

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072221\
 Data File : VX023396.D
 Acq On : 23 Jul 2021 00:53
 Operator : JC/MD
 Sample : M3145-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 152140-MW-F

Quant Time: Jul 23 06:12:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:05:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	175458	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	293521	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	255104	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	101950	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	113849	52.017	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.040%	
35) Dibromofluoromethane	5.397	113	92018	50.140	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.280%	
50) Toluene-d8	8.653	98	347563	51.547	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 103.100%	
62) 4-Bromofluorobenzene	11.085	95	108325	47.246	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 94.500%	

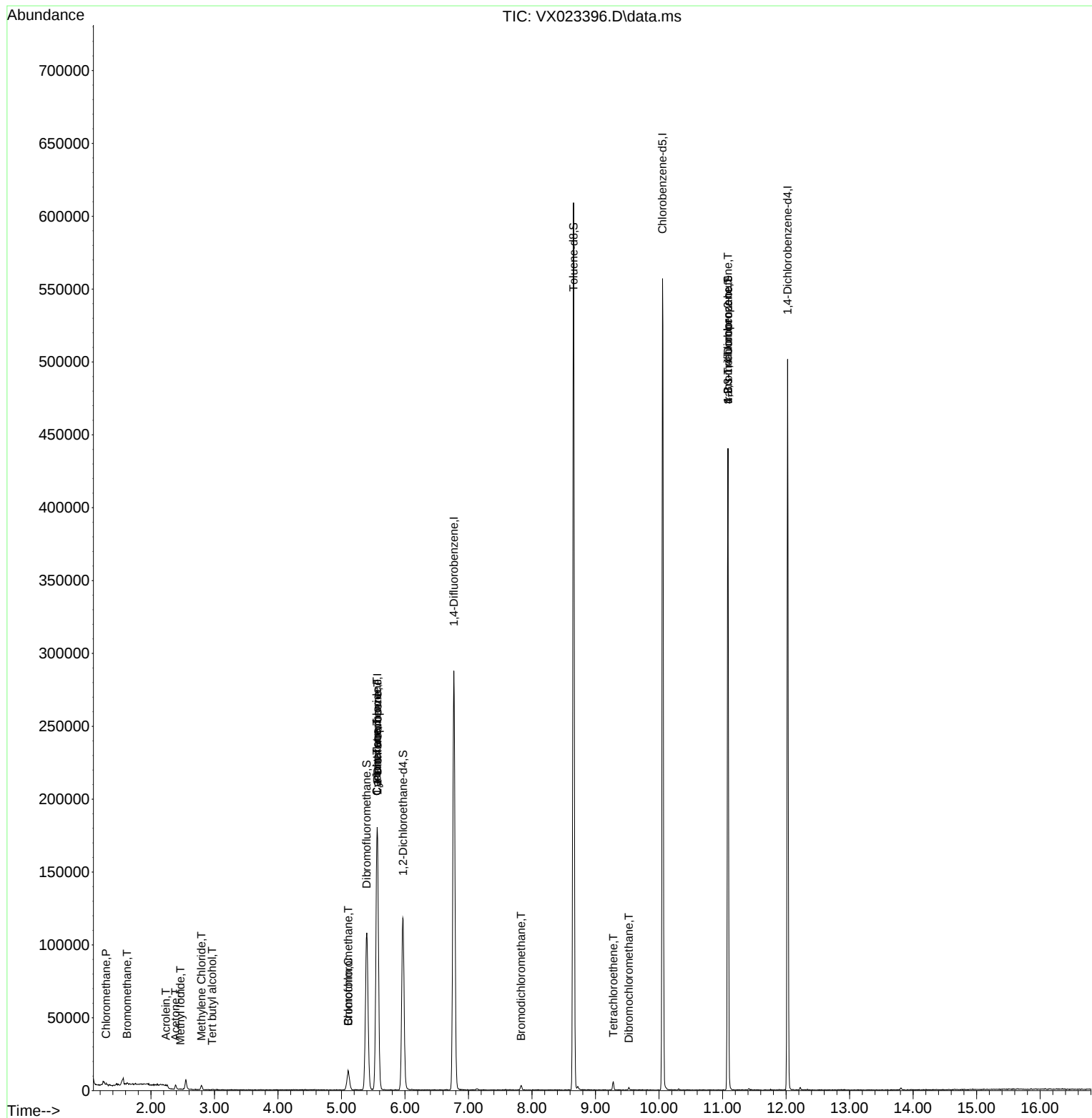
Target Compounds				Qvalue		
3) Chloromethane	1.294	50	540	0.287	ug/l #	68
5) Bromomethane	1.624	94	614	0.543	ug/l	94
10) Methyl Iodide	2.465	142	528	0.243	ug/l #	91
11) Tert butyl alcohol	2.965	59	180	0.360	ug/l #	73
13) Acrolein	2.233	56	175	2.048	ug/l #	69
16) Acetone	2.386	43	3257	3.034	ug/l	92
20) Methylene Chloride	2.794	84	1335	0.639	ug/l #	81
28) Bromochloromethane	5.105	49	1234	0.778	ug/l #	9
30) Chloroform	5.105	83	14641	4.206	ug/l	96
31) Cyclohexane	5.556	56	3652	1.126	ug/l #	16
36) 1,1-Dichloropropene	5.568	75	13205	4.973	ug/l #	49
38) Carbon Tetrachloride	5.556	117	17480	6.473	ug/l #	16
47) Bromodichloromethane	7.830	83	2011	0.790	ug/l #	94
60) Dibromochloromethane	9.525	129	623	2.256	ug/l	79
64) Tetrachloroethene	9.281	164	1082	0.533	ug/l #	79
76) 1,2,3-Trichloropropane	11.085	75	56749	25.295	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	56749	68.015	ug/l #	12

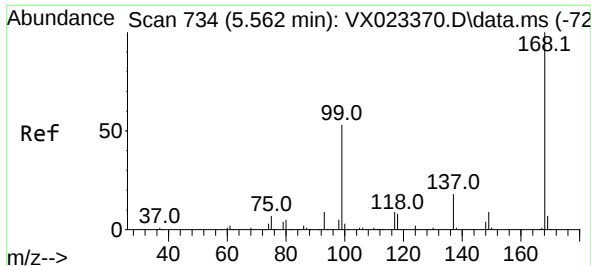
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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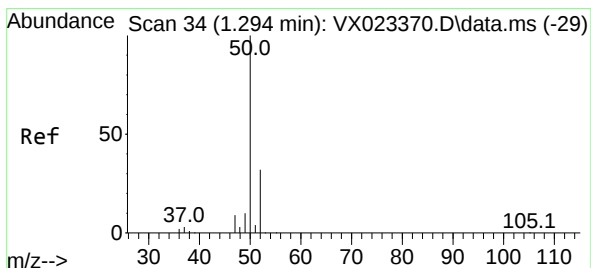
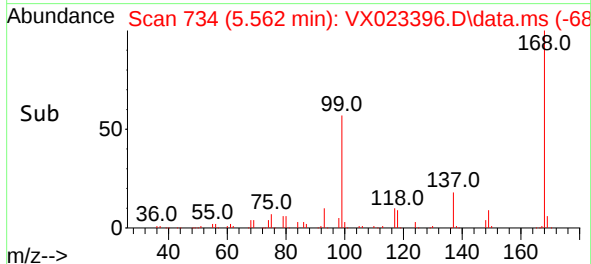
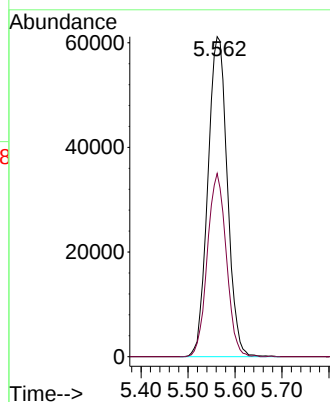
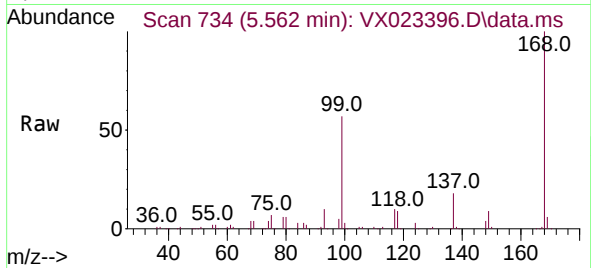




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023396.D
Acq: 23 Jul 2021 00:53

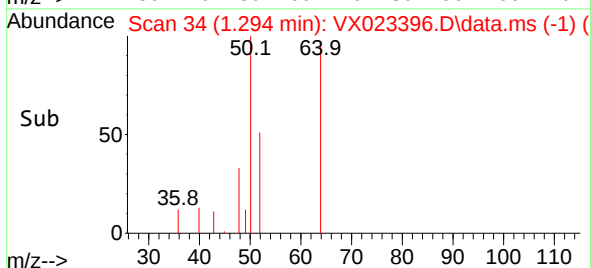
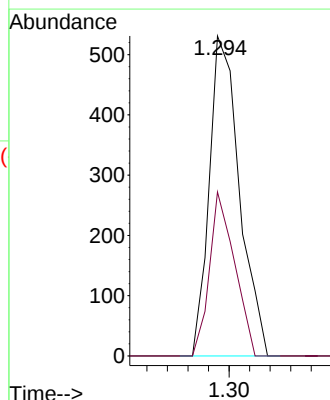
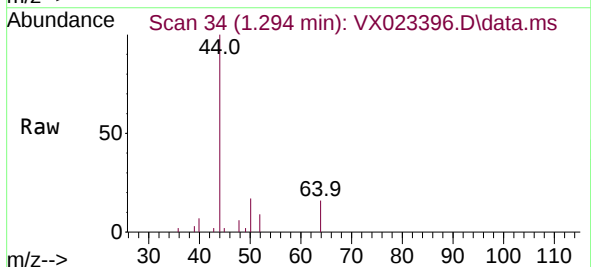
Instrument :
MSVOA_X
ClientSampleId :
152140-MW-F

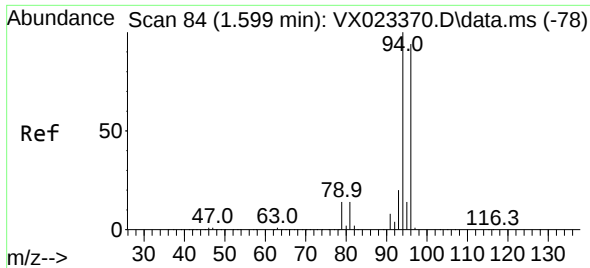
Tgt Ion:168 Resp: 175458
Ion Ratio Lower Upper
168 100
99 57.2 45.8 68.6



#3
Chloromethane
Concen: 0.287 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX023396.D
Acq: 23 Jul 2021 00:53

Tgt Ion: 50 Resp: 540
Ion Ratio Lower Upper
50 100
52 51.2 26.4 39.6#

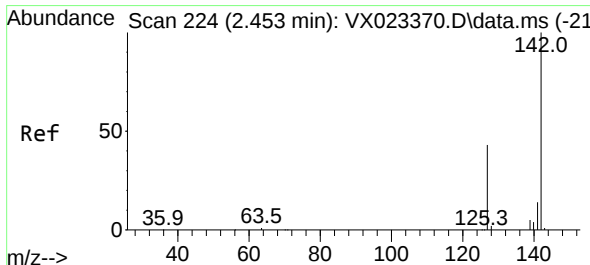
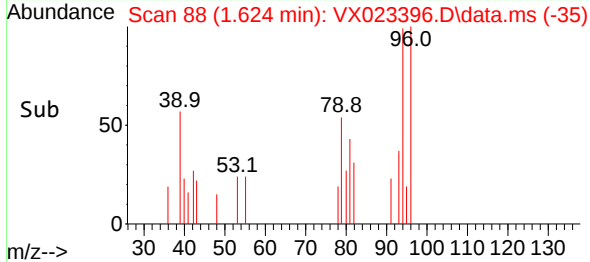
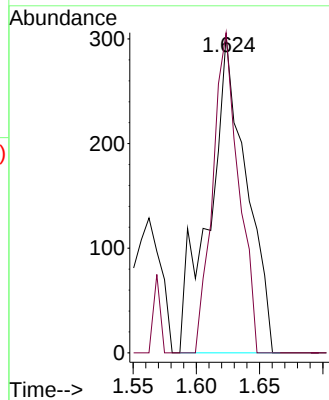
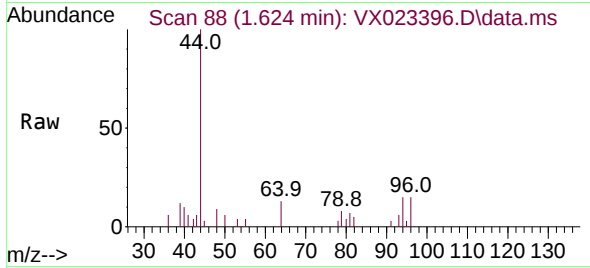




#5
Bromomethane
Concen: 0.543 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX023396.D
Acq: 23 Jul 2021 00:53

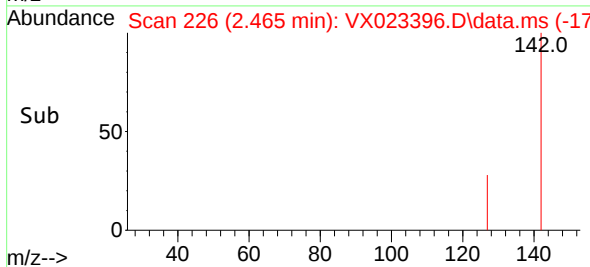
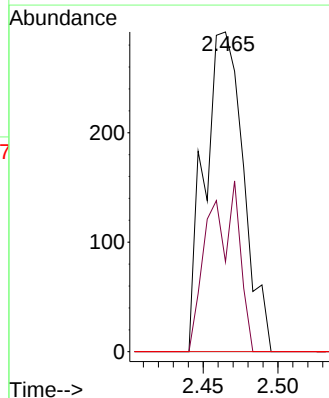
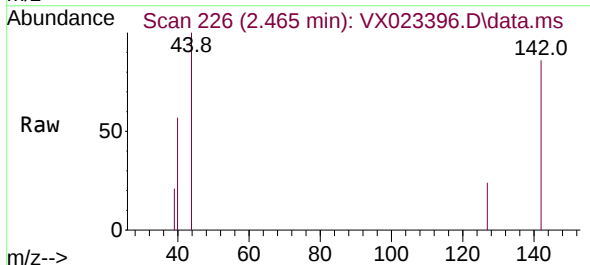
Instrument :
MSVOA_X
ClientSampleId :
152140-MW-F

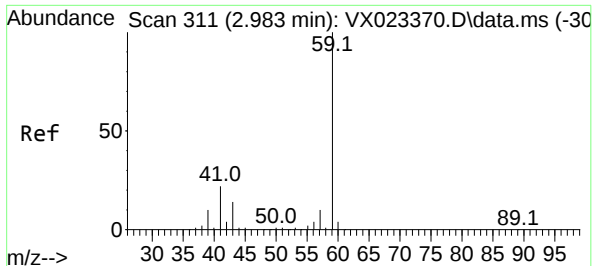
Tgt Ion: 94 Resp: 614
Ion Ratio Lower Upper
94 100
96 101.0 76.4 114.6



#10
Methyl Iodide
Concen: 0.243 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX023396.D
Acq: 23 Jul 2021 00:53

Tgt Ion: 142 Resp: 528
Ion Ratio Lower Upper
142 100
127 42.0 33.3 49.9
141 0.0 11.4 17.0#



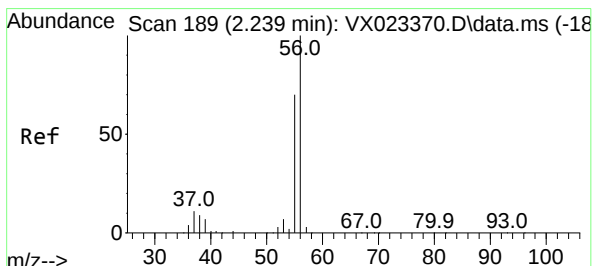
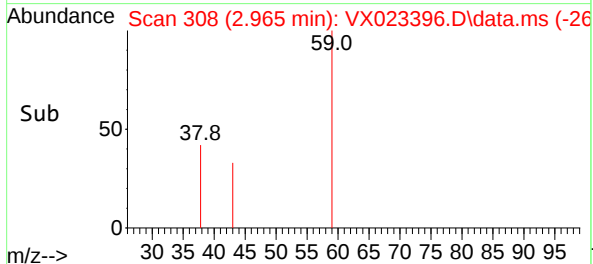
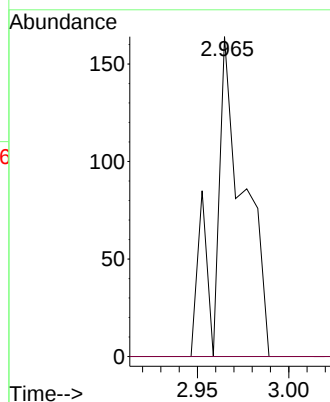
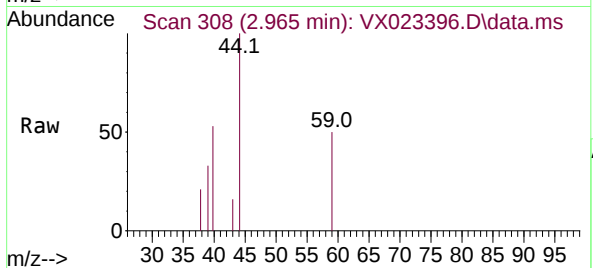


#11

Tert butyl alcohol
Concen: 0.360 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX023396.D
Acq: 23 Jul 2021 00:53

Instrument :
MSVOA_X
ClientSampleId :
152140-MW-F

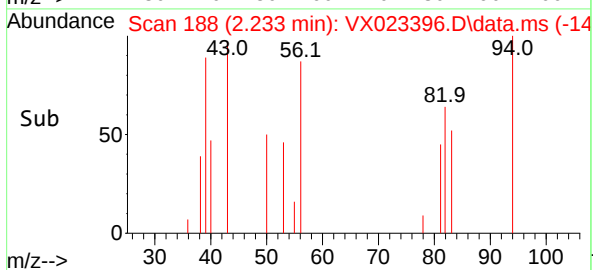
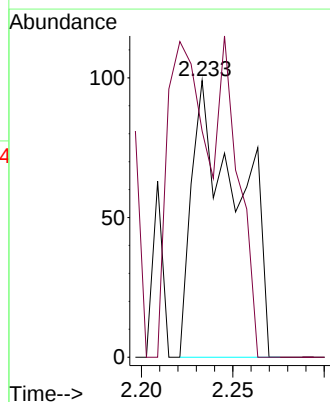
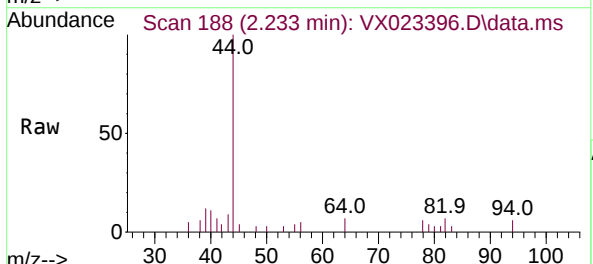
Tgt Ion: 59 Resp: 180
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

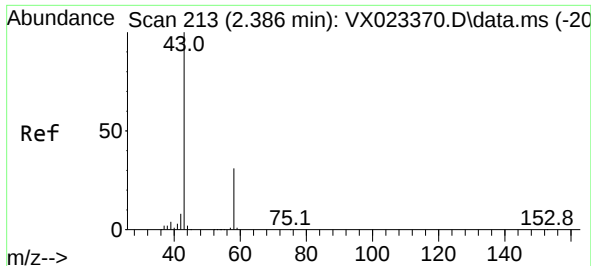


#13

Acrolein
Concen: 2.048 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX023396.D
Acq: 23 Jul 2021 00:53

Tgt Ion: 56 Resp: 175
Ion Ratio Lower Upper
56 100
55 96.0 56.4 84.6#

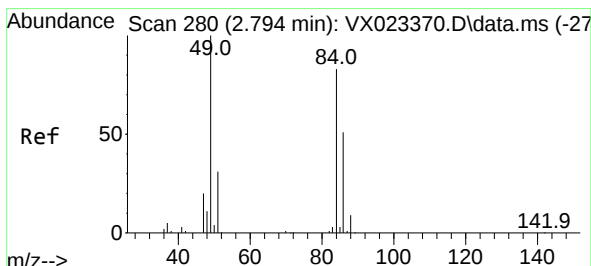
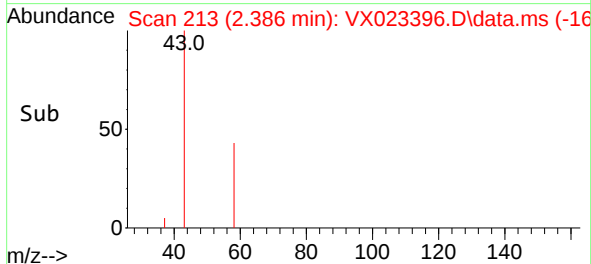
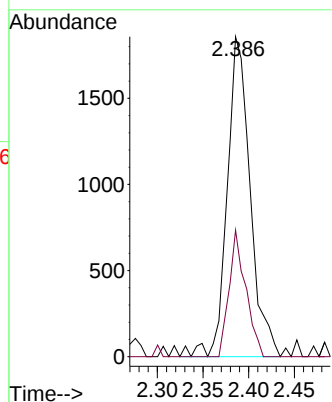
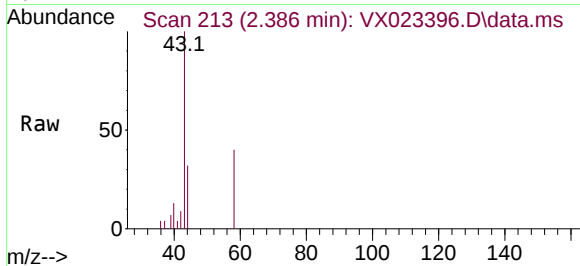




#16
Acetone
Concen: 3.034 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX023396.D
Acq: 23 Jul 2021 00:53

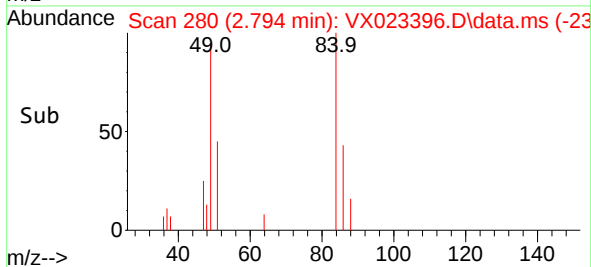
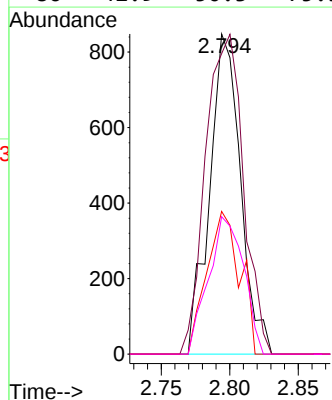
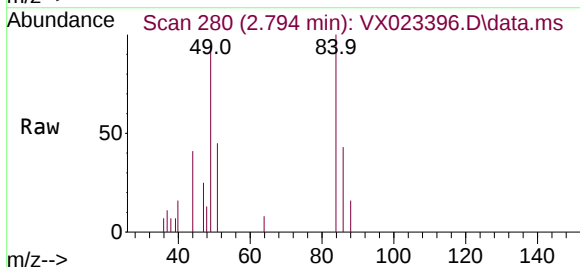
Instrument :
MSVOA_X
ClientSampleId :
152140-MW-F

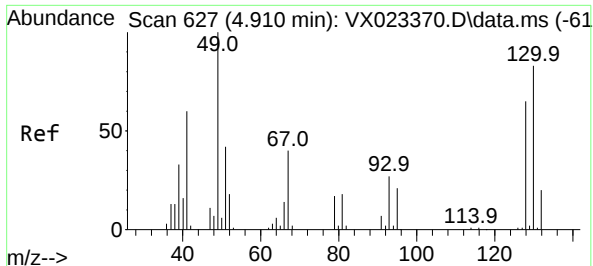
Tgt Ion: 43 Resp: 3257
Ion Ratio Lower Upper
43 100
58 39.6 27.8 41.8



#20
Methylene Chloride
Concen: 0.639 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023396.D
Acq: 23 Jul 2021 00:53

Tgt Ion: 84 Resp: 1335
Ion Ratio Lower Upper
84 100
49 93.9 88.6 132.8
51 44.6 27.0 40.6#
86 42.9 50.3 75.5#





#28

Bromochloromethane

Concen: 0.778 ug/l

RT: 5.105 min Scan# 659

Delta R.T. 0.195 min

Lab File: VX023396.D

Acq: 23 Jul 2021 00:53

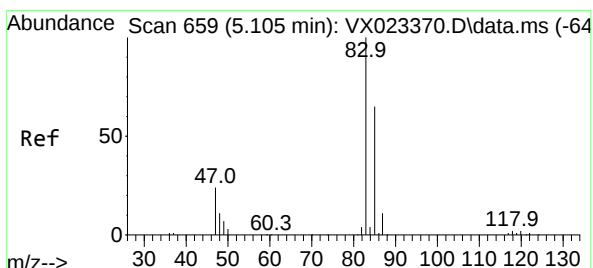
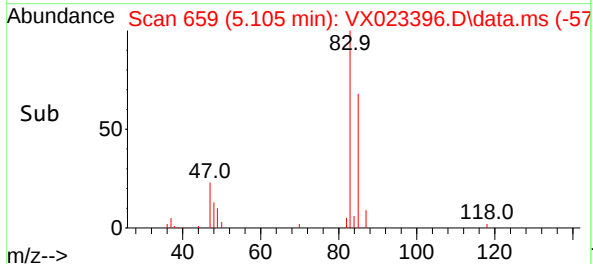
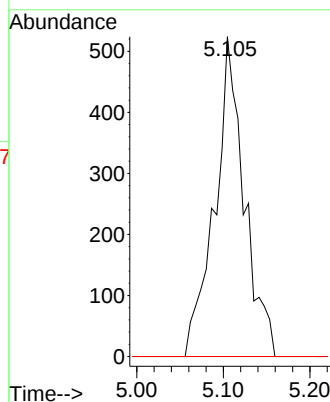
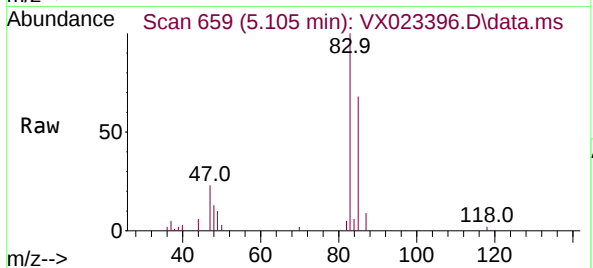
Instrument :

MSVOA_X

ClientSampleId :

152140-MW-F

Tgt Ion: 49	Resp: 1234
Ion Ratio	Lower Upper
49 100	
129 0.0	0.0 4.0
130 0.0	68.2 102.2#



#30

Chloroform

Concen: 4.206 ug/l

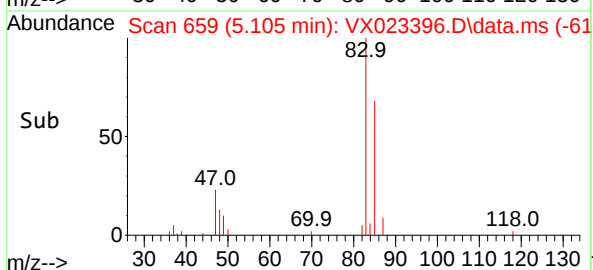
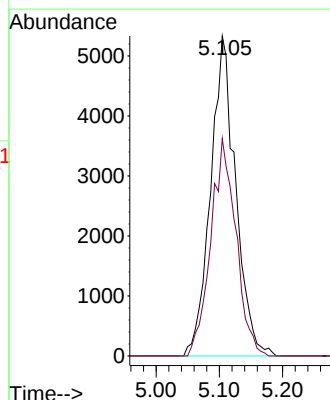
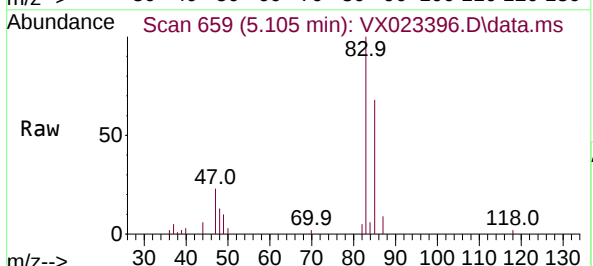
RT: 5.105 min Scan# 659

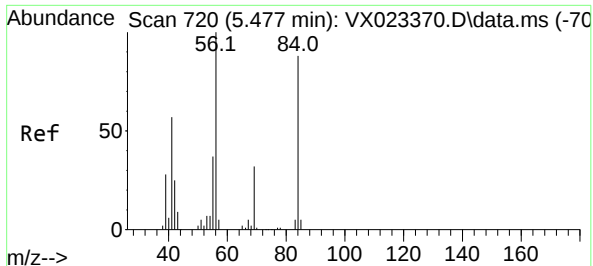
Delta R.T. -0.000 min

Lab File: VX023396.D

Acq: 23 Jul 2021 00:53

Tgt Ion: 83	Resp: 14641
Ion Ratio	Lower Upper
83 100	
85 67.9	52.0 78.0

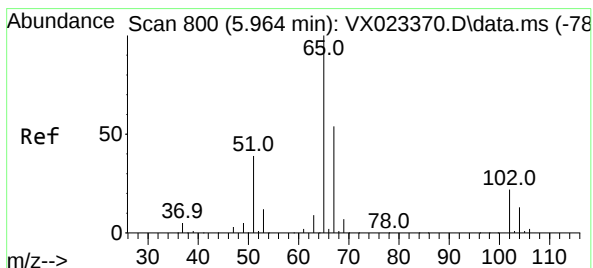
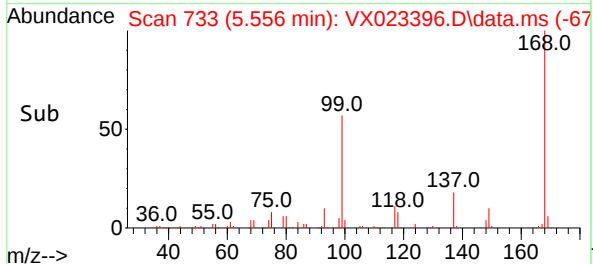
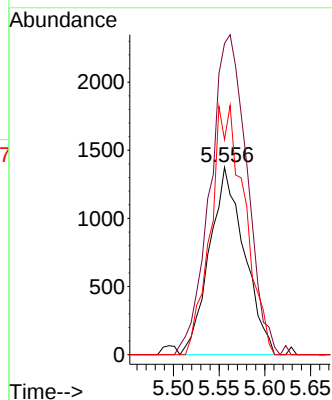
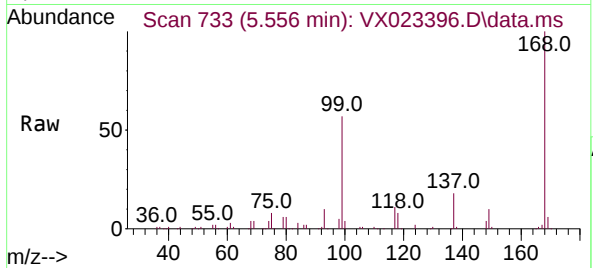




#31
Cyclohexane
Concen: 1.126 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX023396.D
Acq: 23 Jul 2021 00:53

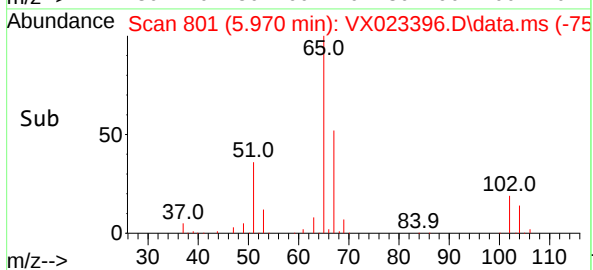
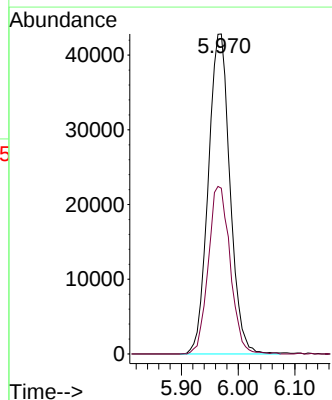
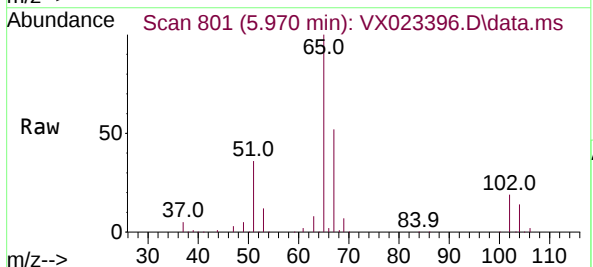
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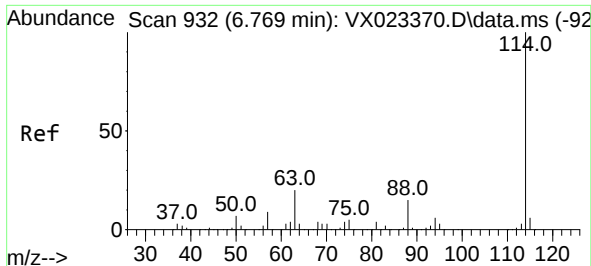
Tgt Ion: 56 Resp: 3652
Ion Ratio Lower Upper
56 100
69 166.0 25.3 37.9#
84 114.8 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 52.017 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX023396.D
Acq: 23 Jul 2021 00:53

Tgt Ion: 65 Resp: 113849
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.4

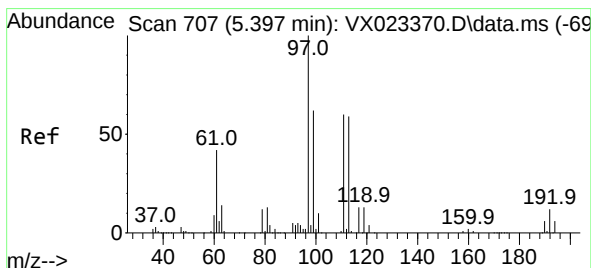
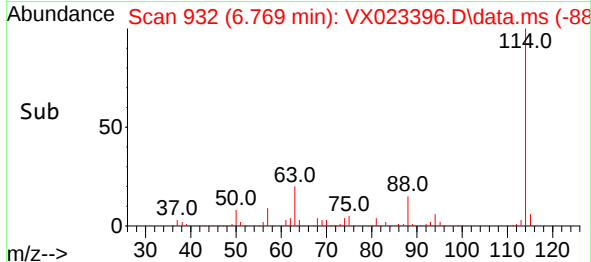
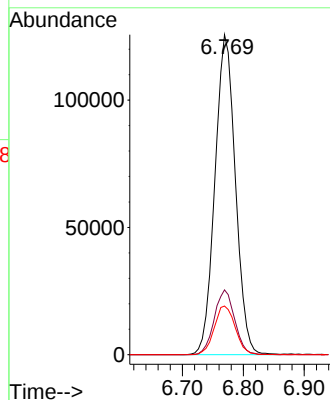
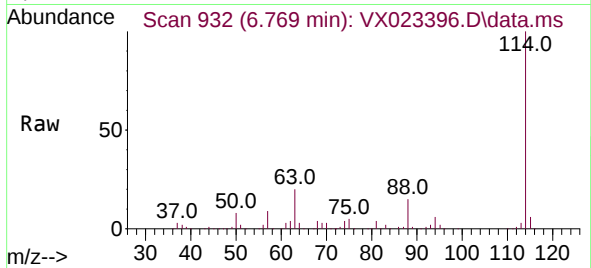




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX023396.D
Acq: 23 Jul 2021 00:53

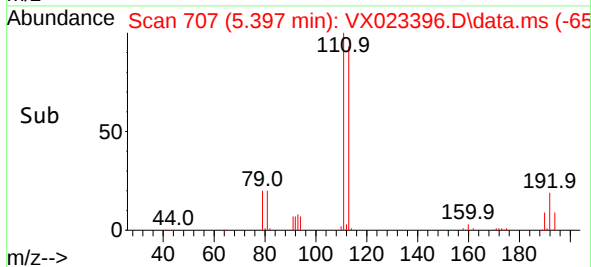
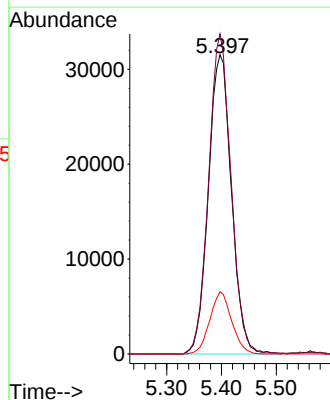
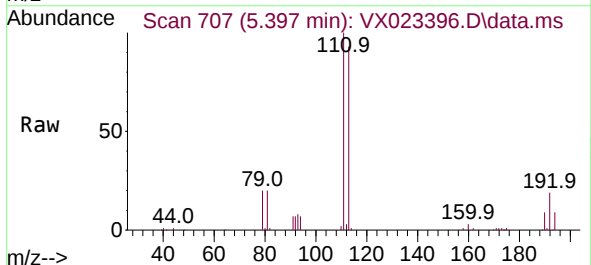
Instrument :
MSVOA_X
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152140-MW-F

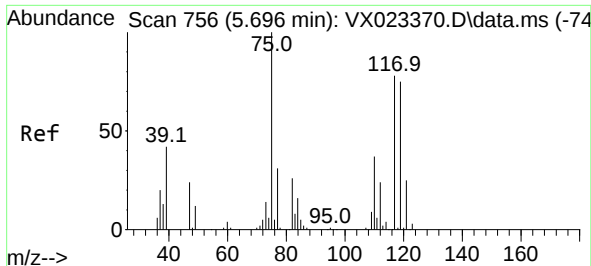
Tgt Ion:	114	Resp:	293521
Ion Ratio	Lower	Upper	
114	100		
63	20.3	0.0	40.8
88	15.2	0.0	32.8



#35
Dibromofluoromethane
Concen: 50.140 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023396.D
Acq: 23 Jul 2021 00:53

Tgt Ion:	113	Resp:	92018
Ion Ratio	Lower	Upper	
113	100		
111	104.3	81.9	122.9
192	19.7	16.7	25.1

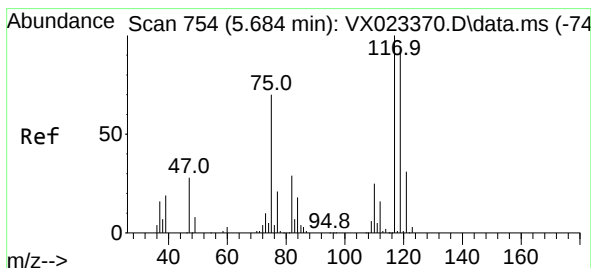
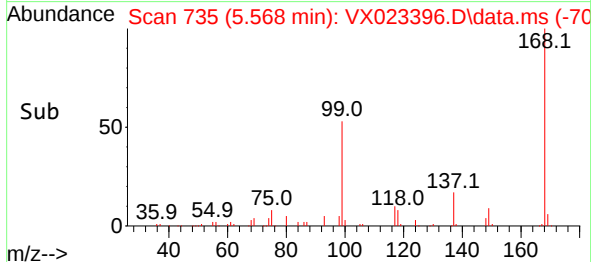
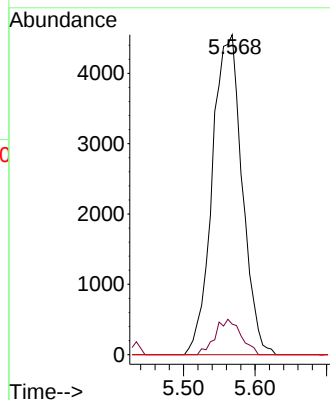
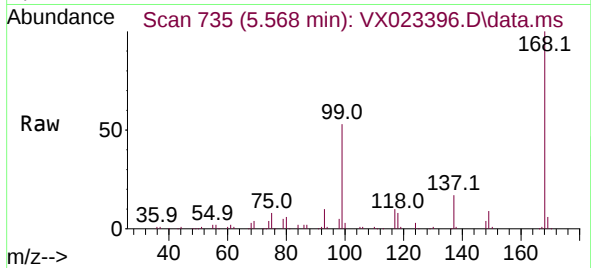




#36
1,1-Dichloropropene
Concen: 4.973 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.128 min
Lab File: VX023396.D
Acq: 23 Jul 2021 00:53

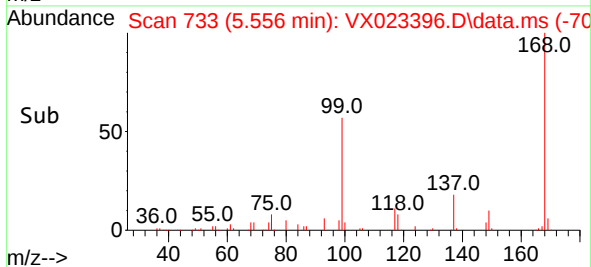
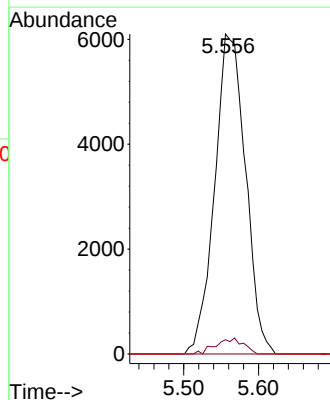
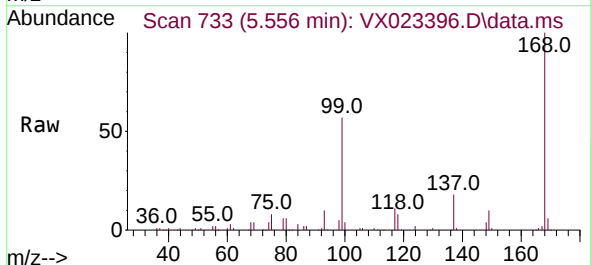
Instrument :
MSVOA_X
ClientSampleId :
152140-MW-F

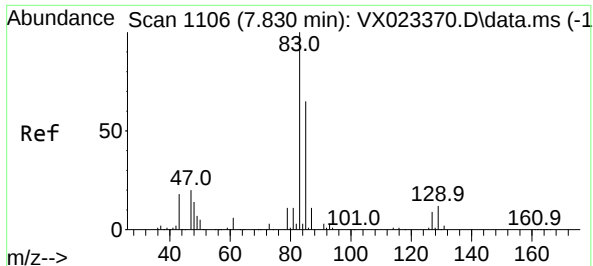
Tgt Ion: 75 Resp: 13205
Ion Ratio Lower Upper
75 100
110 9.5 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.473 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX023396.D
Acq: 23 Jul 2021 00:53

Tgt Ion: 117 Resp: 17480
Ion Ratio Lower Upper
117 100
119 4.5 76.2 114.2#
121 0.0 24.8 37.2#

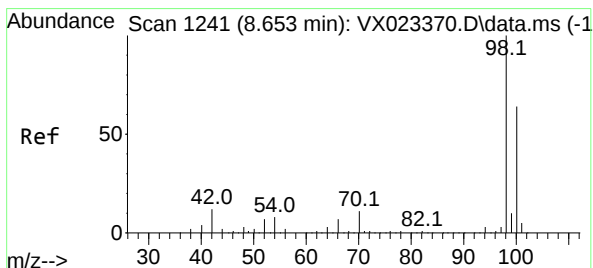
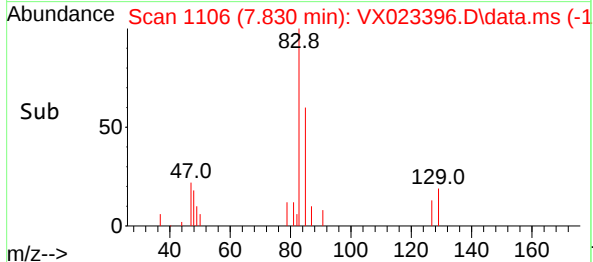
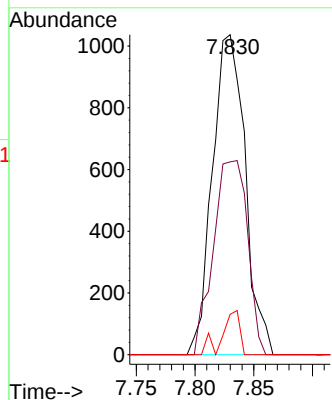
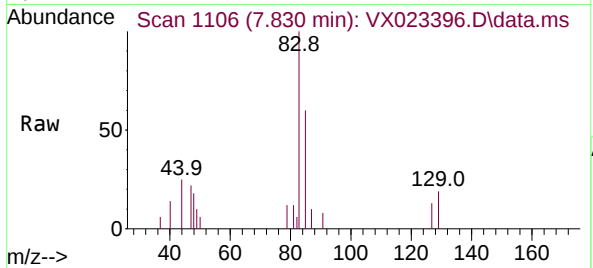




#47
Bromodichloromethane
Concen: 0.790 ug/l
RT: 7.830 min Scan# 1106
Delta R.T. -0.000 min
Lab File: VX023396.D
Acq: 23 Jul 2021 00:53

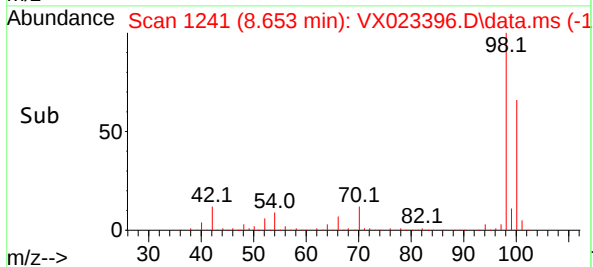
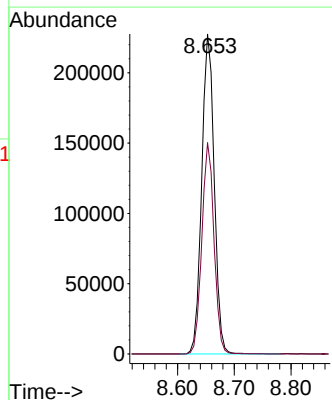
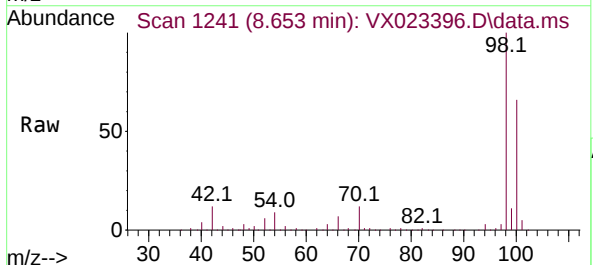
Instrument :
MSVOA_X
ClientSampleId :
152140-MW-F

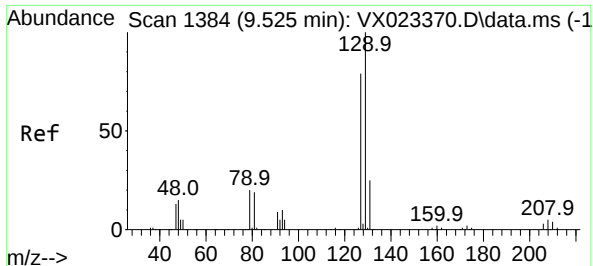
Tgt Ion: 83 Resp: 2011
Ion Ratio Lower Upper
83 100
85 60.3 51.4 77.0
127 12.6 6.8 10.2#



#50
Toluene-d8
Concen: 51.547 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023396.D
Acq: 23 Jul 2021 00:53

Tgt Ion: 98 Resp: 347563
Ion Ratio Lower Upper
98 100
100 64.5 51.9 77.9

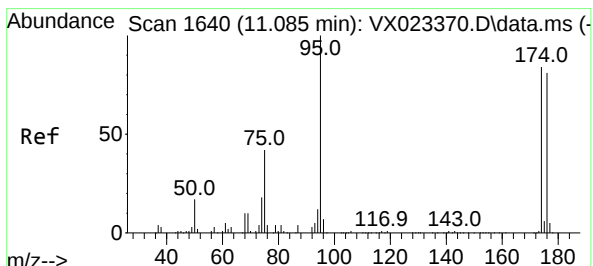
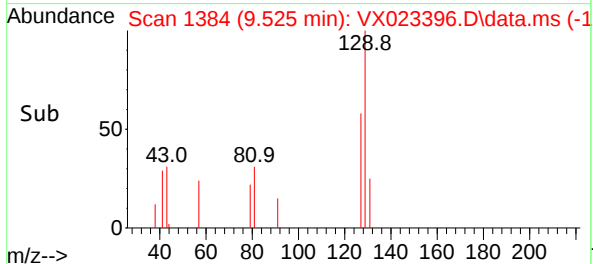
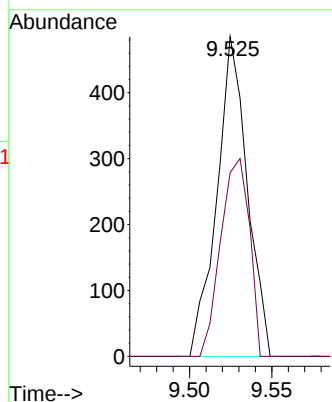
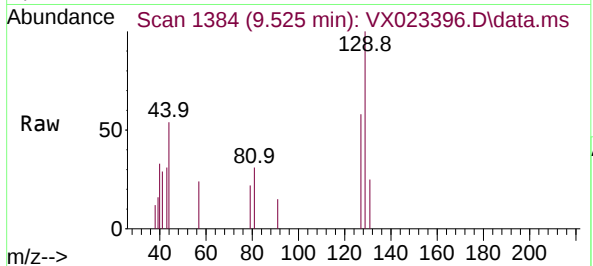




#60
Dibromochloromethane
Concen: 2.256 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX023396.D
Acq: 23 Jul 2021 00:53

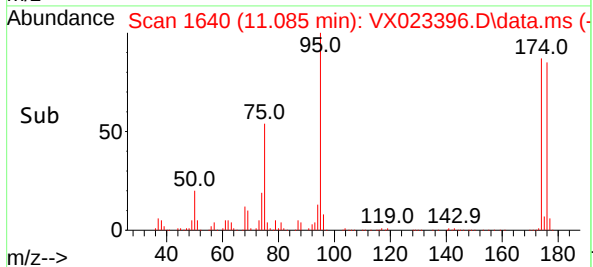
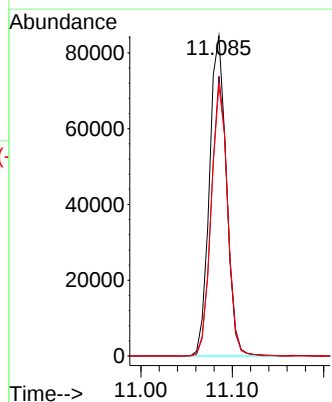
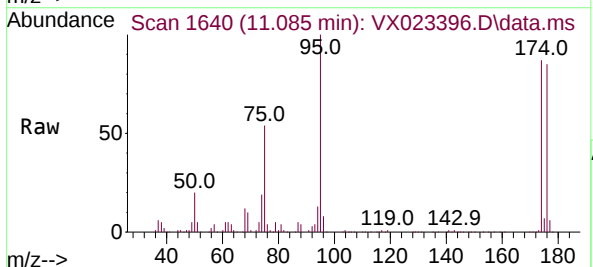
Instrument :
MSVOA_X
ClientSampled :
152140-MW-F

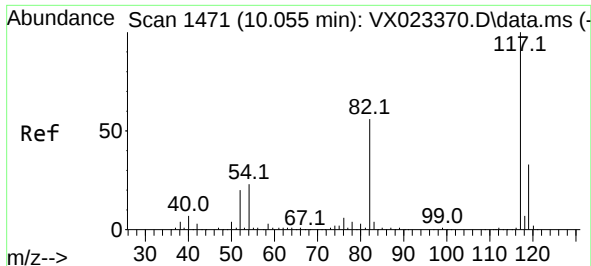
Tgt Ion:129 Resp: 623
Ion Ratio Lower Upper
129 100
127 58.4 38.4 115.2



#62
4-Bromofluorobenzene
Concen: 47.246 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023396.D
Acq: 23 Jul 2021 00:53

Tgt Ion: 95 Resp: 108325
Ion Ratio Lower Upper
95 100
174 83.6 0.0 154.6
176 81.5 0.0 155.8

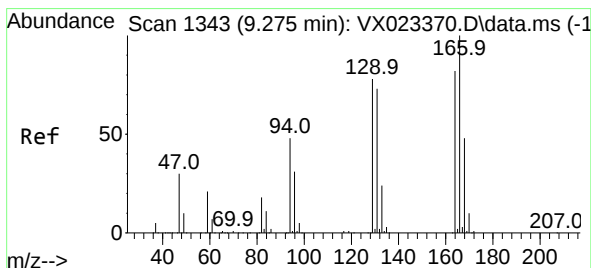
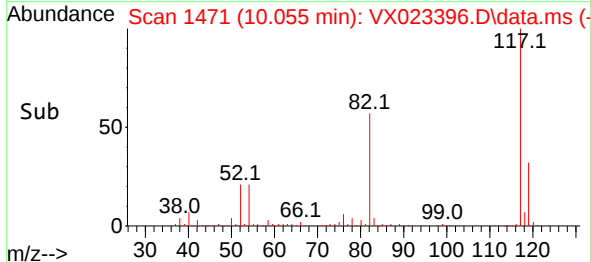
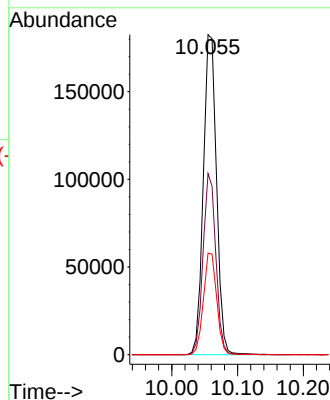
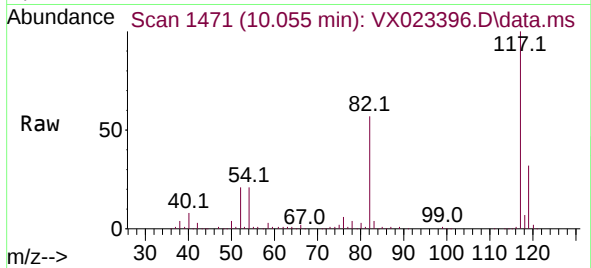




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX023396.D
Acq: 23 Jul 2021 00:53

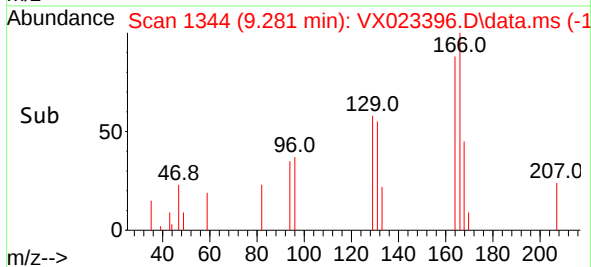
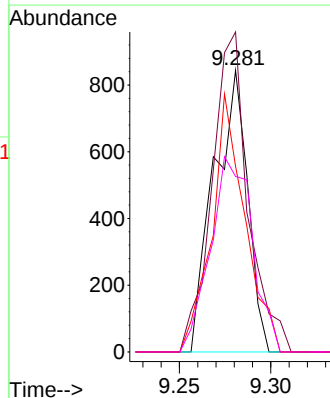
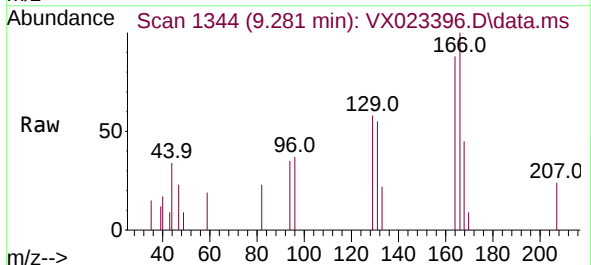
Instrument :
MSVOA_X
ClientSampleId :
152140-MW-F

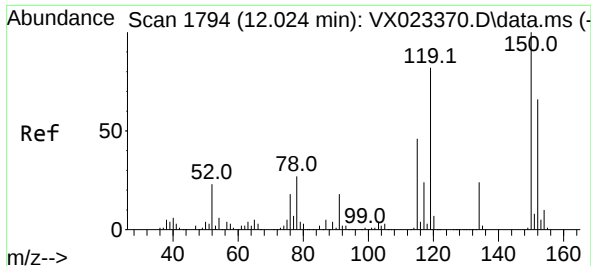
Tgt Ion:117 Resp: 255104
Ion Ratio Lower Upper
117 100
82 56.6 47.4 71.2
119 31.8 26.6 39.8



#64
Tetrachloroethene
Concen: 0.533 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX023396.D
Acq: 23 Jul 2021 00:53

Tgt Ion:164 Resp: 1082
Ion Ratio Lower Upper
164 100
166 113.6 103.4 155.2
129 65.9 70.8 106.2#
131 62.3 72.5 108.7#

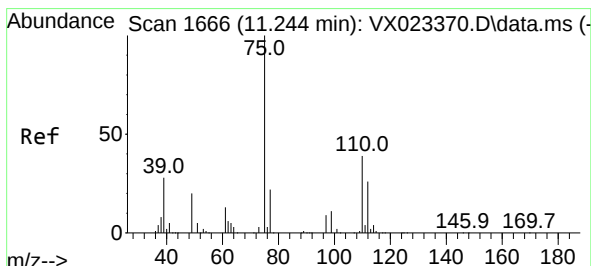
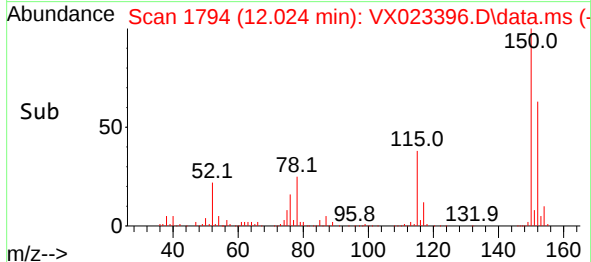
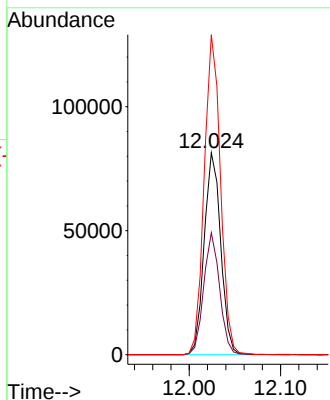
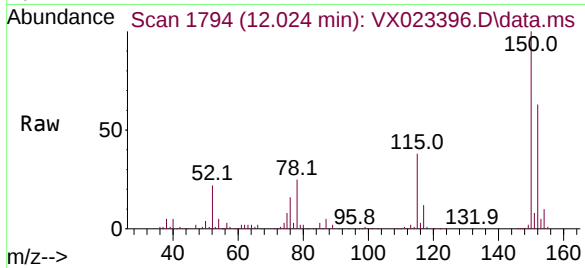




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023396.D
Acq: 23 Jul 2021 00:53

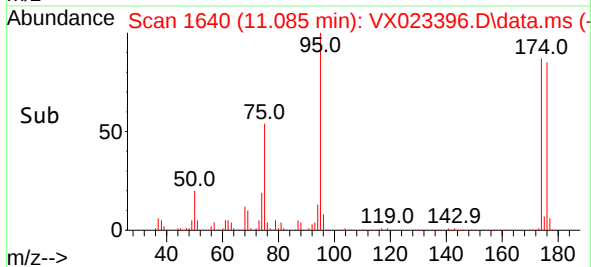
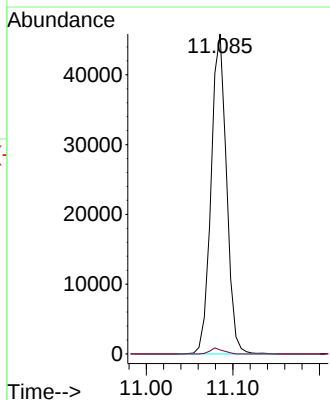
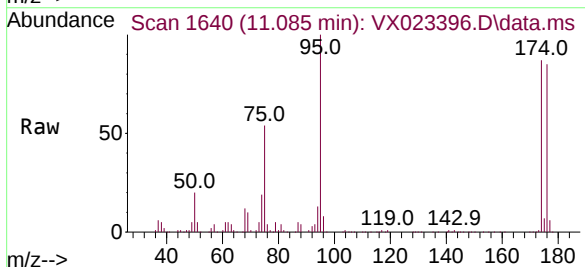
Instrument :
MSVOA_X
ClientSampleId :
152140-MW-F

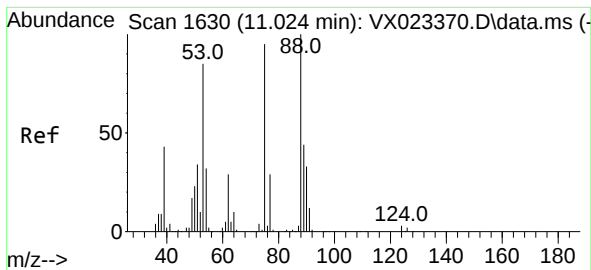
Tgt Ion:152 Resp: 101950
Ion Ratio Lower Upper
152 100
115 58.3 41.1 123.3
150 156.1 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 25.295 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023396.D
Acq: 23 Jul 2021 00:53

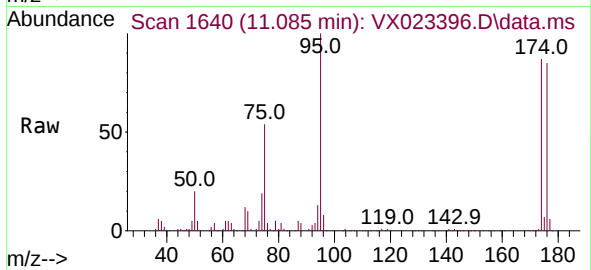
Tgt Ion: 75 Resp: 56749
Ion Ratio Lower Upper
75 100
77 1.6 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 68.015 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX023396.D
 Acq: 23 Jul 2021 00:53

Instrument :
 MSVOA_X
 ClientSampleId :
 152140-MW-F



Tgt Ion: 75 Resp: 56749
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.1 37.9 56.9#

