

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070621\
 Data File : VX023153.D
 Acq On : 06 Jul 2021 18:03
 Operator : JC/MD
 Sample : M2923-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 07 02:54:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 14:29:42 2021
 Response via : Initial Calibration

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

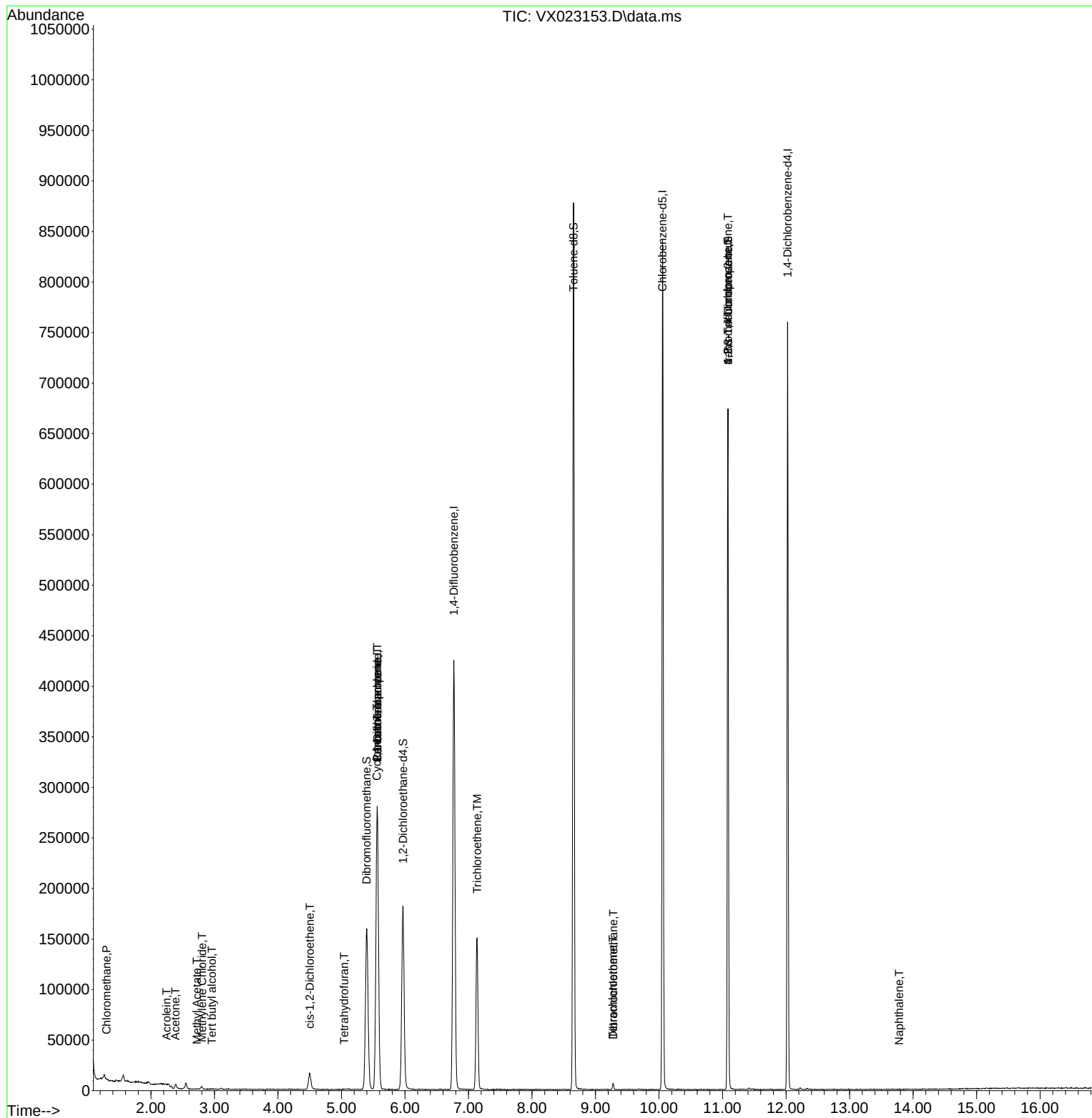
Internal Standards						
1) Pentafluorobenzene	5.562	168	258032	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	430706	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	374425	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	148713	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.971	65	182294	52.565	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	105.140%	
35) Dibromofluoromethane	5.397	113	136278	48.998	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	98.000%	
50) Toluene-d8	8.653	98	506303	48.800	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	97.600%	
62) 4-Bromofluorobenzene	11.085	95	178708	44.618	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	89.240%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	575	0.249	ug/l #	79
5) Bromomethane	1.612	94	447	Below Cal	#	75
11) Tert butyl alcohol	2.959	59	362	0.496	ug/l #	73
13) Acrolein	2.246	56	151	0.311	ug/l	84
16) Acetone	2.386	43	4430	3.229	ug/l	94
18) Methyl Acetate	2.721	43	824	0.247	ug/l #	53
20) Methylene Chloride	2.806	84	1217	0.412	ug/l #	71
27) cis-1,2-Dichloroethene	4.501	96	10019	3.330	ug/l	92
29) Tetrahydrofuran	5.044	42	477	0.359	ug/l #	36
31) Cyclohexane	5.556	56	5803	1.398	ug/l #	46
36) 1,1-Dichloropropene	5.562	75	20807	5.419	ug/l #	49
38) Carbon Tetrachloride	5.562	117	27250	6.799	ug/l #	17
44) Trichloroethene	7.135	130	56574	17.890	ug/l	97
60) Dibromochloromethane	9.281	129	1006	3.391	ug/l #	11
64) Tetrachloroethene	9.275	164	966	0.323	ug/l	93
76) 1,2,3-Trichloropropane	11.085	75	92429	30.886	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	92429	82.788	ug/l #	12
95) Naphthalene	13.780	128	244	1.297	ug/l #	69

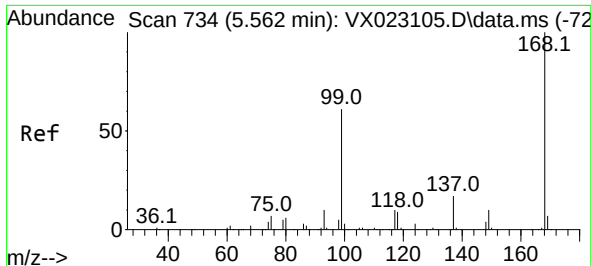
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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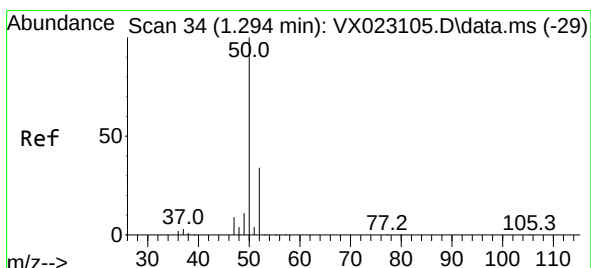
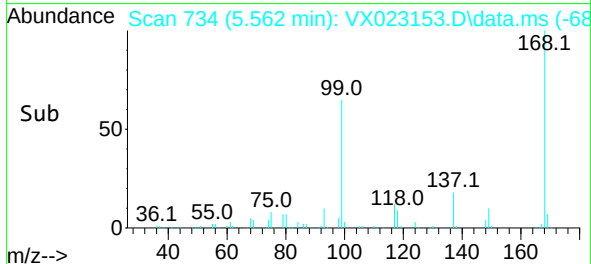
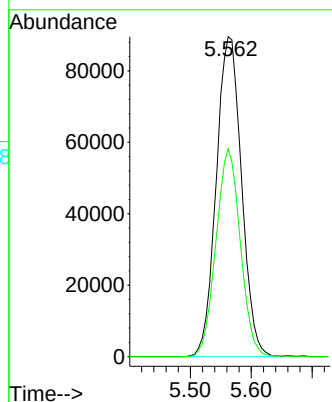
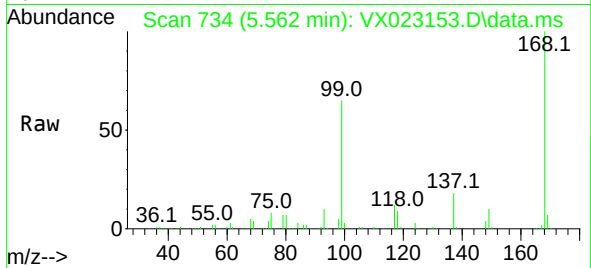




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX023153.D
Acq: 06 Jul 2021 18:03

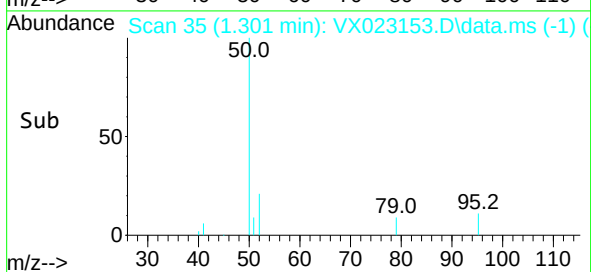
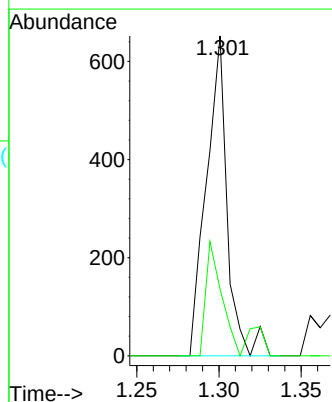
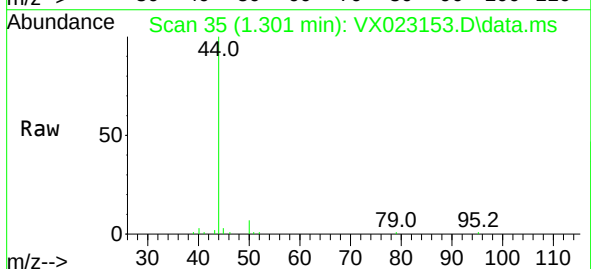
Instrument :
MSVOA_X
ClientSampleId :

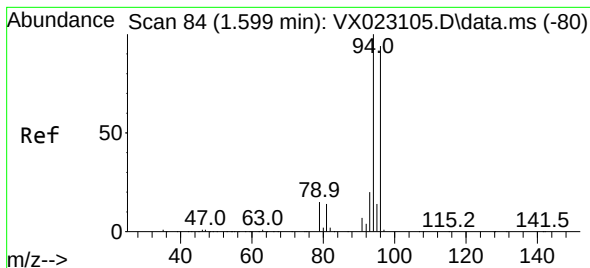
Tgt Ion:168 Resp: 258032
Ion Ratio Lower Upper
168 100
99 65.1 45.8 68.6



#3
Chloromethane
Concen: 0.249 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.007 min
Lab File: VX023153.D
Acq: 06 Jul 2021 18:03

Tgt Ion: 50 Resp: 575
Ion Ratio Lower Upper
50 100
52 20.9 26.4 39.6#

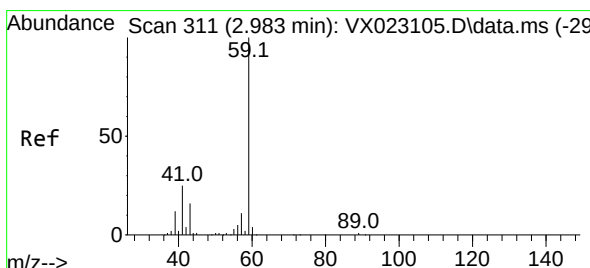
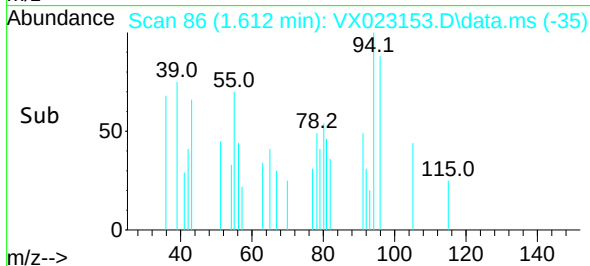
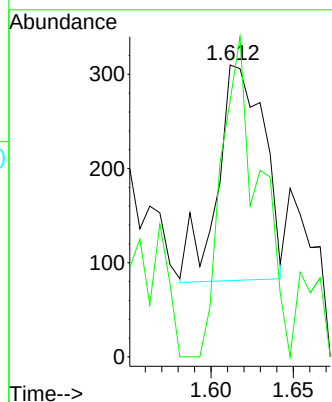
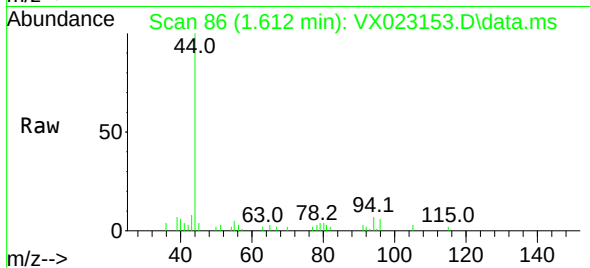




#5
Bromomethane
Concen: Below Cal
RT: 1.612 min Scan# 86
Delta R.T. 0.013 min
Lab File: VX023153.D
Acq: 06 Jul 2021 18:03

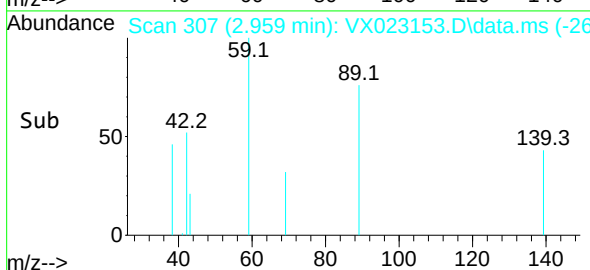
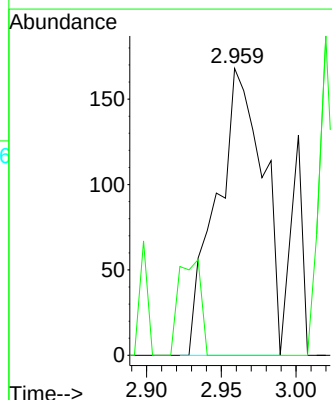
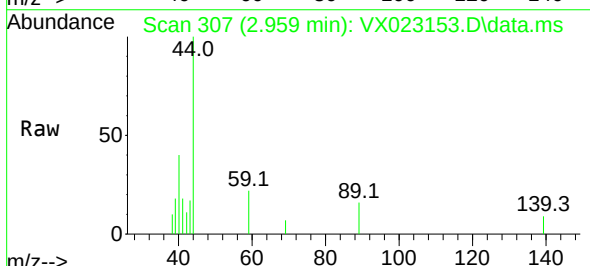
Instrument :
MSVOA_X
ClientSampleId :

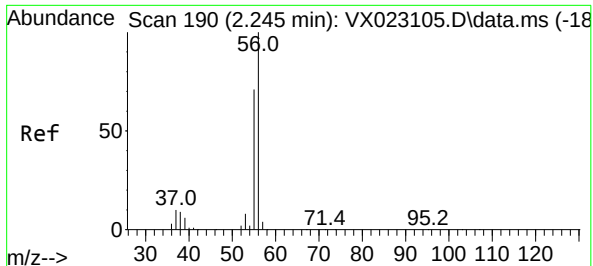
Tgt Ion: 94 Resp: 447
Ion Ratio Lower Upper
94 100
96 119.8 76.4 114.6#



#11
Tert butyl alcohol
Concen: 0.496 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX023153.D
Acq: 06 Jul 2021 18:03

Tgt Ion: 59 Resp: 362
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

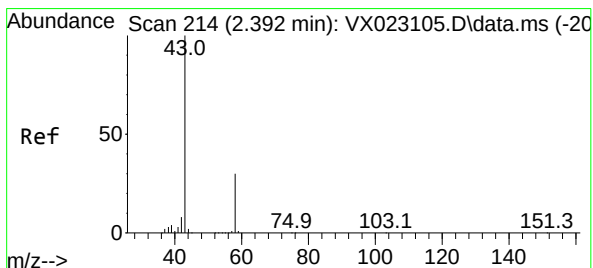
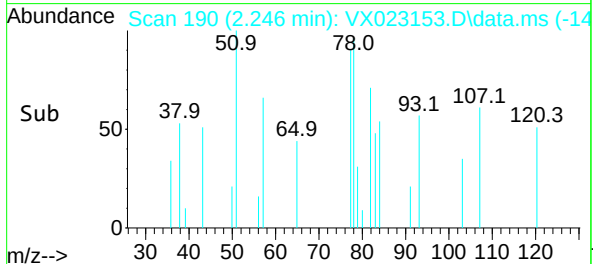
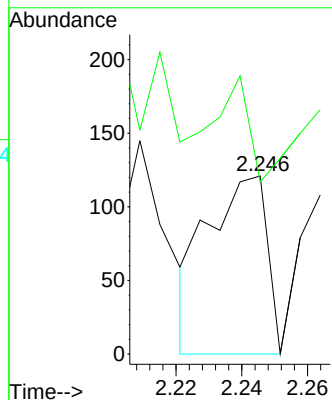
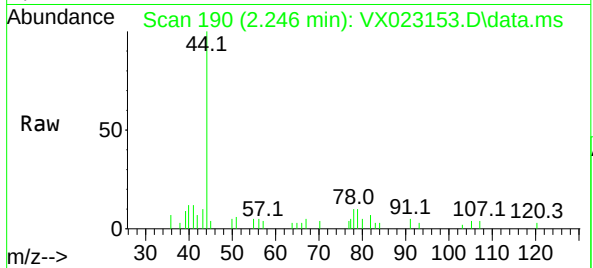




#13
Acrolein
Concen: 0.311 ug/l
RT: 2.246 min Scan# 190
Delta R.T. 0.001 min
Lab File: VX023153.D
Acq: 06 Jul 2021 18:03

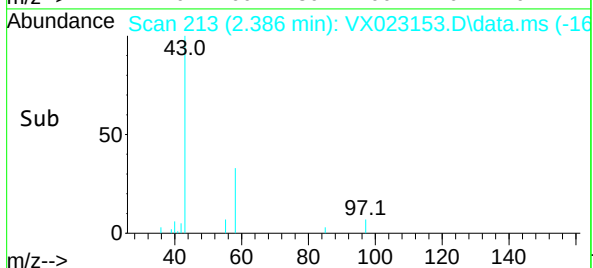
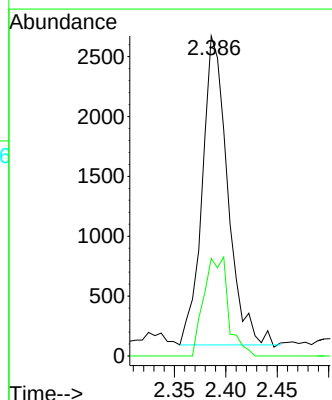
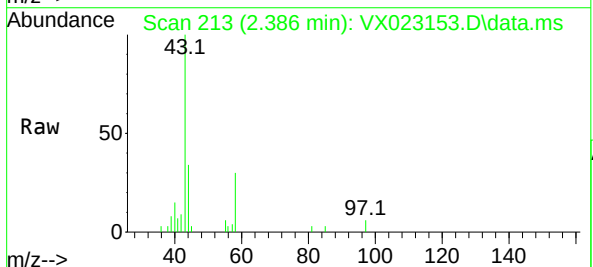
Instrument :
MSVOA_X
ClientSampled :

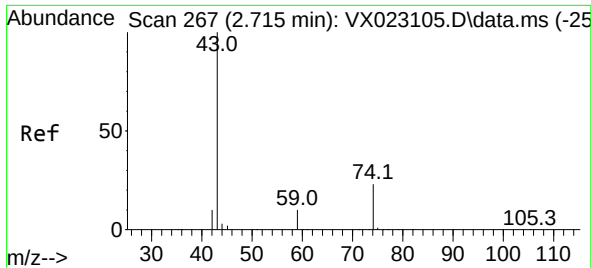
Tgt Ion: 56 Resp: 151
Ion Ratio Lower Upper
56 100
55 57.6 56.4 84.6



#16
Acetone
Concen: 3.229 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023153.D
Acq: 06 Jul 2021 18:03

Tgt Ion: 43 Resp: 4430
Ion Ratio Lower Upper
43 100
58 31.6 27.8 41.8

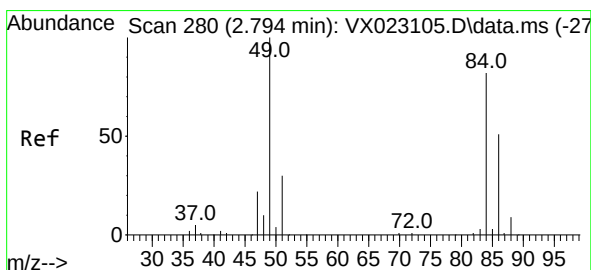
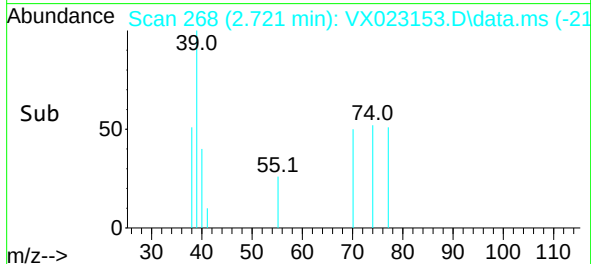
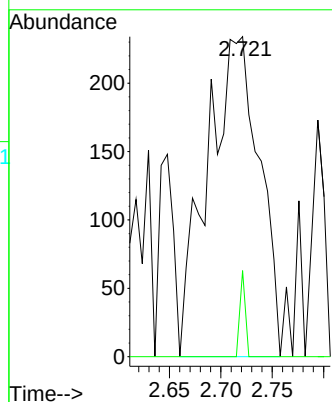
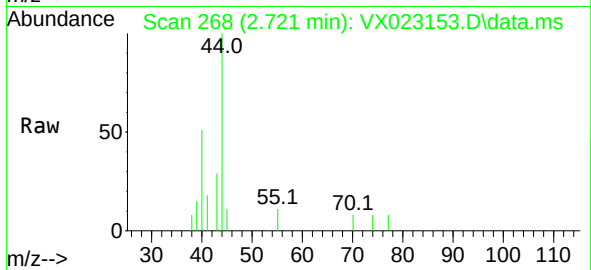




#18
Methyl Acetate
Concen: 0.247 ug/l
RT: 2.721 min Scan# 268
Delta R.T. 0.006 min
Lab File: VX023153.D
Acq: 06 Jul 2021 18:03

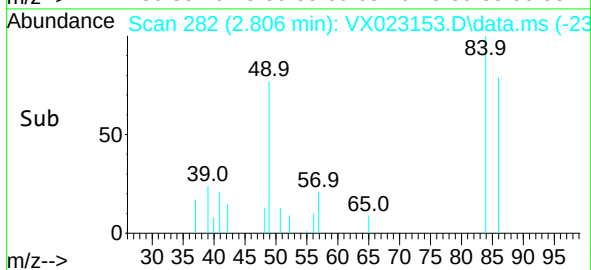
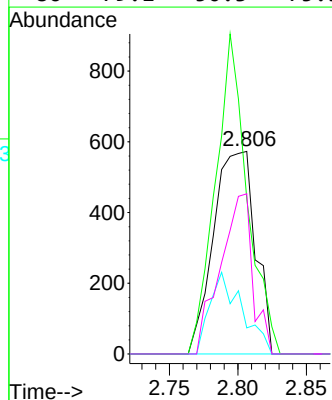
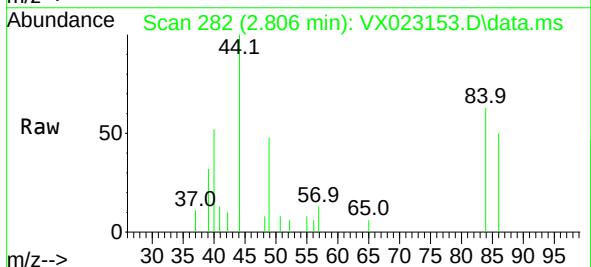
Instrument :
MSVOA_X
ClientSampled :

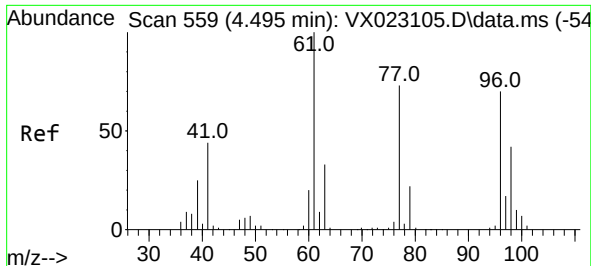
Tgt Ion: 43 Resp: 824
Ion Ratio Lower Upper
43 100
74 2.8 21.9 32.9#



#20
Methylene Chloride
Concen: 0.412 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.012 min
Lab File: VX023153.D
Acq: 06 Jul 2021 18:03

Tgt Ion: 84 Resp: 1217
Ion Ratio Lower Upper
84 100
49 76.6 88.6 132.8#
51 12.9 27.0 40.6#
86 79.1 50.3 75.5#





#27

cis-1,2-Dichloroethene

Concen: 3.330 ug/l

RT: 4.501 min Scan# 560

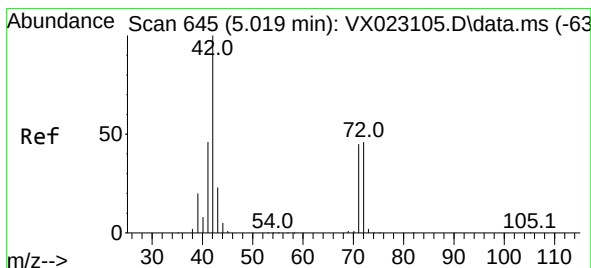
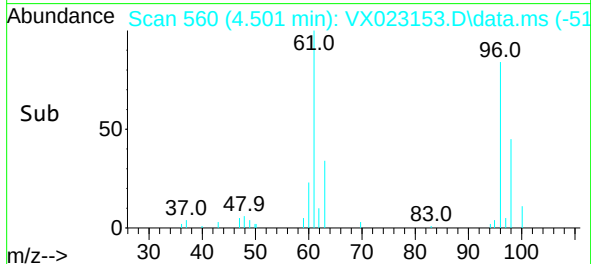
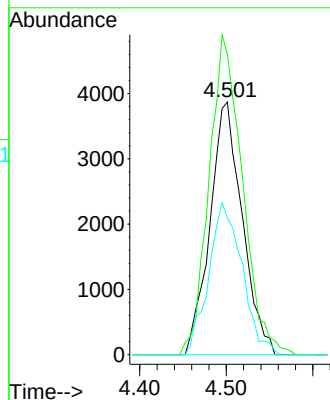
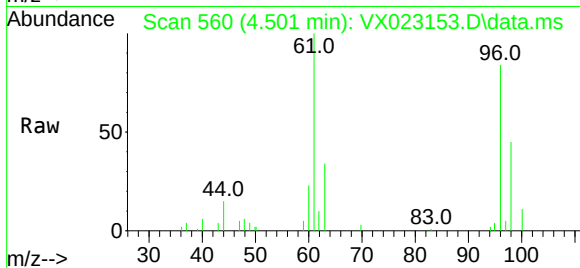
Delta R.T. 0.006 min

Lab File: VX023153.D

Acq: 06 Jul 2021 18:03

Tgt Ion: 96 Resp: 10019

Ion	Ratio	Lower	Upper
96	100		
61	130.8	0.0	285.6
98	62.2	0.0	129.6



#29

Tetrahydrofuran

Concen: 0.359 ug/l

RT: 5.044 min Scan# 649

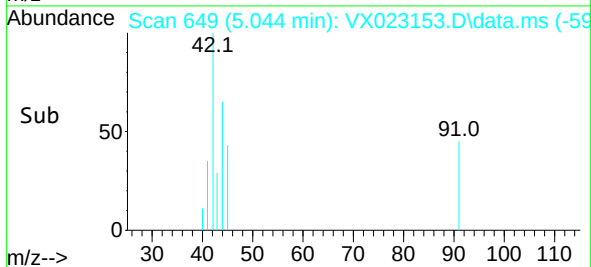
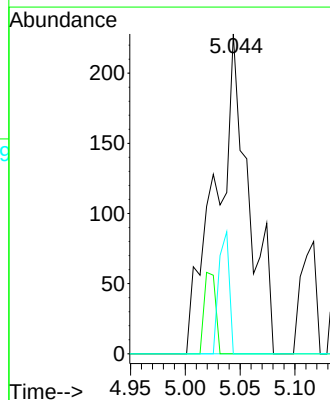
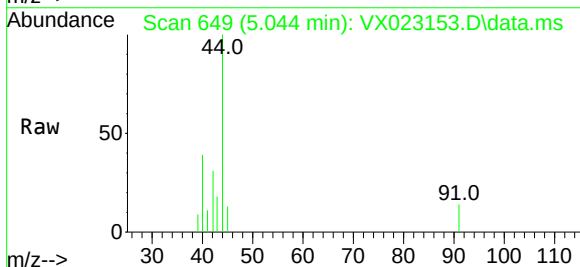
Delta R.T. 0.025 min

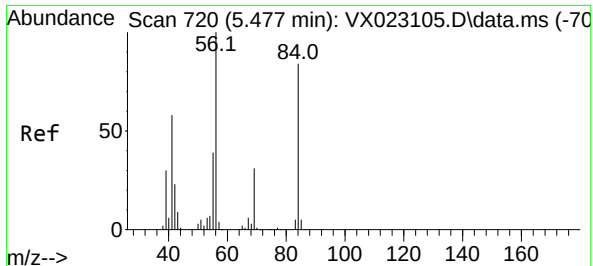
Lab File: VX023153.D

Acq: 06 Jul 2021 18:03

Tgt Ion: 42 Resp: 477

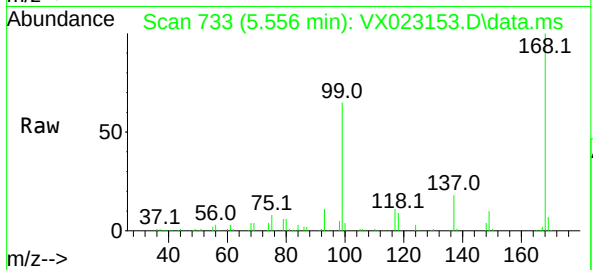
Ion	Ratio	Lower	Upper
42	100		
72	0.0	41.7	62.5#
71	11.9	38.4	57.6#



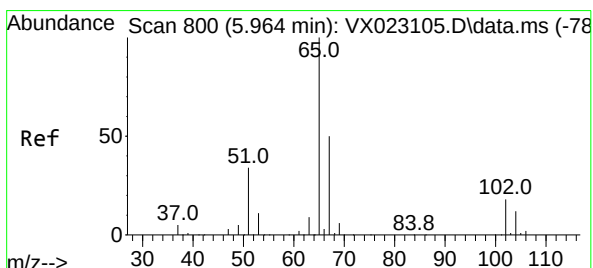
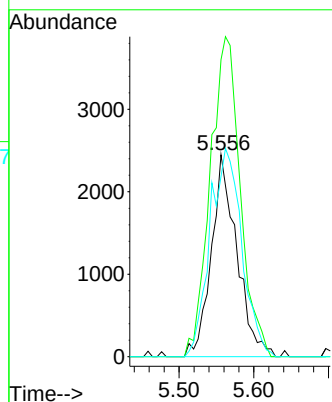
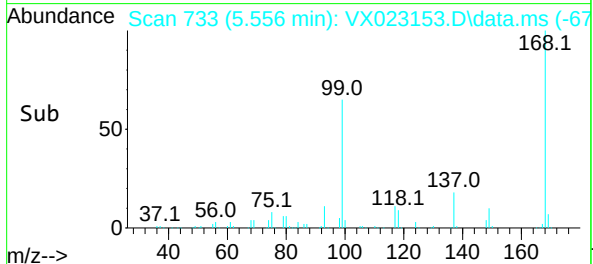


#31
Cyclohexane
Concen: 1.398 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX023153.D
Acq: 06 Jul 2021 18:03

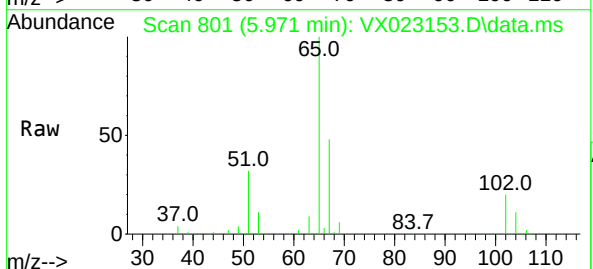
Instrument :
MSVOA_X
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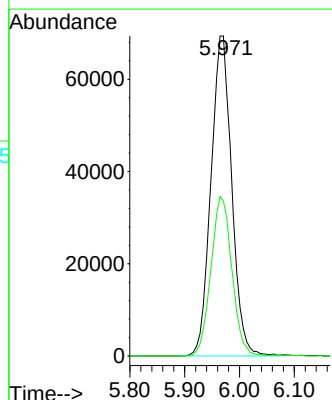
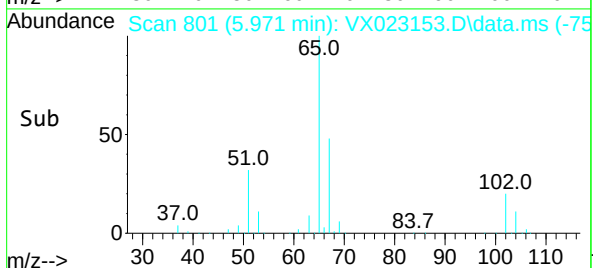
Tgt Ion: 56 Resp: 5803
Ion Ratio Lower Upper
56 100
69 147.0 25.3 37.9#
84 89.2 71.4 107.0

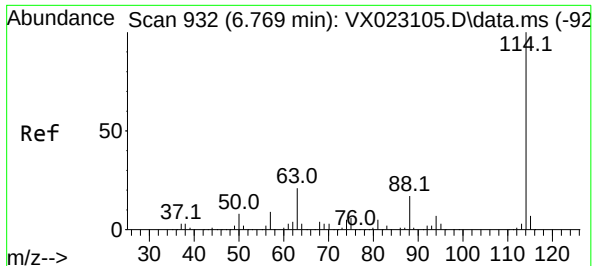


#33
1,2-Dichloroethane-d4
Concen: 52.565 ug/l
RT: 5.971 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX023153.D
Acq: 06 Jul 2021 18:03



Tgt Ion: 65 Resp: 182294
Ion Ratio Lower Upper
65 100
67 50.3 0.0 105.4

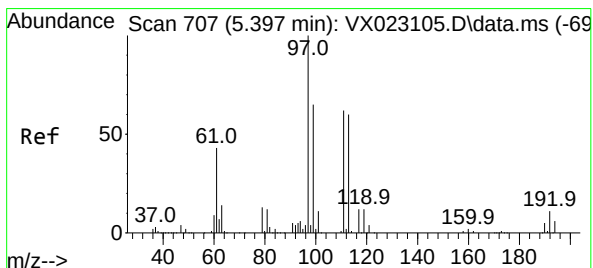
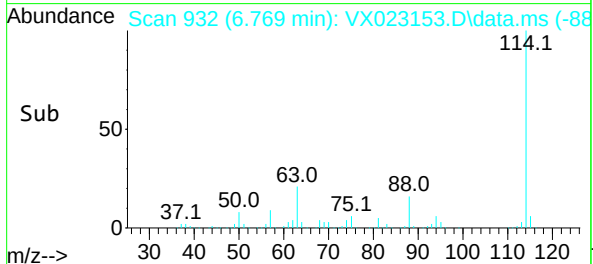
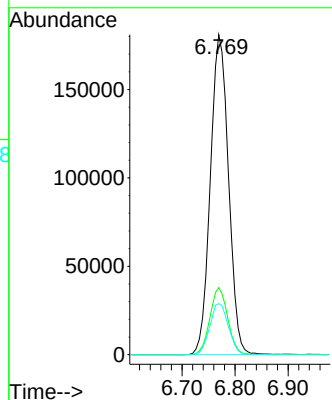
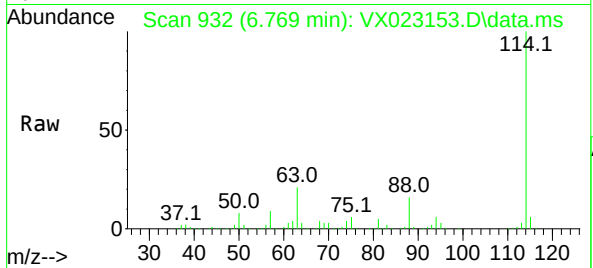




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023153.D
Acq: 06 Jul 2021 18:03

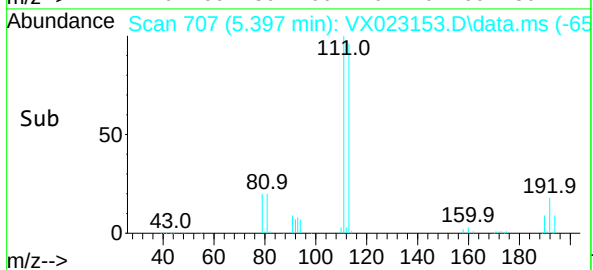
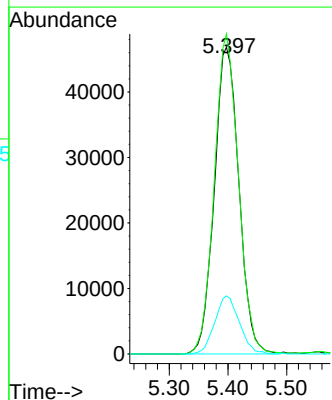
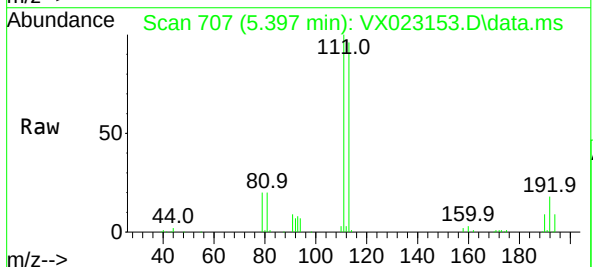
Instrument :
MSVOA_X
ClientSampled :

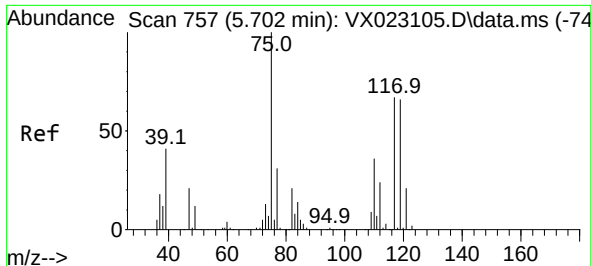
Tgt Ion:114 Resp: 430706
Ion Ratio Lower Upper
114 100
63 20.9 0.0 40.8
88 15.9 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.998 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023153.D
Acq: 06 Jul 2021 18:03

Tgt Ion:113 Resp: 136278
Ion Ratio Lower Upper
113 100
111 102.2 81.9 122.9
192 18.9 16.7 25.1

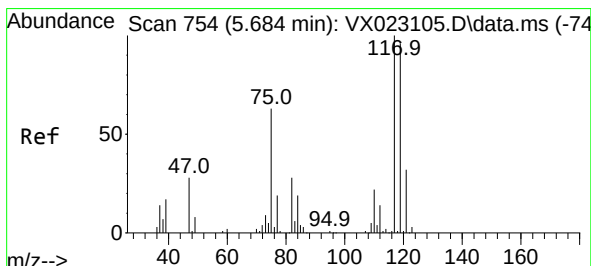
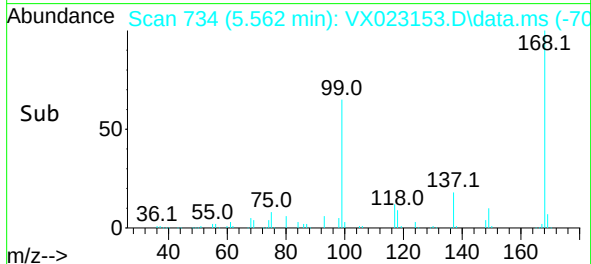
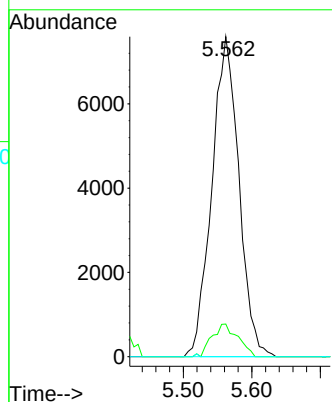
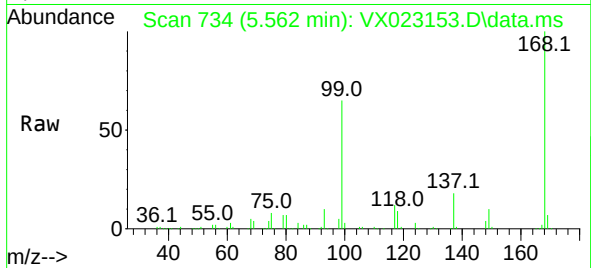




#36
1,1-Dichloropropene
Concen: 5.419 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX023153.D
Acq: 06 Jul 2021 18:03

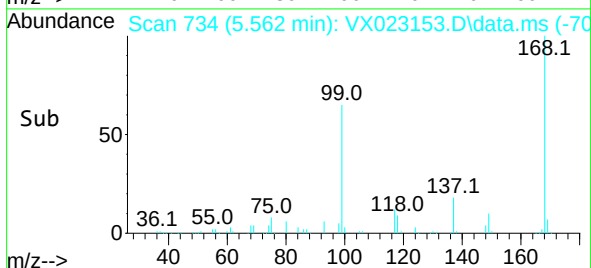
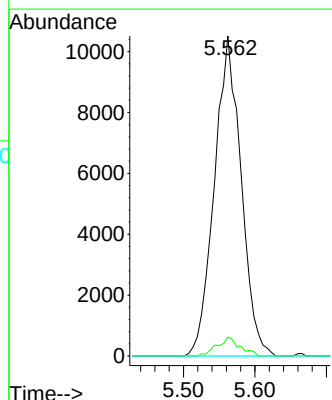
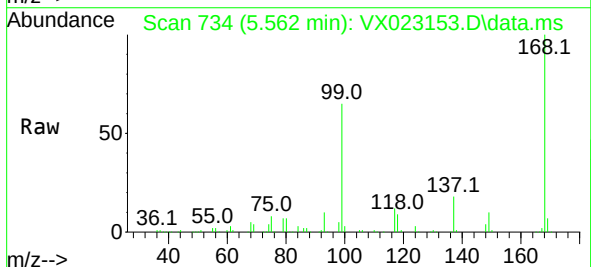
Instrument :
MSVOA_X
ClientSampleId :

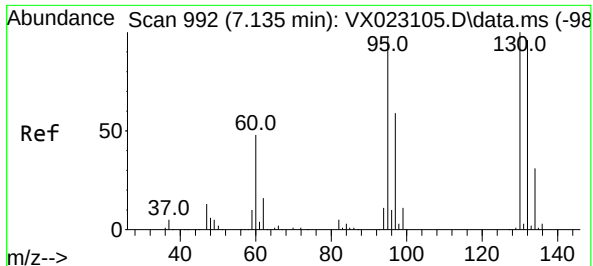
Tgt Ion: 75 Resp: 20807
Ion Ratio Lower Upper
75 100
110 9.8 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.799 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX023153.D
Acq: 06 Jul 2021 18:03

Tgt Ion: 117 Resp: 27250
Ion Ratio Lower Upper
117 100
119 5.9 76.2 114.2#
121 0.0 24.8 37.2#

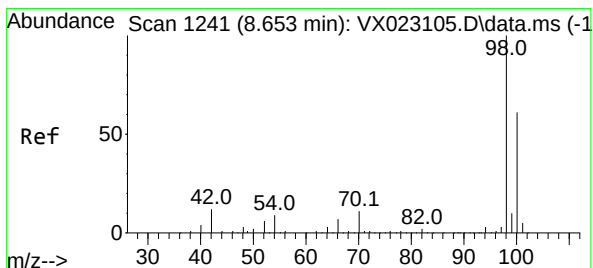
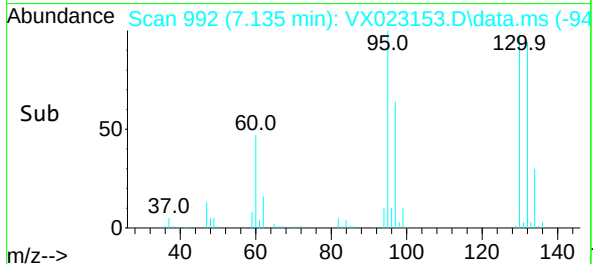
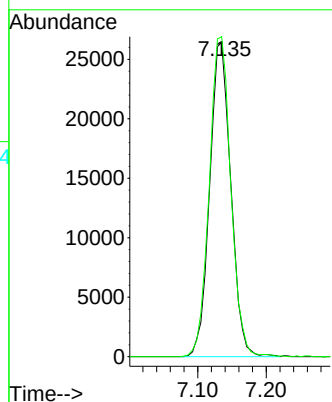
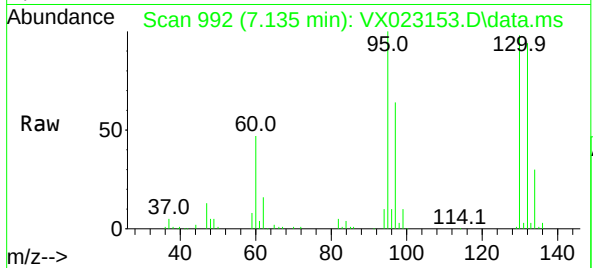




#44
Trichloroethene
Concen: 17.890 ug/l
RT: 7.135 min Scan# 992
Delta R.T. -0.000 min
Lab File: VX023153.D
Acq: 06 Jul 2021 18:03

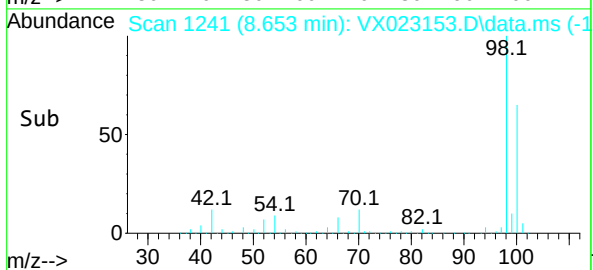
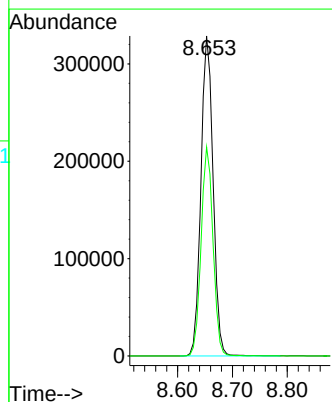
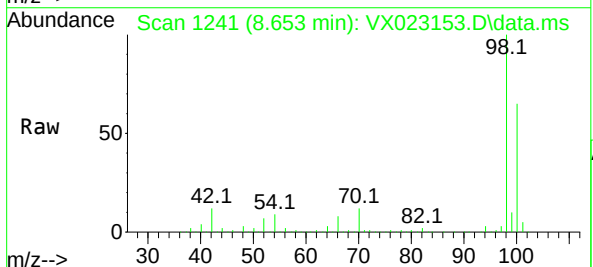
Instrument :
MSVOA_X
ClientSampled :

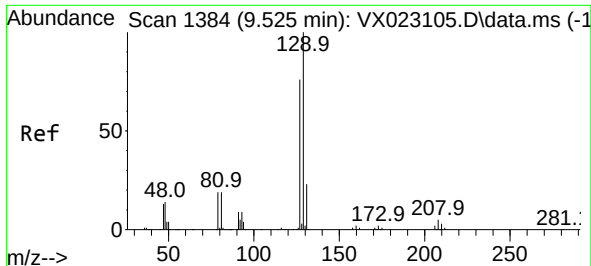
Tgt Ion:130 Resp: 56574
Ion Ratio Lower Upper
130 100
95 101.8 0.0 198.0



#50
Toluene-d8
Concen: 48.800 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023153.D
Acq: 06 Jul 2021 18:03

Tgt Ion: 98 Resp: 506303
Ion Ratio Lower Upper
98 100
100 64.0 51.9 77.9

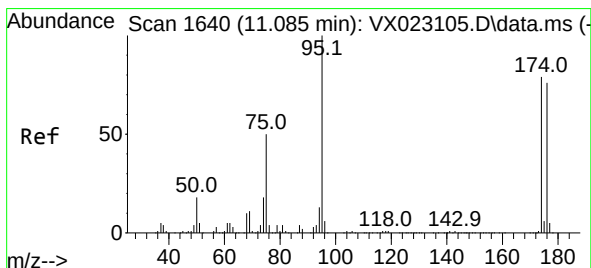
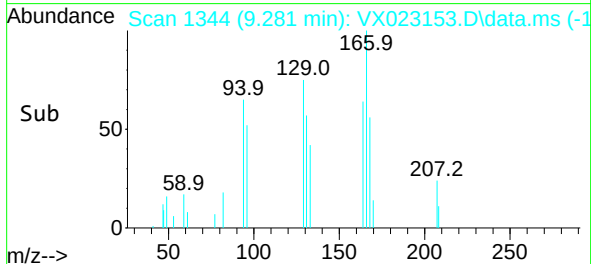
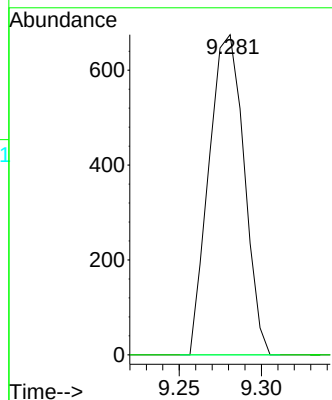
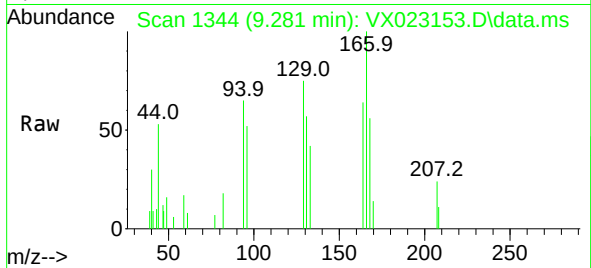




#60
Dibromochloromethane
Concen: 3.391 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.244 min
Lab File: VX023153.D
Acq: 06 Jul 2021 18:03

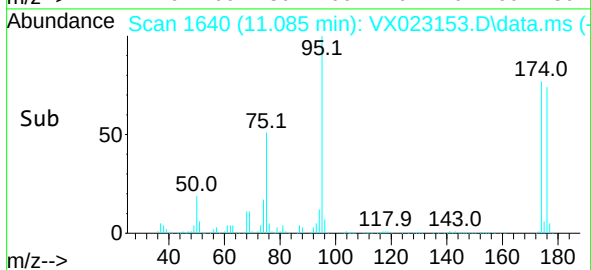
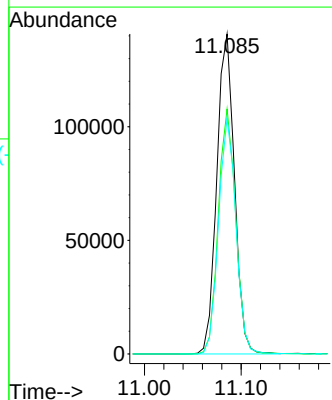
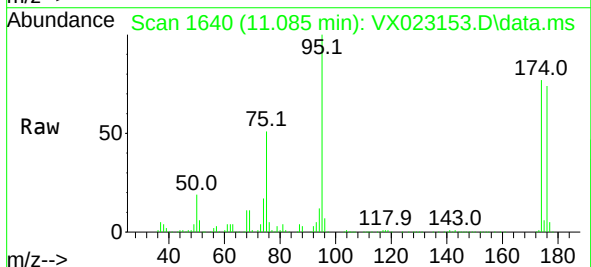
Instrument :
MSVOA_X
ClientSampled :

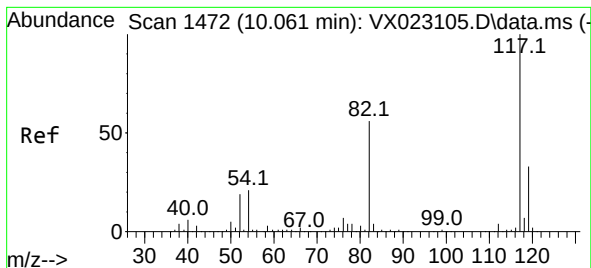
Tgt Ion:129 Resp: 1006
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 44.618 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023153.D
Acq: 06 Jul 2021 18:03

Tgt Ion: 95 Resp: 178708
Ion Ratio Lower Upper
95 100
174 75.5 0.0 154.6
176 72.5 0.0 155.8

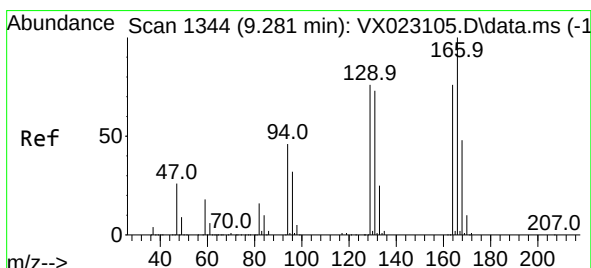
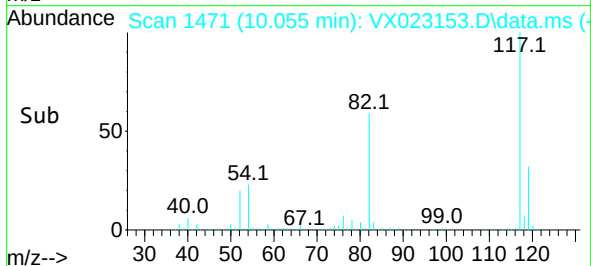
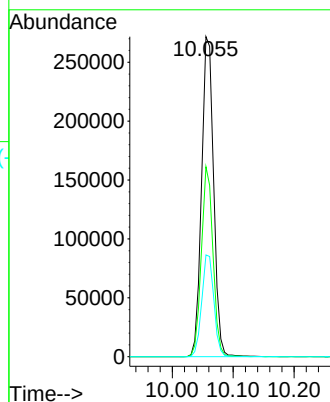
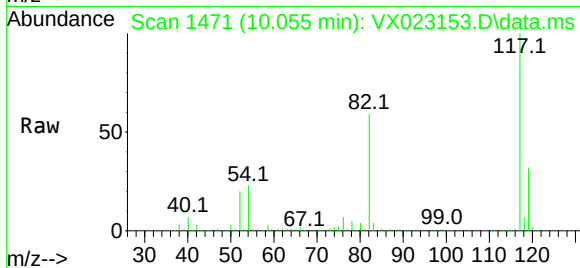




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023153.D
Acq: 06 Jul 2021 18:03

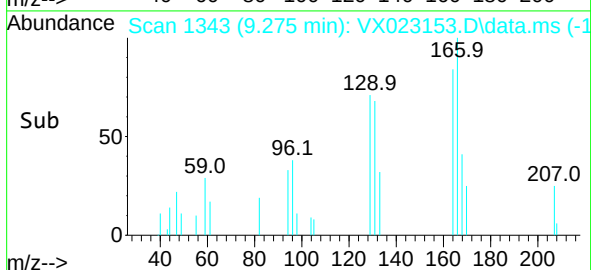
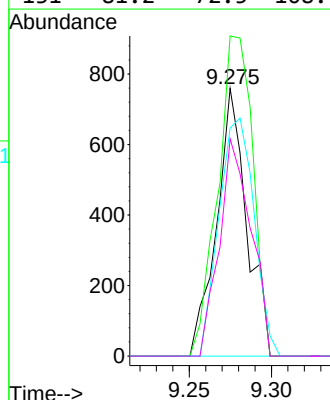
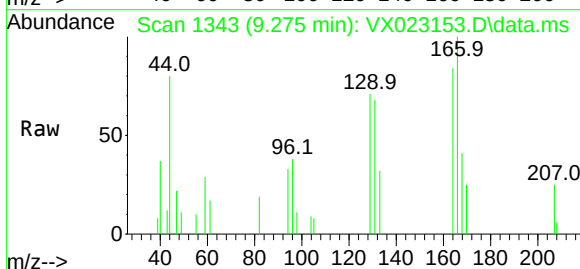
Instrument :
MSVOA_X
ClientSampled :

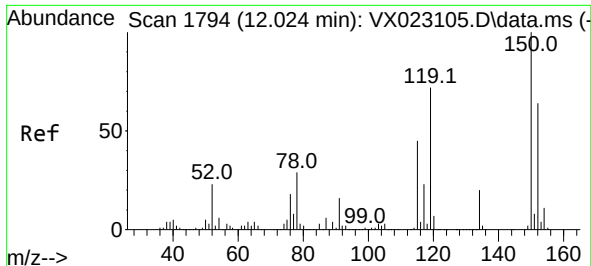
Tgt Ion:117 Resp: 374425
Ion Ratio Lower Upper
117 100
82 59.3 47.4 71.2
119 31.8 26.6 39.8



#64
Tetrachloroethene
Concen: 0.323 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.006 min
Lab File: VX023153.D
Acq: 06 Jul 2021 18:03

Tgt Ion:164 Resp: 966
Ion Ratio Lower Upper
164 100
166 119.6 103.4 155.2
129 85.2 70.8 106.2
131 81.2 72.5 108.7

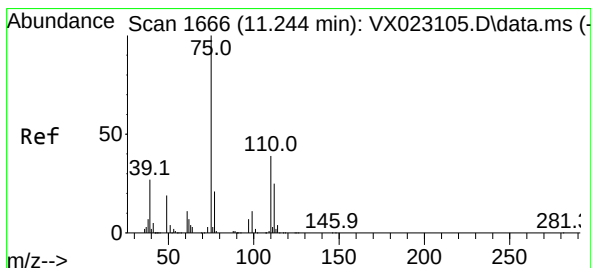
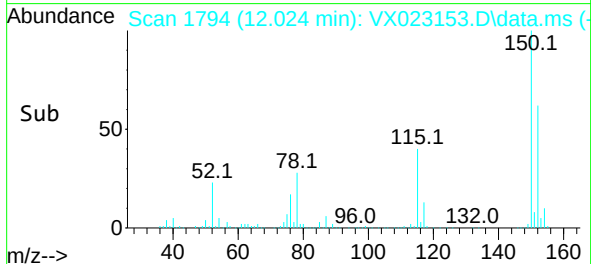
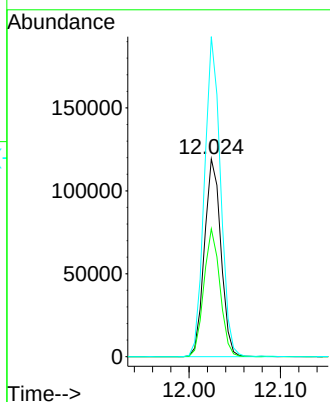
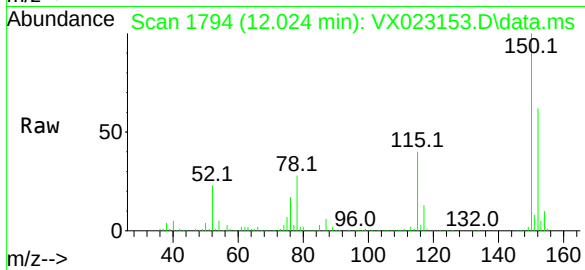




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX023153.D
 Acq: 06 Jul 2021 18:03

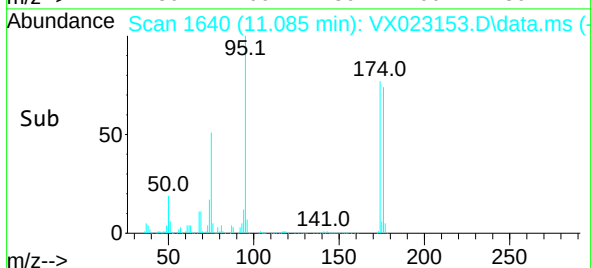
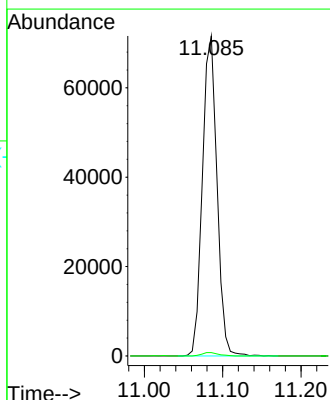
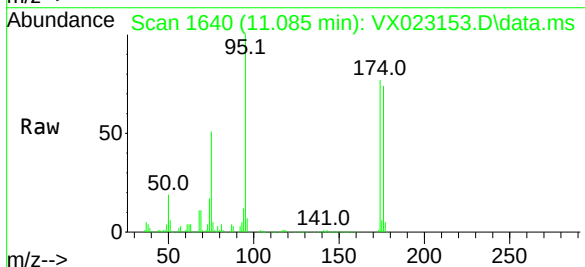
Instrument :
 MSVOA_X
 ClientSampled :

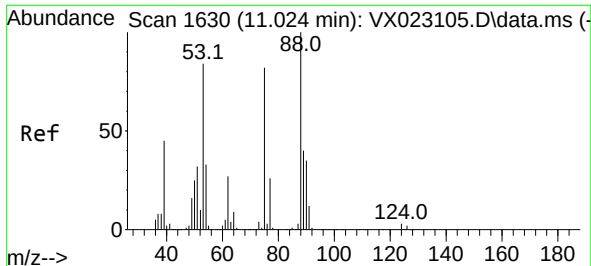
Tgt Ion:152 Resp: 148713
 Ion Ratio Lower Upper
 152 100
 115 63.1 41.1 123.3
 150 157.8 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 30.886 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX023153.D
 Acq: 06 Jul 2021 18:03

Tgt Ion: 75 Resp: 92429
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#

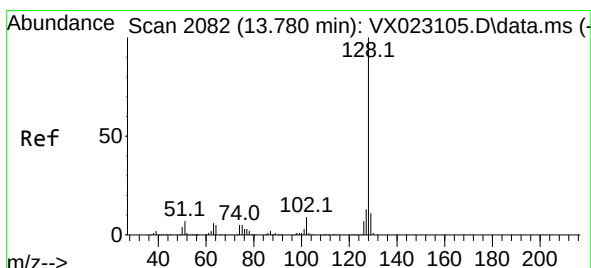
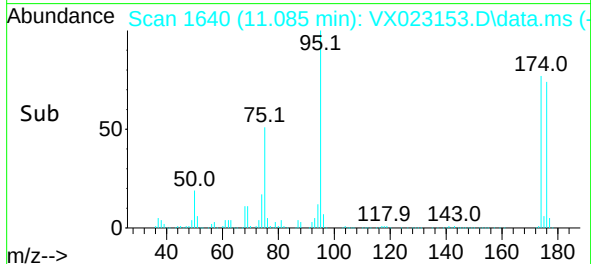
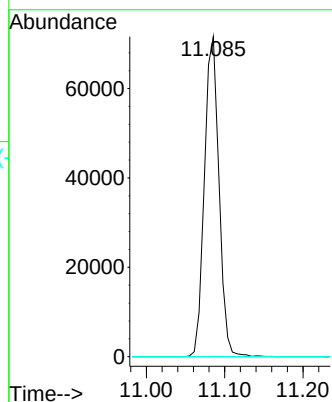
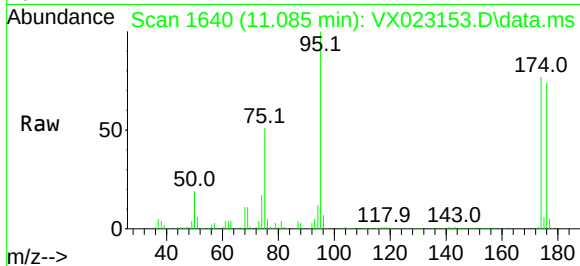




#81
trans-1,4-Dichloro-2-butene
Concen: 82.788 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023153.D
Acq: 06 Jul 2021 18:03

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 92429
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.297 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX023153.D
Acq: 06 Jul 2021 18:03

Tgt Ion:128 Resp: 244
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

