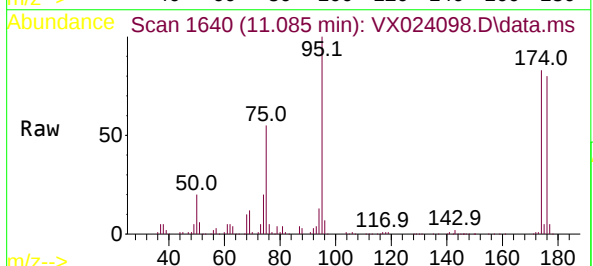
Tgt Ion: 95 Resp: 101745

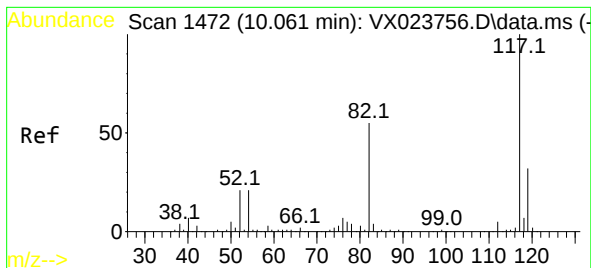
Ion Ratio Lower Upper

95 100

174 82.6 0.0 154.6

176 78.7 0.0 155.8

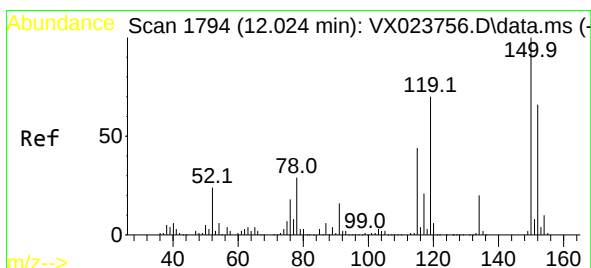
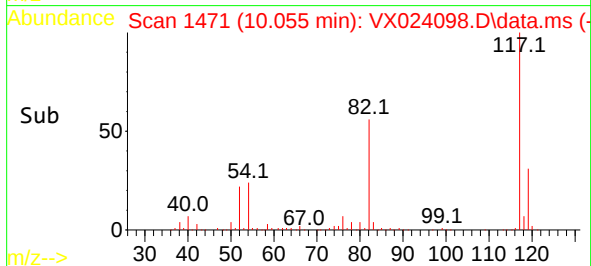
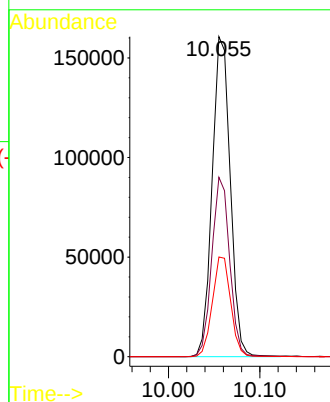
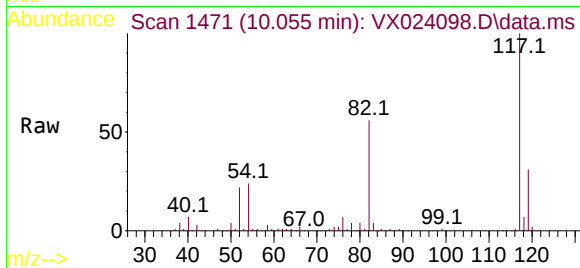




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024098.D
Acq: 03 Sep 2021 13:31

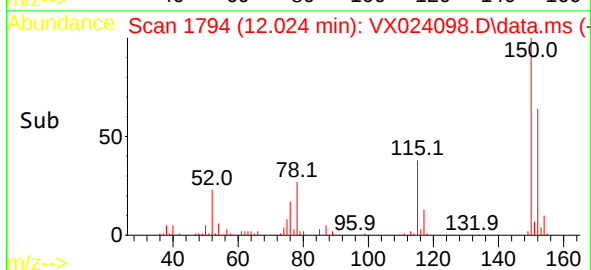
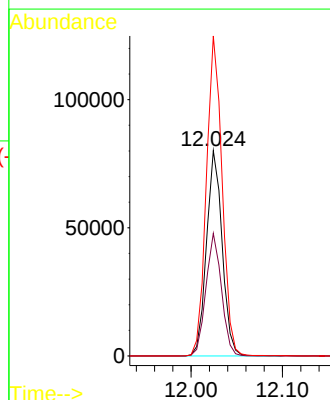
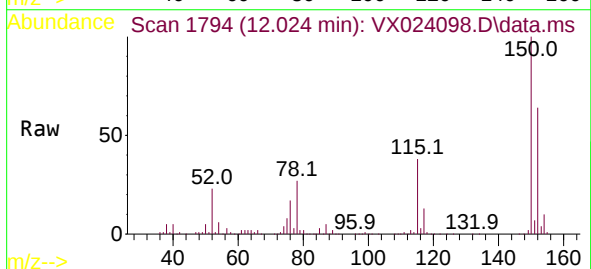
Instrument :
MSVOA_X
ClientSampled :

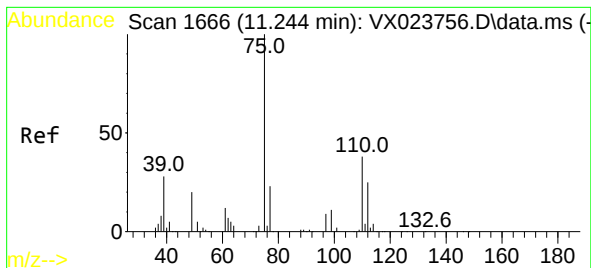
Tgt Ion:117 Resp: 220805
Ion Ratio Lower Upper
117 100
82 56.1 47.4 71.2
119 31.1 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024098.D
Acq: 03 Sep 2021 13:31

Tgt Ion:152 Resp: 95093
Ion Ratio Lower Upper
152 100
115 59.2 41.1 123.3
150 156.1 0.0 349.0

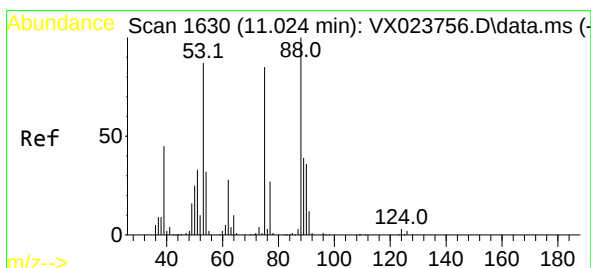
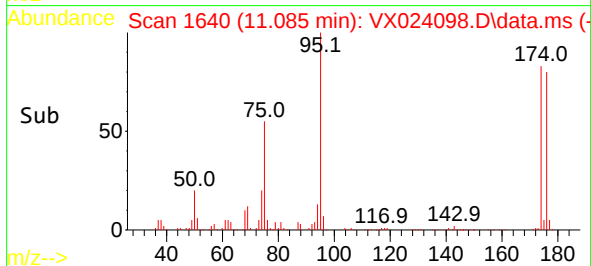
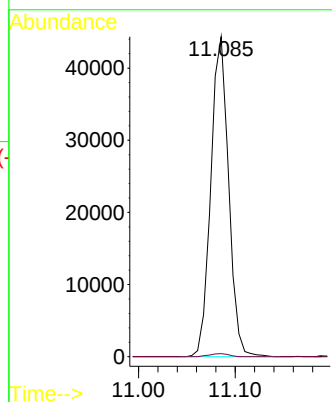
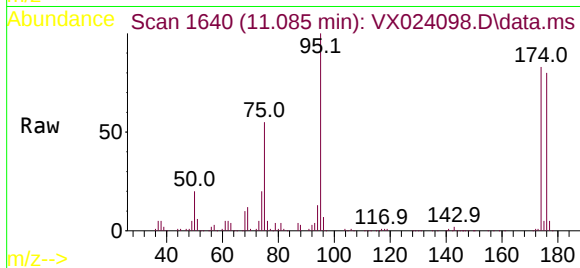




#76
1,2,3-Trichloropropane
Concen: 25.617 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024098.D
Acq: 03 Sep 2021 13:31

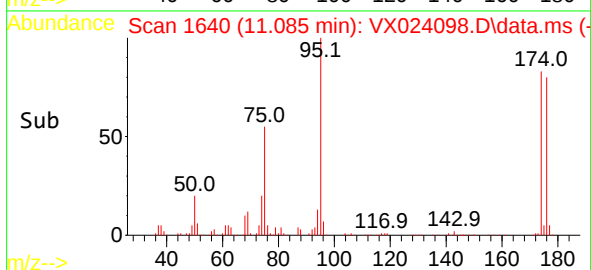
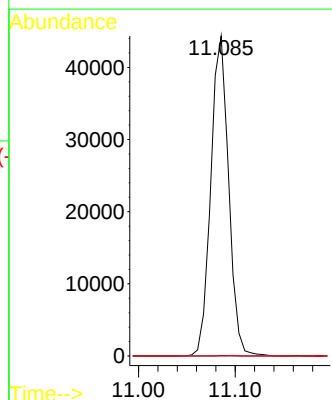
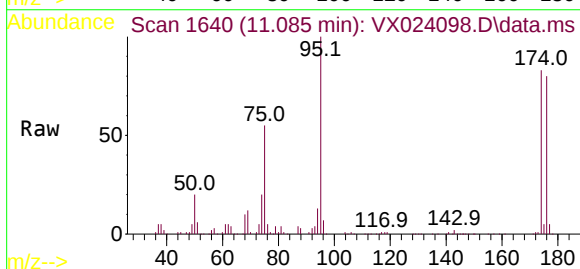
Instrument :
MSVOA_X
ClientSampled :

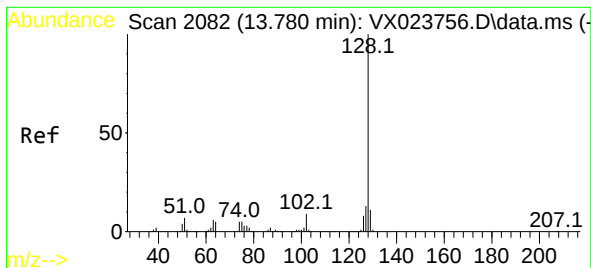
Tgt Ion: 75 Resp: 56826
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.354 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024098.D
Acq: 03 Sep 2021 13:31

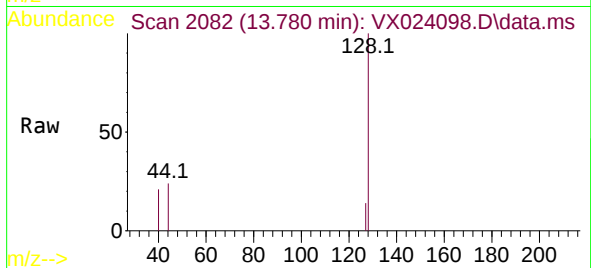
Tgt Ion: 75 Resp: 56826
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.1 37.9 56.9#





#95
Naphthalene
Concen: 1.364 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX024098.D
Acq: 03 Sep 2021 13:31

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:	128	Resp:	584
Ion	Ratio	Lower	Upper
128	100		
127	5.1	10.3	15.5#
129	0.0	8.8	13.2#

