

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070121\
 Data File : VX023096.D
 Acq On : 01 Jul 2021 19:35
 Operator : JC/MD
 Sample : M2896-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FS-04

Quant Time: Jul 02 04:33:10 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)

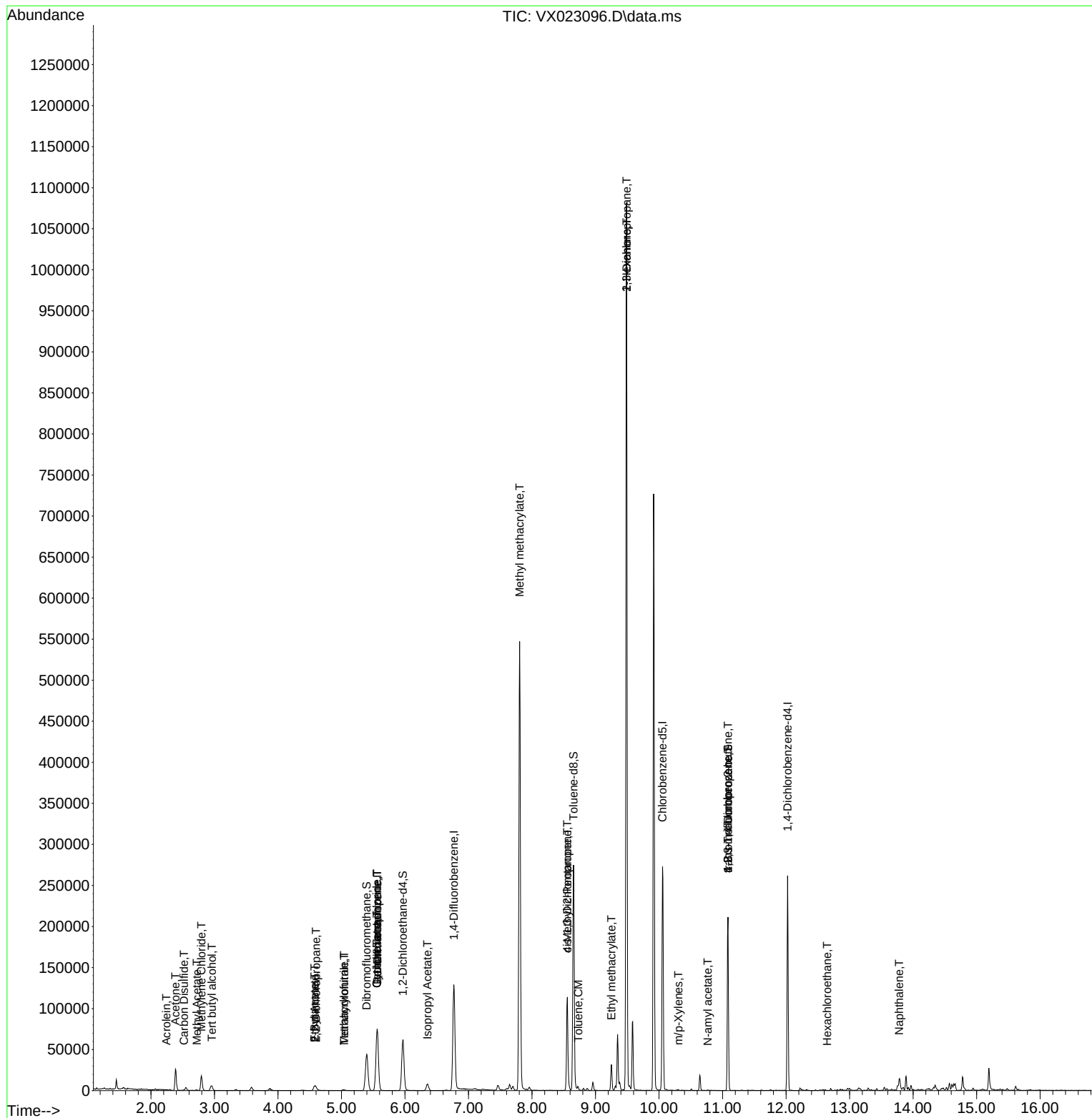
Internal Standards						
1) Pentafluorobenzene	5.562	168	55006	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	114348	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	104453	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	40037	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	63150	63.261	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 126.520%#			
35) Dibromofluoromethane	5.397	113	36813	50.697	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.400%			
50) Toluene-d8	8.653	98	146258	51.393	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.780%			
62) 4-Bromofluorobenzene	11.085	95	55506	52.260	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.520%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.958	59	4362	20.966	ug/l #	73
13) Acrolein	2.239	56	59	0.456	ug/l #	81
16) Acetone	2.385	43	26545	59.982	ug/l #	85
17) Carbon Disulfide	2.520	76	710	3.855	ug/l #	75
18) Methyl Acetate	2.721	43	1310	1.203	ug/l #	72
20) Methylene Chloride	2.794	84	7190	8.503	ug/l #	75
25) 2-Butanone	4.574	43	6021	8.749	ug/l #	77
26) 2,2-Dichloropropane	4.598	77	233	0.204	ug/l #	52
29) Tetrahydrofuran	5.043	42	807	1.823	ug/l #	73
31) Cyclohexane	5.556	56	2254	1.599	ug/l #	37
36) 1,1-Dichloropropene	5.562	75	6742	5.551	ug/l #	47
37) Ethyl Acetate	4.574	43	6021	4.280	ug/l #	66
38) Carbon Tetrachloride	5.556	117	7706	7.564	ug/l #	16
41) Methacrylonitrile	5.043	41	514	0.663	ug/l #	40
43) Isopropyl Acetate	6.354	43	10880	4.810	ug/l #	90
48) Methyl methacrylate	7.805	41	51437	49.135	ug/l #	38
51) 4-Methyl-2-Pentanone	8.555	43	42335	30.073	ug/l #	44
52) Toluene	8.726	92	1245	0.588	ug/l	95
54) cis-1,3-Dichloropropene	8.555	75	15898	12.400	ug/l #	70
56) Ethyl methacrylate	9.250	69	67	2.620	ug/l #	1
57) 1,3-Dichloropropane	9.488	76	8471	5.486	ug/l #	42
59) 2-Hexanone	9.488	43	132500	124.065	ug/l #	42
68) m/p-Xylenes	10.305	106	313	0.208	ug/l #	70
74) N-amyl acetate	10.768	43	459	2.285	ug/l #	38
76) 1,2,3-Trichloropropane	11.085	75	34485	32.609	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	34485	83.119	ug/l #	12
90) Hexachloroethane	12.646	117	130	3.942	ug/l #	9
95) Naphthalene	13.780	128	3987	3.097	ug/l #	95

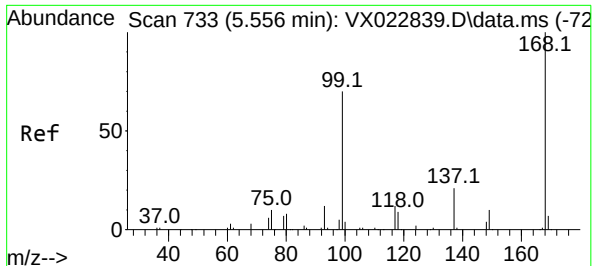
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070121\
Data File : VX023096.D
Acq On : 01 Jul 2021 19:35
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FS-04

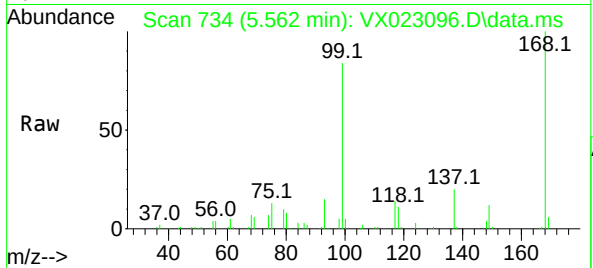
Quant Time: Jul 02 04:33:10 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 23 19:12:26 2021
Response via : Initial Calibration



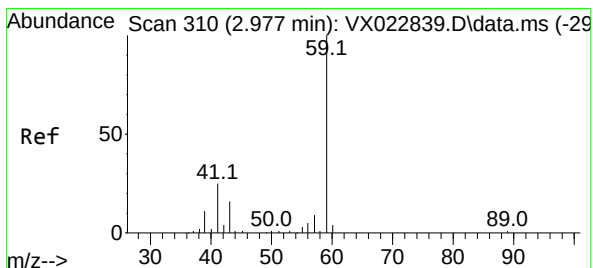
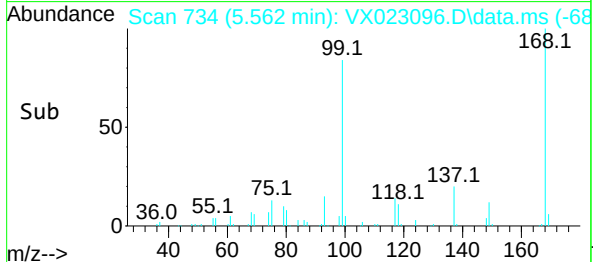
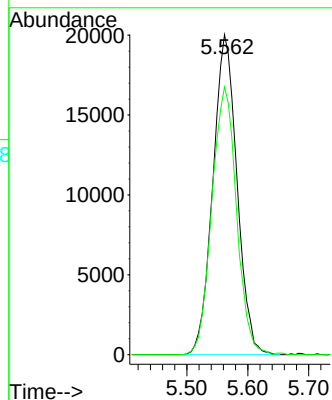


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX023096.D
Acq: 01 Jul 2021 19:35

Instrument :
MSVOA_X
ClientSampled :
FS-04

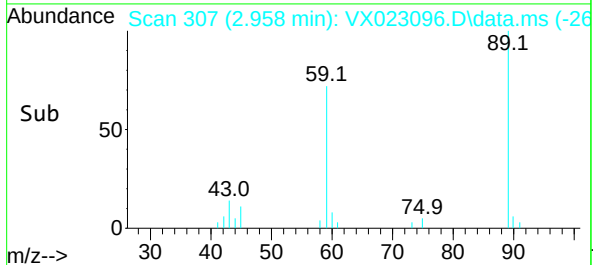
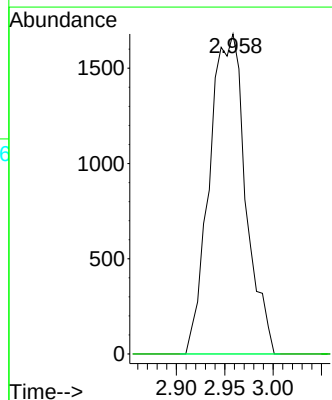
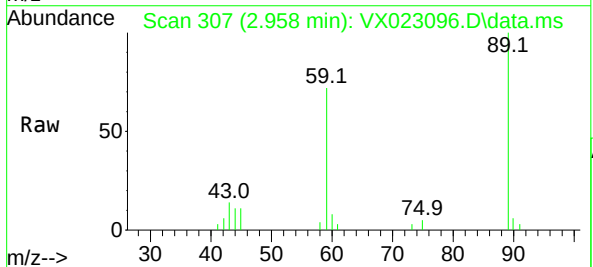


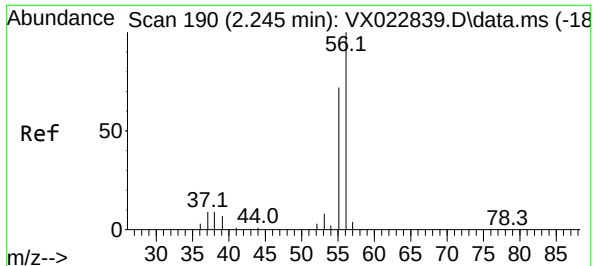
Tgt Ion:168 Resp: 55006
Ion Ratio Lower Upper
168 100
99 83.7 45.8 68.6#



#11
Tert butyl alcohol
Concen: 20.966 ug/l
RT: 2.958 min Scan# 307
Delta R.T. -0.019 min
Lab File: VX023096.D
Acq: 01 Jul 2021 19:35

Tgt Ion: 59 Resp: 4362
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

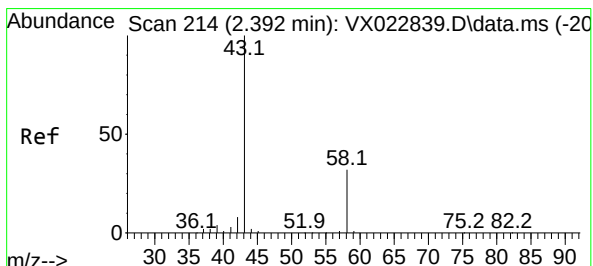
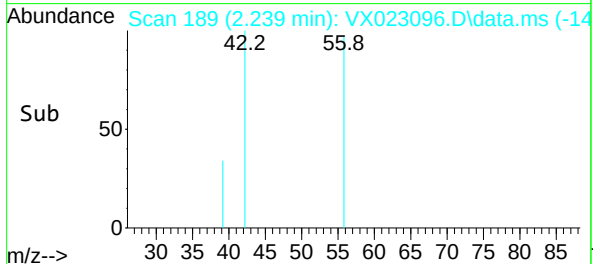
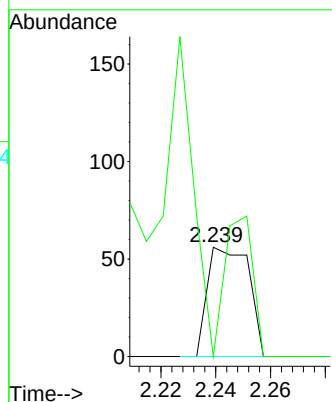
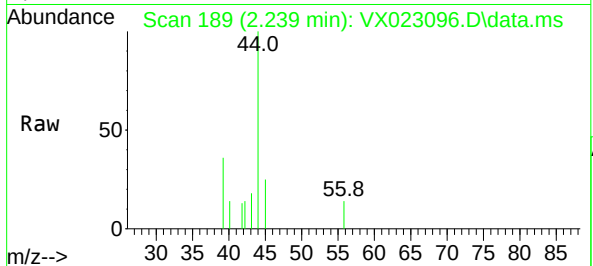




#13
Acrolein
Concen: 0.456 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.006 min
Lab File: VX023096.D
Acq: 01 Jul 2021 19:35

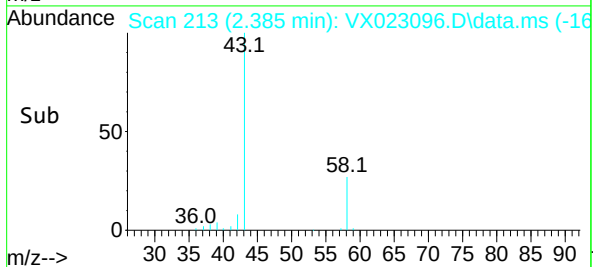
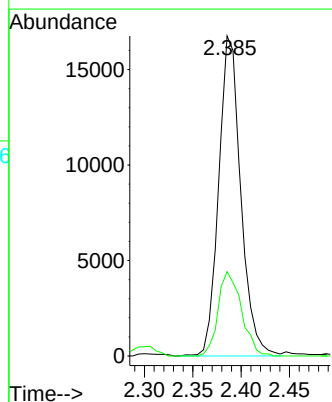
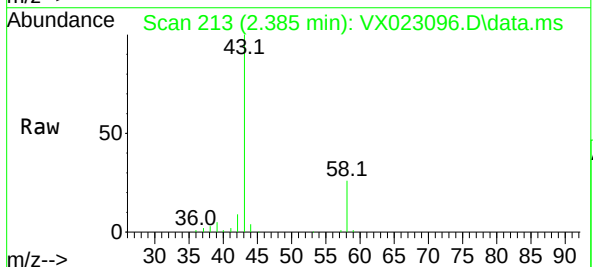
Instrument :
MSVOA_X
ClientSampled :
FS-04

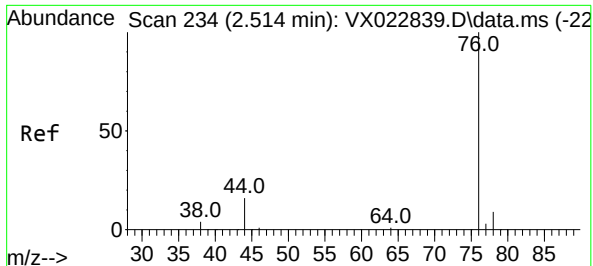
Tgt Ion: 56 Resp: 59
Ion Ratio Lower Upper
56 100
55 86.4 56.4 84.6#



#16
Acetone
Concen: 59.982 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.007 min
Lab File: VX023096.D
Acq: 01 Jul 2021 19:35

Tgt Ion: 43 Resp: 26545
Ion Ratio Lower Upper
43 100
58 26.3 27.8 41.8#

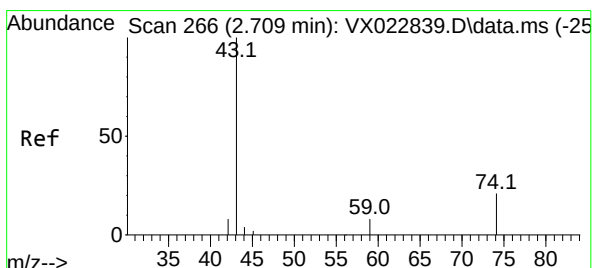
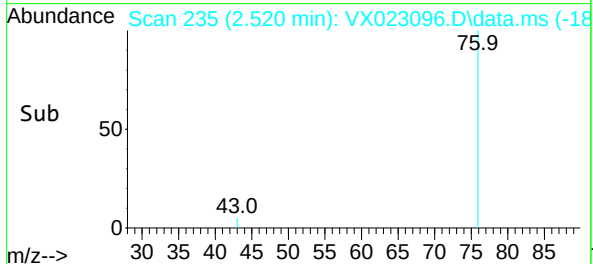
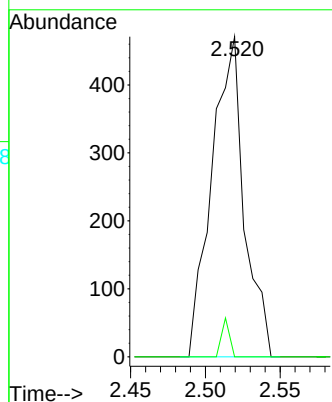
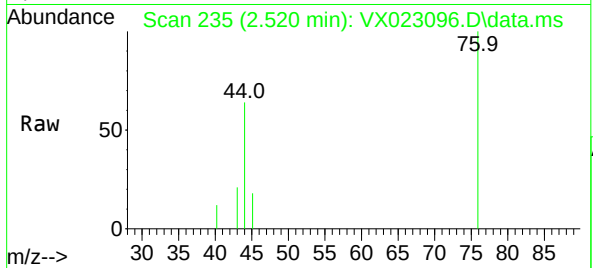




#17
Carbon Disulfide
Concen: 3.855 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX023096.D
Acq: 01 Jul 2021 19:35

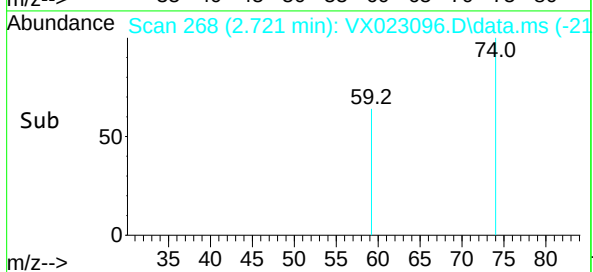
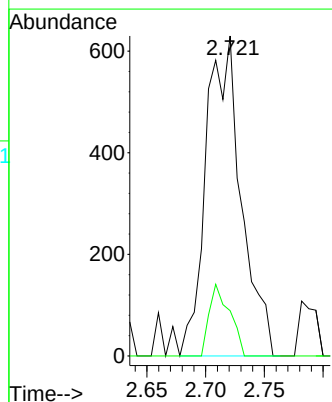
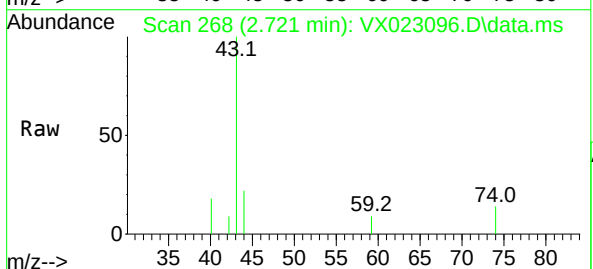
Instrument :
MSVOA_X
ClientSampled :
FS-04

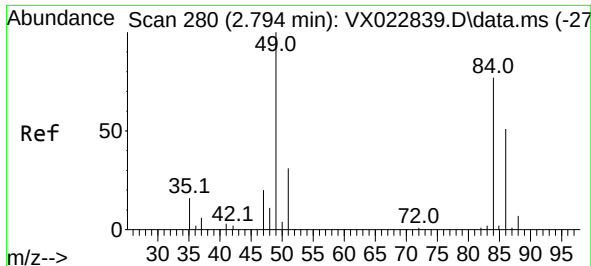
Tgt Ion: 76 Resp: 710
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 1.203 ug/l
RT: 2.721 min Scan# 268
Delta R.T. 0.012 min
Lab File: VX023096.D
Acq: 01 Jul 2021 19:35

Tgt Ion: 43 Resp: 1310
Ion Ratio Lower Upper
43 100
74 13.1 21.9 32.9#



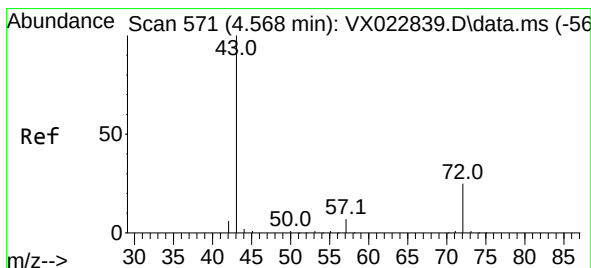
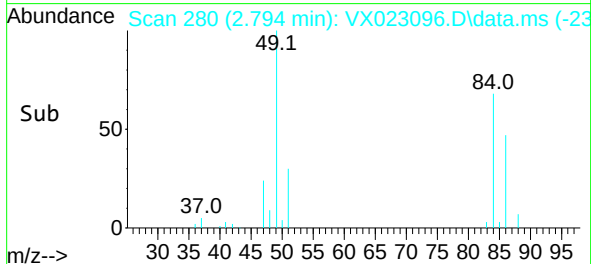
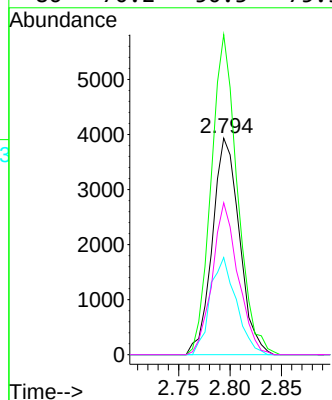
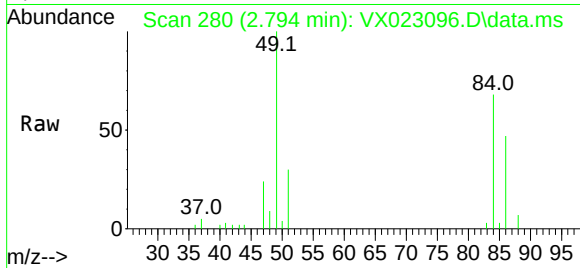


#20
Methylene Chloride
Concen: 8.503 ug/l
RT: 2.794 min Scan# 280
Delta R.T. -0.000 min
Lab File: VX023096.D
Acq: 01 Jul 2021 19:35

Instrument :
MSVOA_X
ClientSampled :
FS-04

Tgt Ion: 84 Resp: 7190

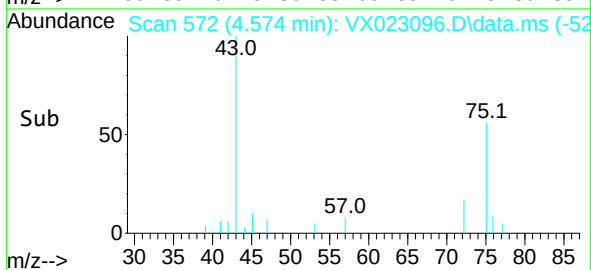
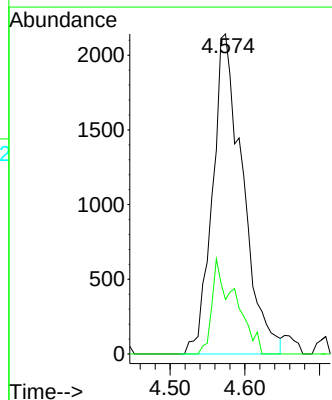
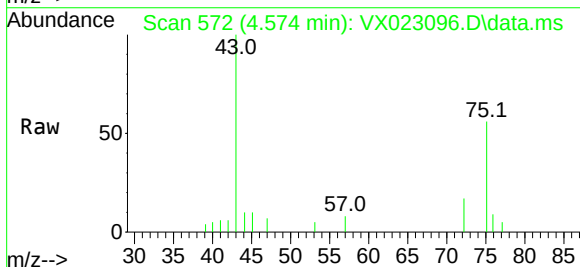
Ion	Ratio	Lower	Upper
84	100		
49	147.8	88.6	132.8#
51	44.9	27.0	40.6#
86	70.2	50.3	75.5

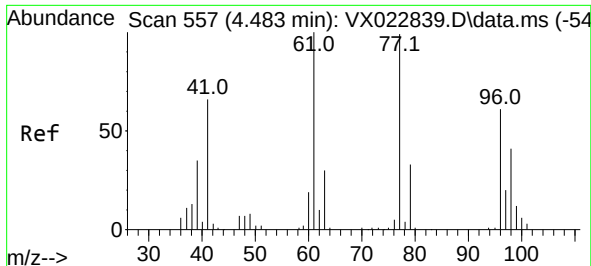


#25
2-Butanone
Concen: 8.749 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX023096.D
Acq: 01 Jul 2021 19:35

Tgt Ion: 43 Resp: 6021

Ion	Ratio	Lower	Upper
43	100		
72	17.0	23.7	35.5#

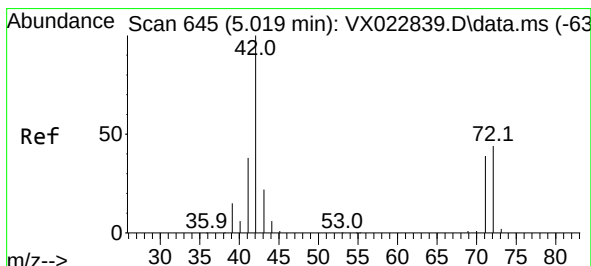
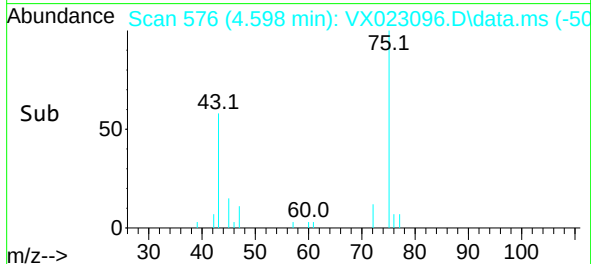
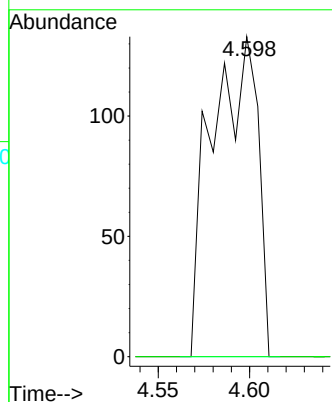
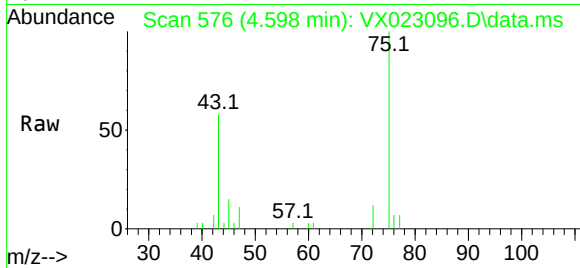




#26
2,2-Dichloropropane
Concen: 0.204 ug/l
RT: 4.598 min Scan# 576
Delta R.T. 0.115 min
Lab File: VX023096.D
Acq: 01 Jul 2021 19:35

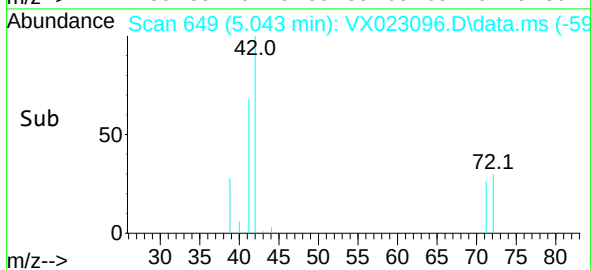
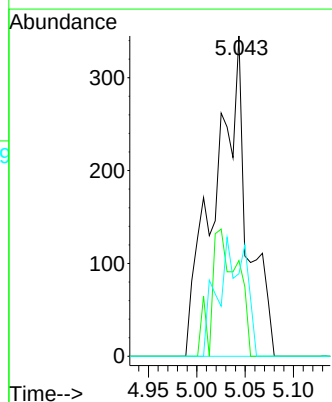
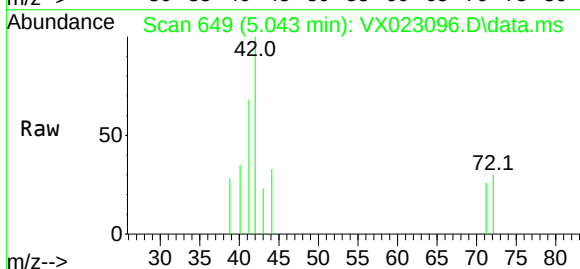
Instrument :
MSVOA_X
ClientSampled :
FS-04

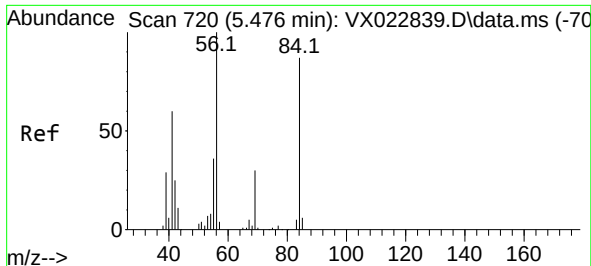
Tgt Ion: 77 Resp: 233
Ion Ratio Lower Upper
77 100
97 0.0 11.7 35.1#



#29
Tetrahydrofuran
Concen: 1.823 ug/l
RT: 5.043 min Scan# 649
Delta R.T. 0.024 min
Lab File: VX023096.D
Acq: 01 Jul 2021 19:35

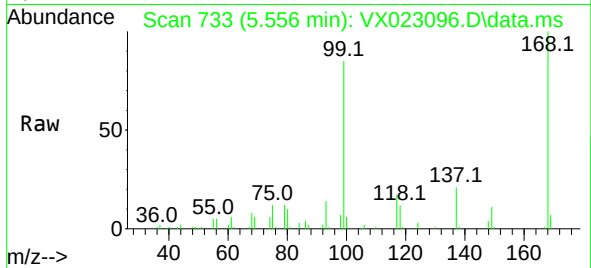
Tgt Ion: 42 Resp: 807
Ion Ratio Lower Upper
42 100
72 31.5 41.7 62.5#
71 31.1 38.4 57.6#



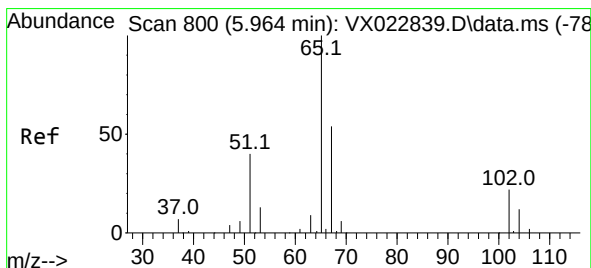
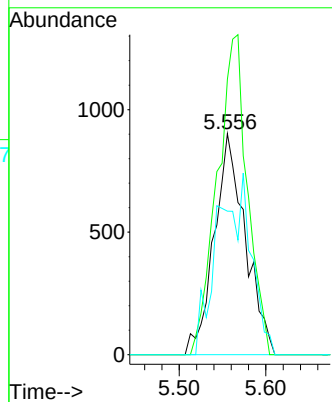
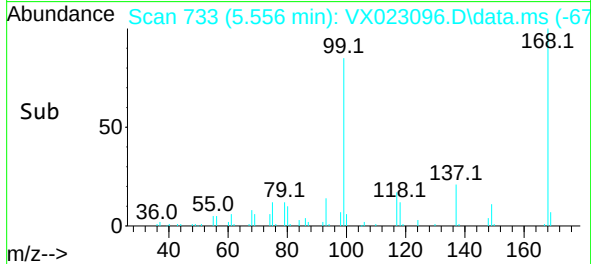


#31
Cyclohexane
Concen: 1.599 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.080 min
Lab File: VX023096.D
Acq: 01 Jul 2021 19:35

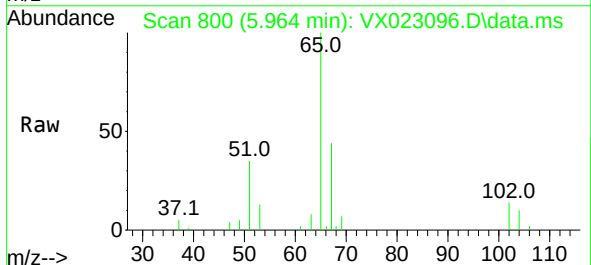
Instrument :
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ClientSampled :
FS-04



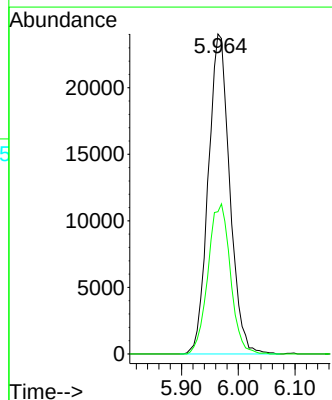
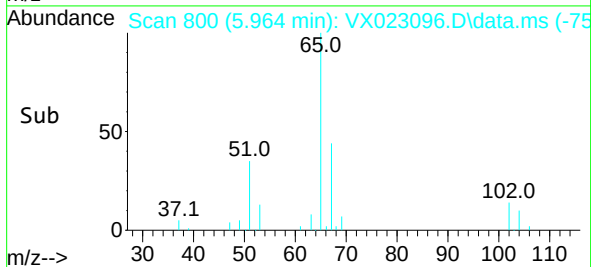
Tgt Ion: 56 Resp: 2254
Ion Ratio Lower Upper
56 100
69 124.6 25.3 37.9#
84 65.0 71.4 107.0#

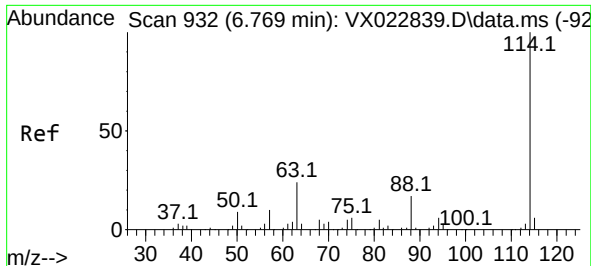


#33
1,2-Dichloroethane-d4
Concen: 63.261 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023096.D
Acq: 01 Jul 2021 19:35



Tgt Ion: 65 Resp: 63150
Ion Ratio Lower Upper
65 100
67 48.9 0.0 105.4

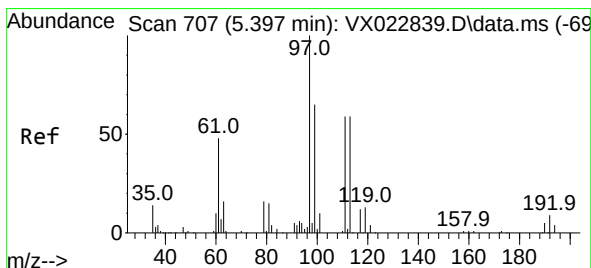
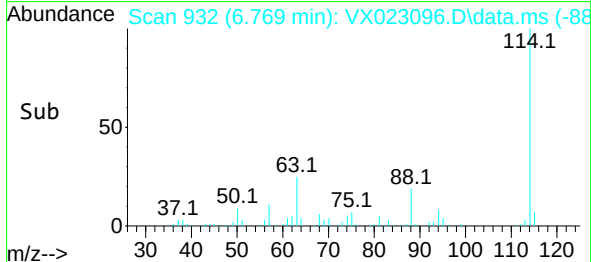
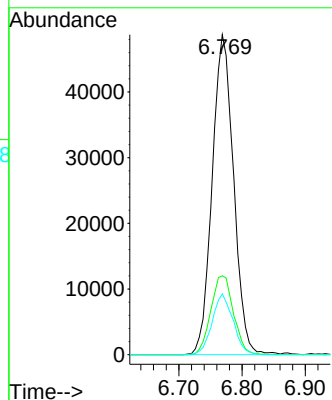
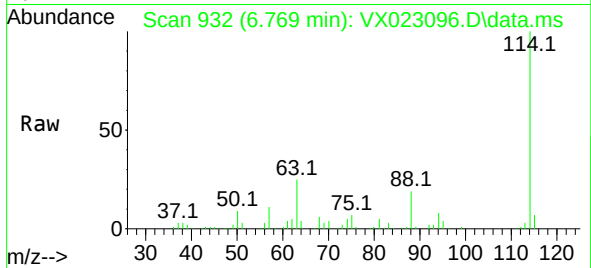




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX023096.D
Acq: 01 Jul 2021 19:35

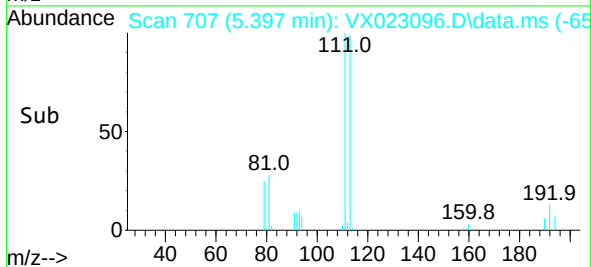
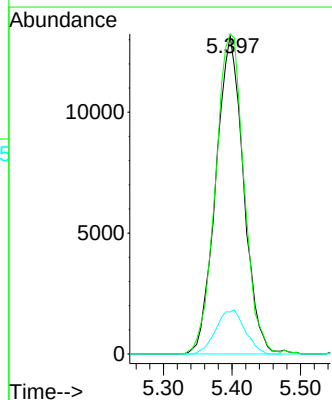
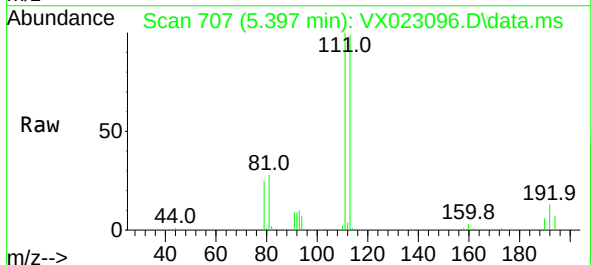
Instrument :
MSVOA_X
ClientSampled :
FS-04

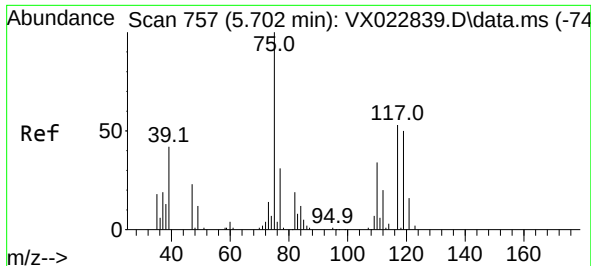
Tgt Ion:114 Resp: 114348
Ion Ratio Lower Upper
114 100
63 24.7 0.0 40.8
88 19.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.697 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023096.D
Acq: 01 Jul 2021 19:35

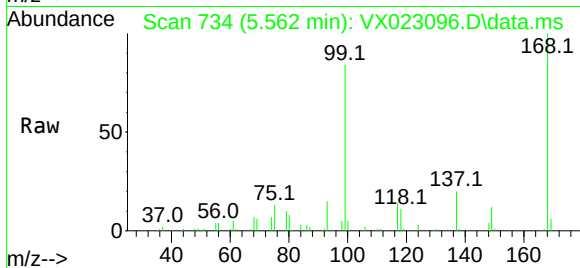
Tgt Ion:113 Resp: 36813
Ion Ratio Lower Upper
113 100
111 103.7 81.9 122.9
192 14.5 16.7 25.1#



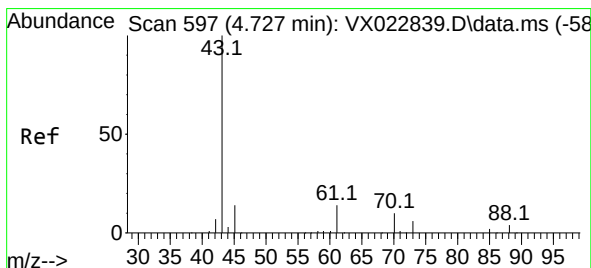
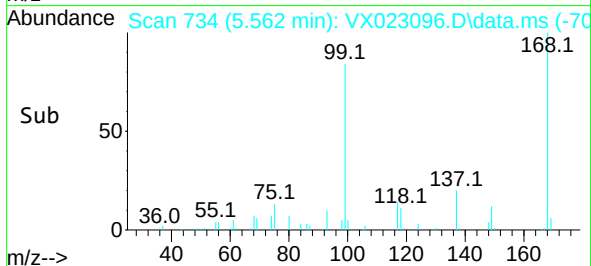
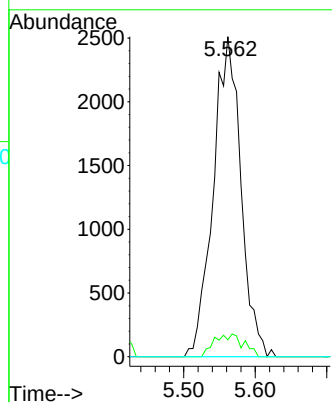


#36
1,1-Dichloropropene
Concen: 5.551 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX023096.D
Acq: 01 Jul 2021 19:35

Instrument :
MSVOA_X
ClientSampled :
FS-04

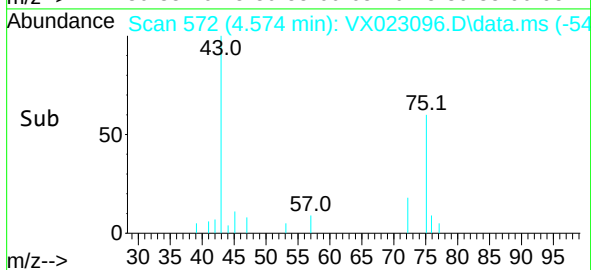
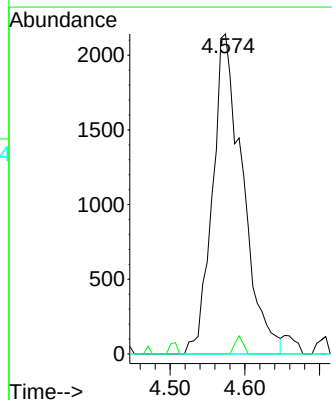
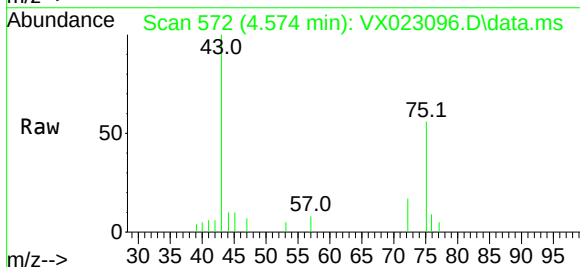


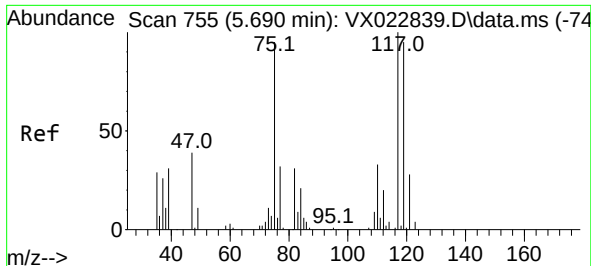
Tgt Ion: 75 Resp: 6742
Ion Ratio Lower Upper
75 100
110 7.5 18.1 54.4#
77 0.0 25.3 37.9#



#37
Ethyl Acetate
Concen: 4.280 ug/l
RT: 4.574 min Scan# 572
Delta R.T. -0.153 min
Lab File: VX023096.D
Acq: 01 Jul 2021 19:35

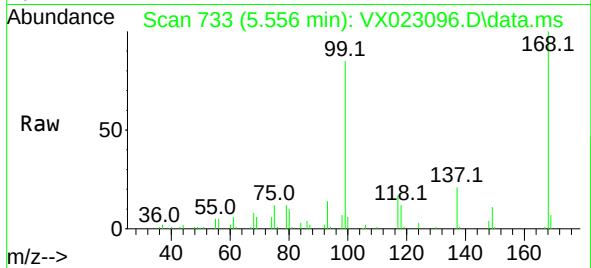
Tgt Ion: 43 Resp: 6021
Ion Ratio Lower Upper
43 100
61 1.5 12.8 19.2#
70 0.0 10.5 15.7#



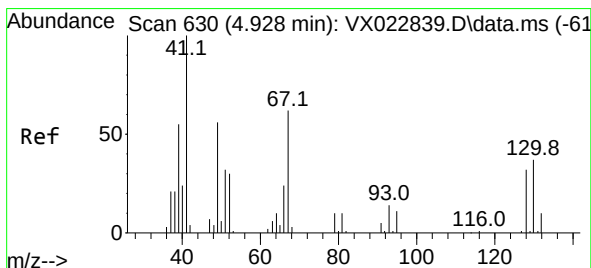
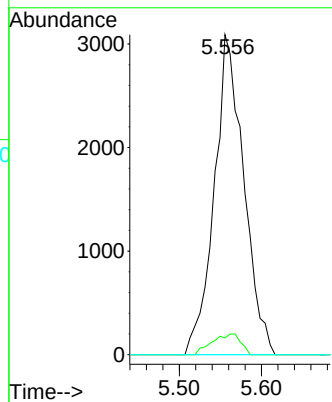
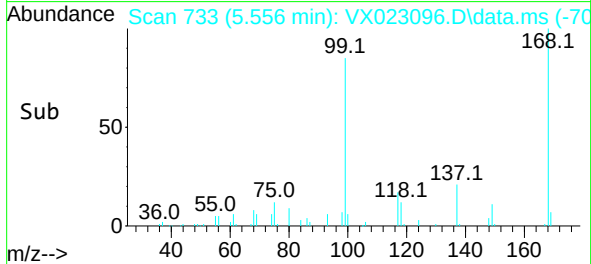


#38
Carbon Tetrachloride
Concen: 7.564 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX023096.D
Acq: 01 Jul 2021 19:35

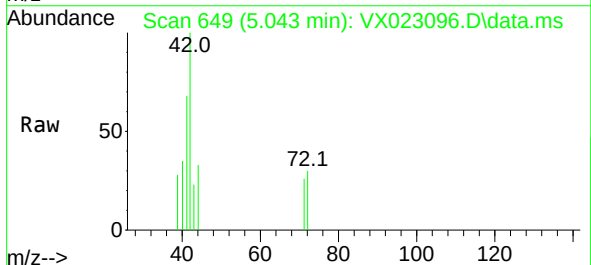
Instrument :
MSVOA_X
ClientSampled :
FS-04



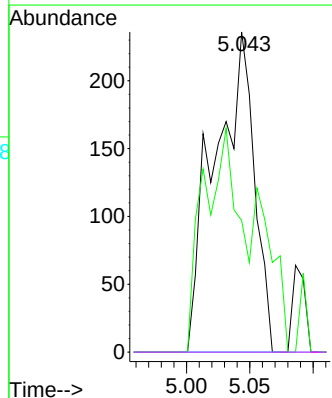
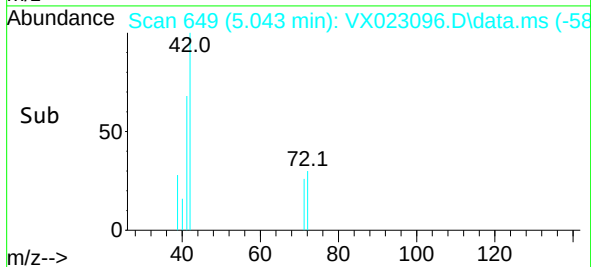
Tgt Ion: 117 Resp: 7706
Ion Ratio Lower Upper
117 100
119 5.2 76.2 114.2#
121 0.0 24.8 37.2#

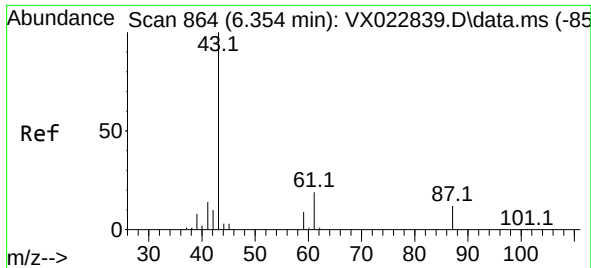


#41
Methacrylonitrile
Concen: 0.663 ug/l
RT: 5.043 min Scan# 649
Delta R.T. 0.115 min
Lab File: VX023096.D
Acq: 01 Jul 2021 19:35



Tgt Ion: 41 Resp: 514
Ion Ratio Lower Upper
41 100
39 63.6 42.5 63.7
67 0.0 65.0 97.6#
52 0.0 25.3 37.9#

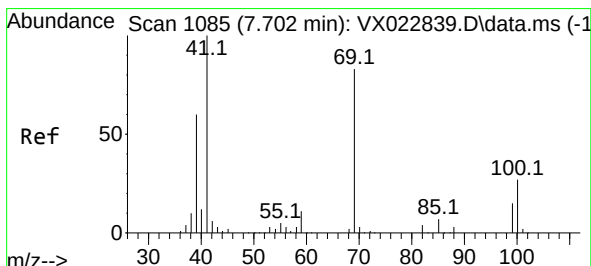
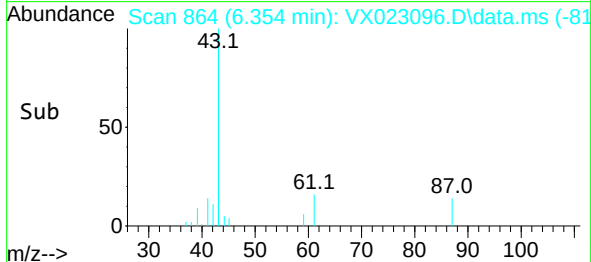
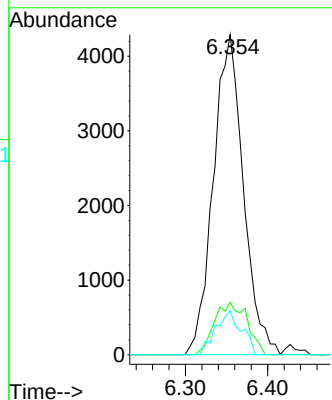
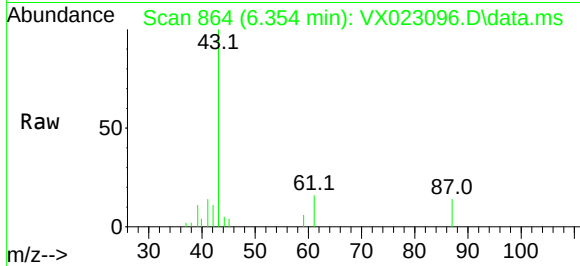




#43
Isopropyl Acetate
Concen: 4.810 ug/l
RT: 6.354 min Scan# 864
Delta R.T. 0.000 min
Lab File: VX023096.D
Acq: 01 Jul 2021 19:35

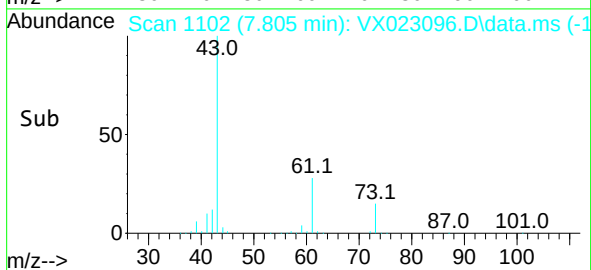
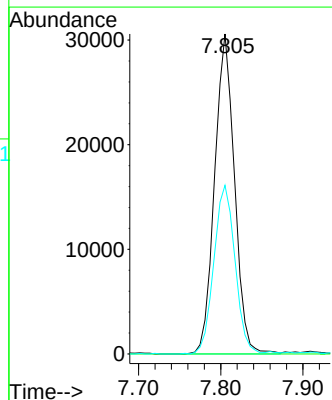
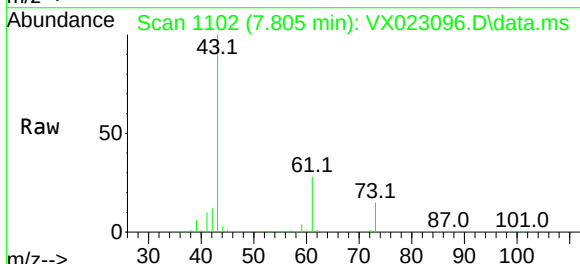
Instrument :
MSVOA_X
ClientSampled :
FS-04

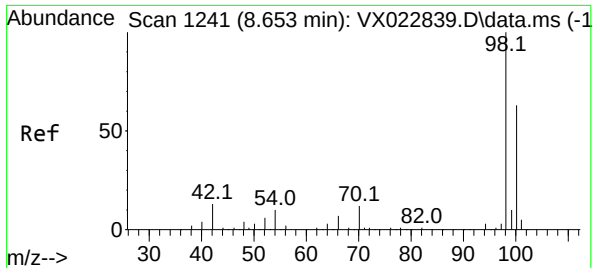
Tgt Ion: 43	Resp: 10880
Ion Ratio	Lower Upper
43 100	
61 17.9	18.2 27.4#
87 11.8	12.5 18.7#



#48
Methyl methacrylate
Concen: 49.135 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. 0.103 min
Lab File: VX023096.D
Acq: 01 Jul 2021 19:35

Tgt Ion: 41	Resp: 51437
Ion Ratio	Lower Upper
41 100	
69 0.0	76.0 114.0#
39 56.1	44.6 67.0

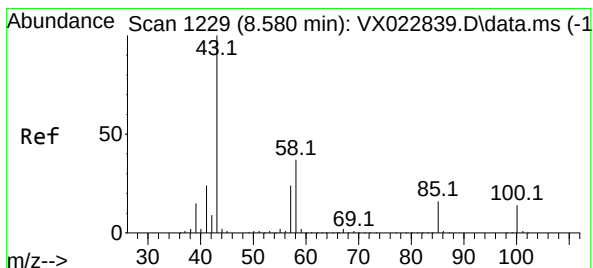
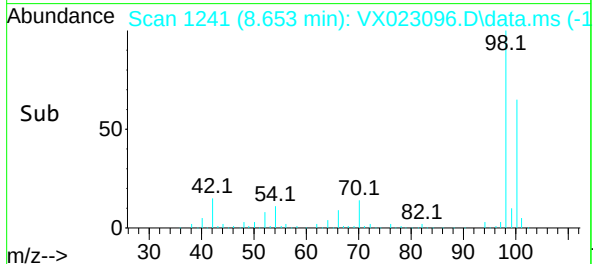
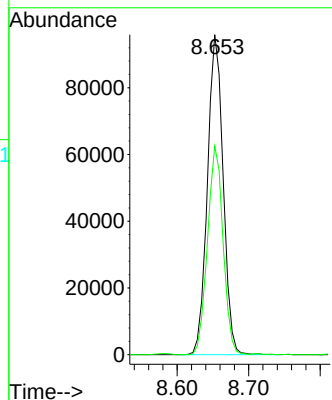
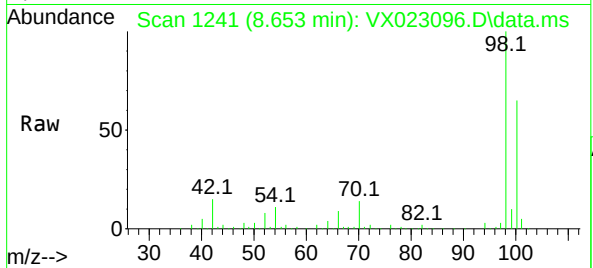




#50
Toluene-d8
Concen: 51.393 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023096.D
Acq: 01 Jul 2021 19:35

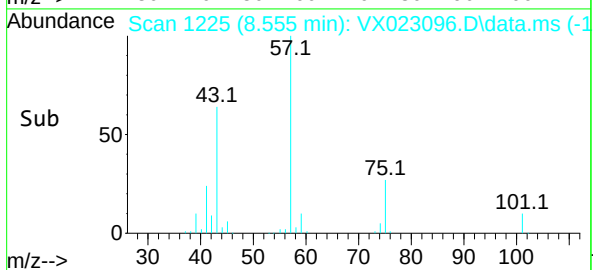
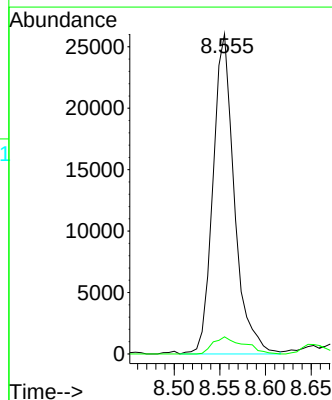
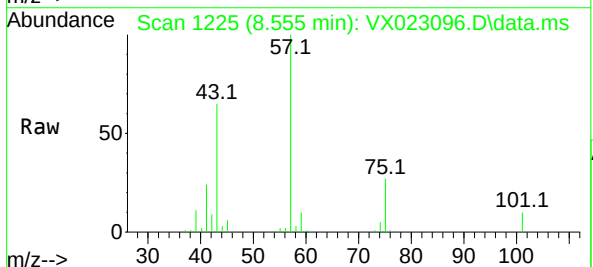
Instrument :
MSVOA_X
ClientSampled :
FS-04

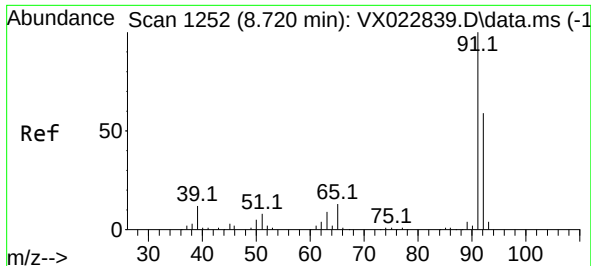
Tgt Ion: 98 Resp: 146258
Ion Ratio Lower Upper
98 100
100 64.7 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 30.073 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX023096.D
Acq: 01 Jul 2021 19:35

Tgt Ion: 43 Resp: 42335
Ion Ratio Lower Upper
43 100
58 7.7 35.4 53.0#

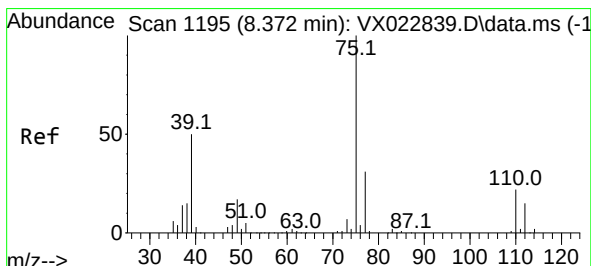
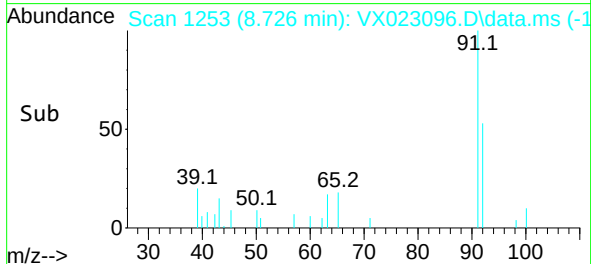
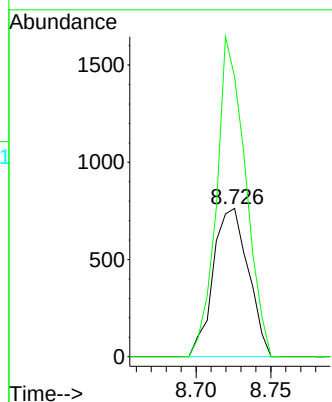
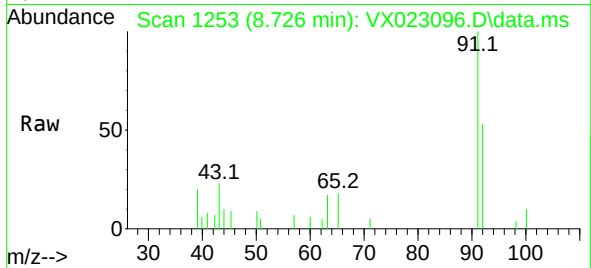




#52
Toluene
Concen: 0.588 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX023096.D
Acq: 01 Jul 2021 19:35

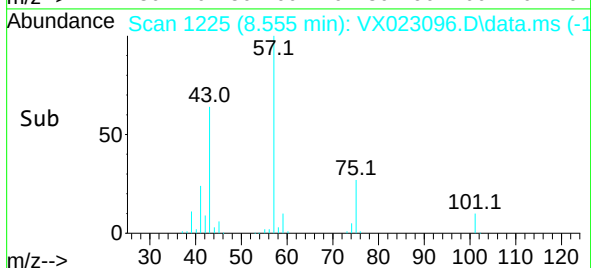
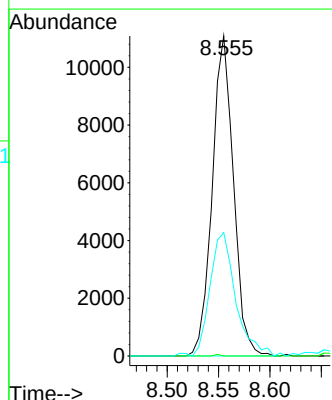
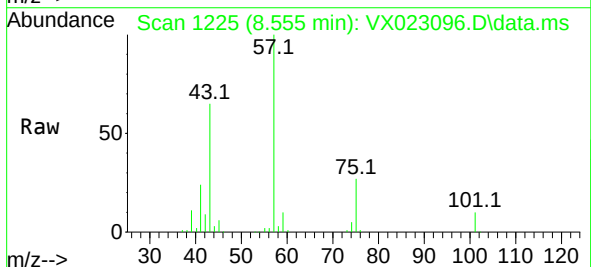
Instrument :
MSVOA_X
ClientSampled :
FS-04

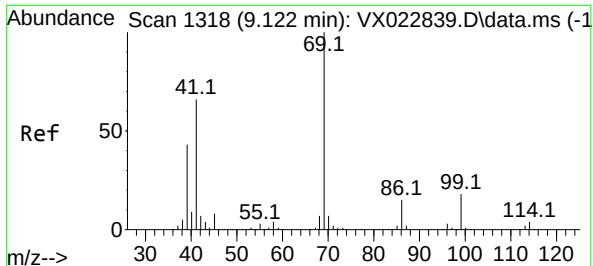
Tgt Ion: 92 Resp: 1245
Ion Ratio Lower Upper
92 100
91 177.7 137.1 205.7



#54
cis-1,3-Dichloropropene
Concen: 12.400 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.183 min
Lab File: VX023096.D
Acq: 01 Jul 2021 19:35

Tgt Ion: 75 Resp: 15898
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#
39 37.7 35.1 52.7

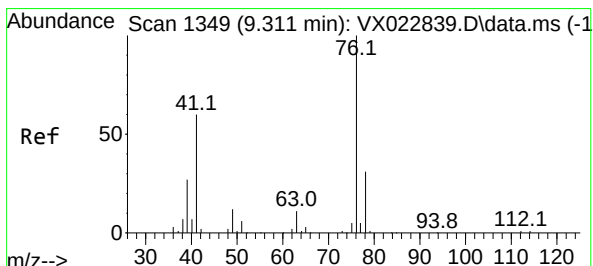
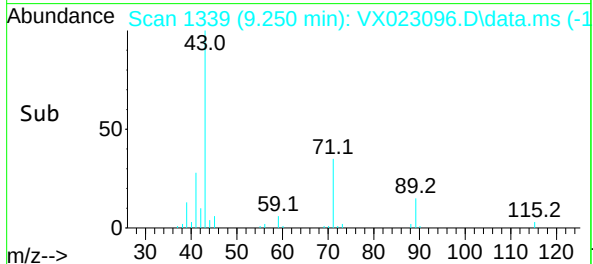
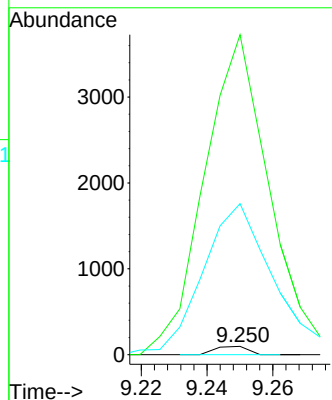
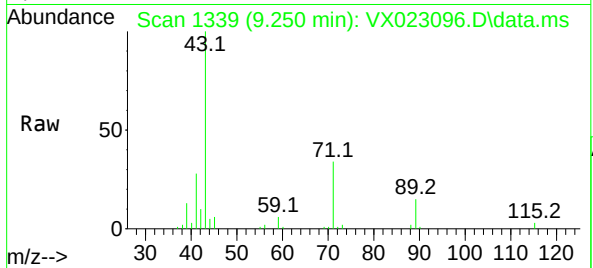




#56
Ethyl methacrylate
Concen: 2.620 ug/l
RT: 9.250 min Scan# 1339
Delta R.T. 0.128 min
Lab File: VX023096.D
Acq: 01 Jul 2021 19:35

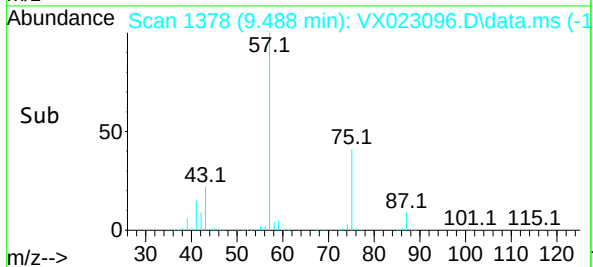
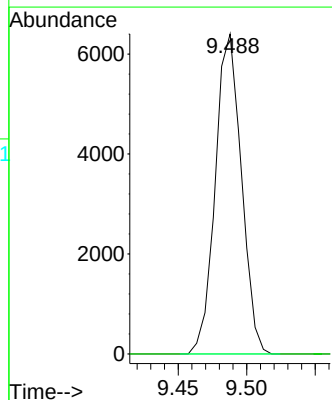
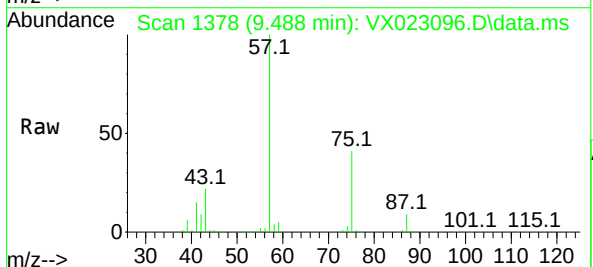
Instrument :
MSVOA_X
ClientSampled :
FS-04

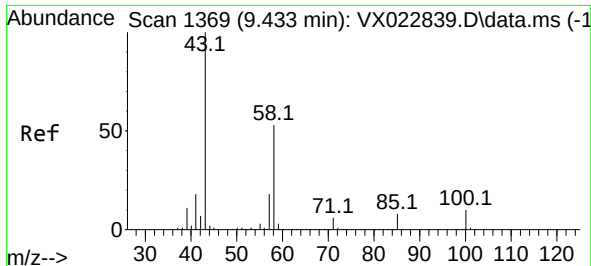
Tgt Ion: 69 Resp: 67
Ion Ratio Lower Upper
69 100
41 7725.4 46.8 70.2#
39 3907.5 24.7 37.1#



#57
1,3-Dichloropropane
Concen: 5.486 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX023096.D
Acq: 01 Jul 2021 19:35

Tgt Ion: 76 Resp: 8471
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.2#

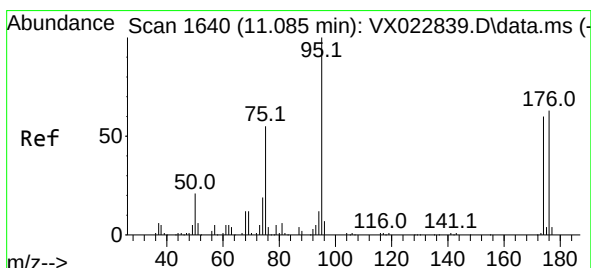
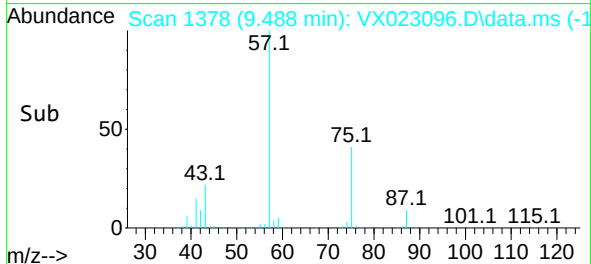
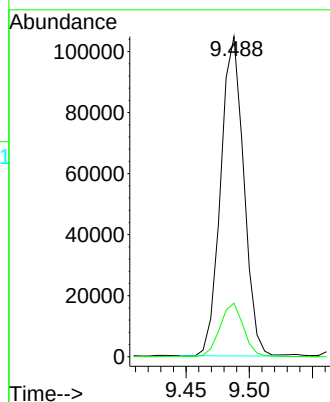
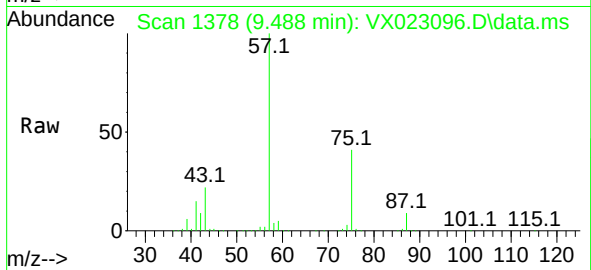




#59
2-Hexanone
Concen: 124.065 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX023096.D
Acq: 01 Jul 2021 19:35

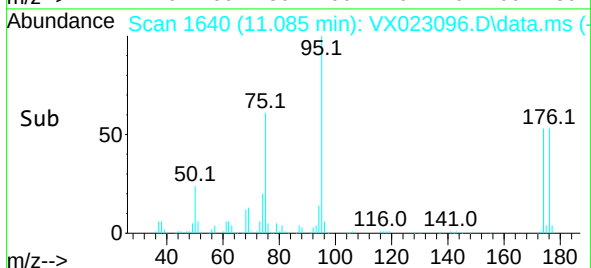
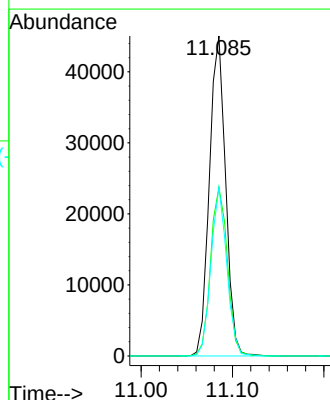
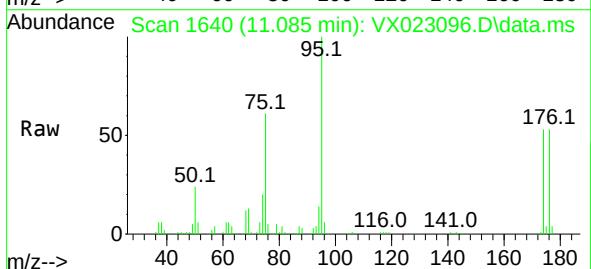
Instrument :
MSVOA_X
ClientSampled :
FS-04

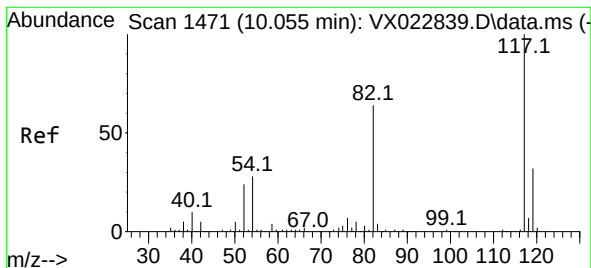
Tgt Ion: 43 Resp: 132500
Ion Ratio Lower Upper
43 100
58 17.2 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 52.260 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023096.D
Acq: 01 Jul 2021 19:35

Tgt Ion: 95 Resp: 55506
Ion Ratio Lower Upper
95 100
174 54.8 0.0 154.6
176 51.4 0.0 155.8

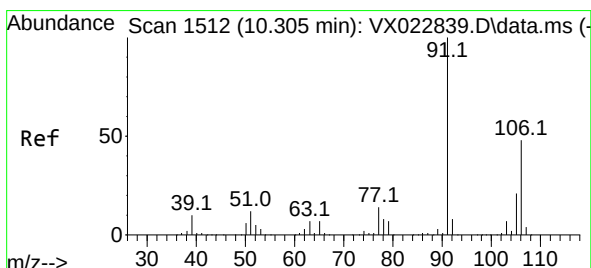
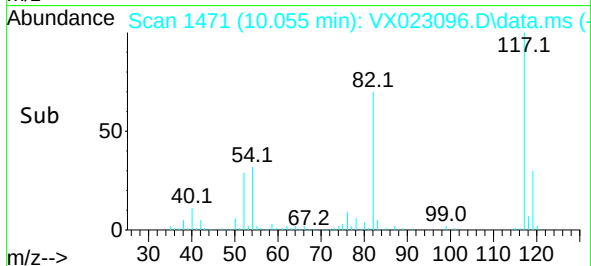
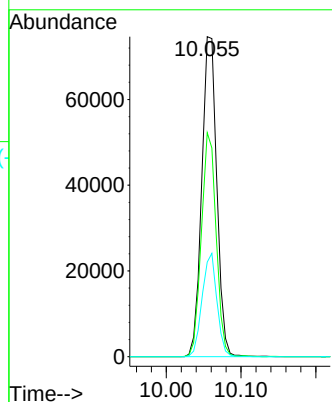
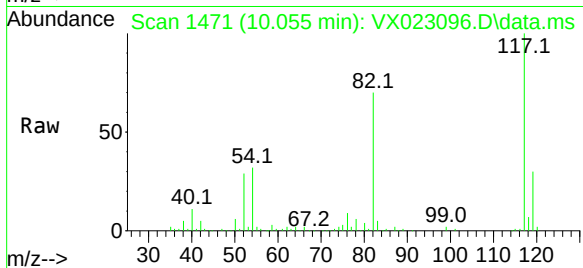




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX023096.D
Acq: 01 Jul 2021 19:35

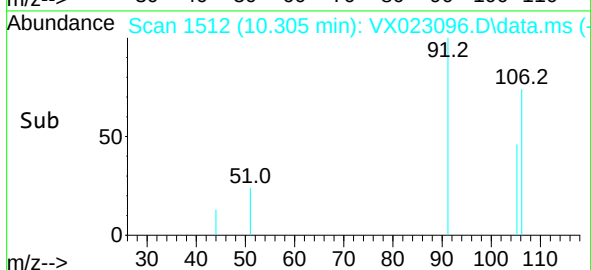
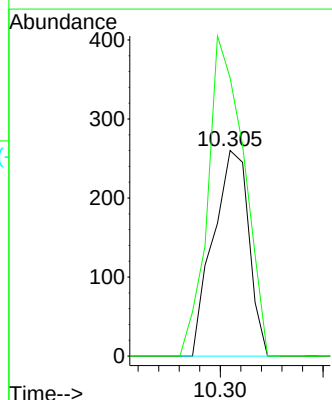
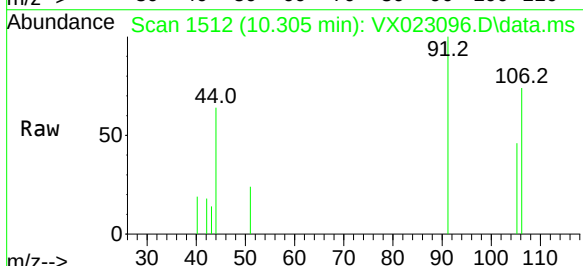
Instrument :
MSVOA_X
ClientSampled :
FS-04

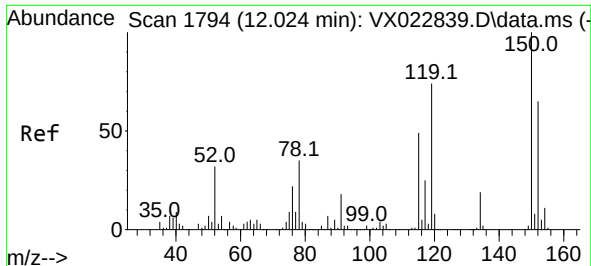
Tgt Ion:117 Resp: 104453
Ion Ratio Lower Upper
117 100
82 70.0 47.4 71.2
119 29.5 26.6 39.8



#68
m/p-Xylenes
Concen: 0.208 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX023096.D
Acq: 01 Jul 2021 19:35

Tgt Ion:106 Resp: 313
Ion Ratio Lower Upper
106 100
91 157.5 162.8 244.2#

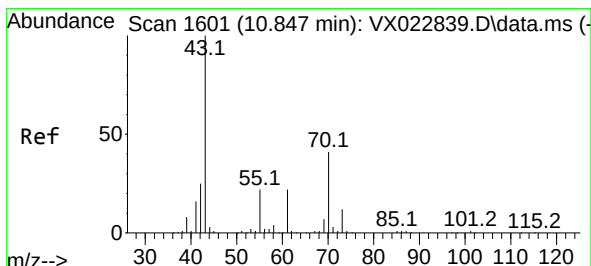
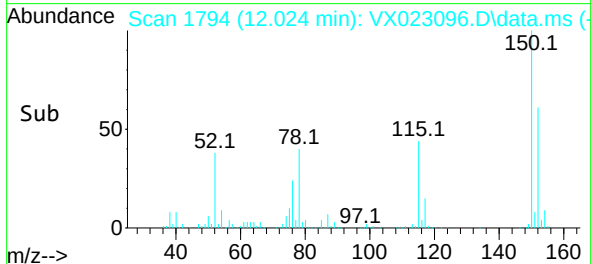
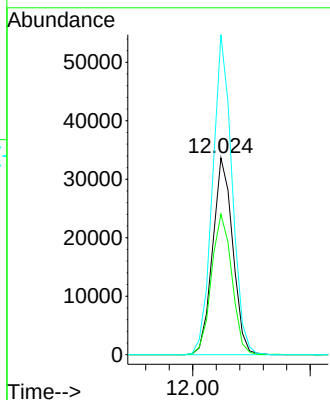
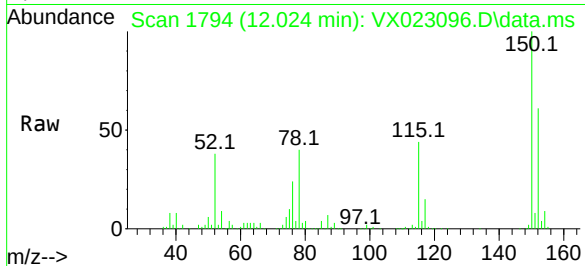




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. -0.000 min
 Lab File: VX023096.D
 Acq: 01 Jul 2021 19:35

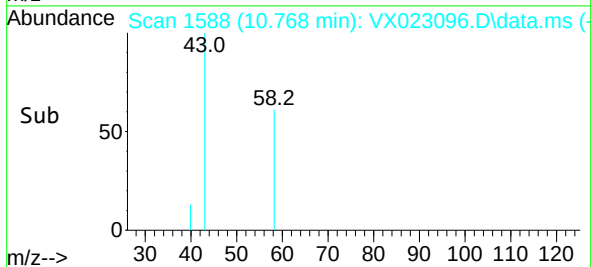
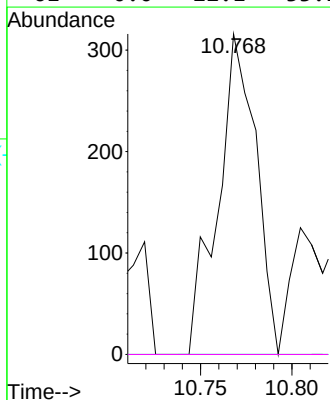
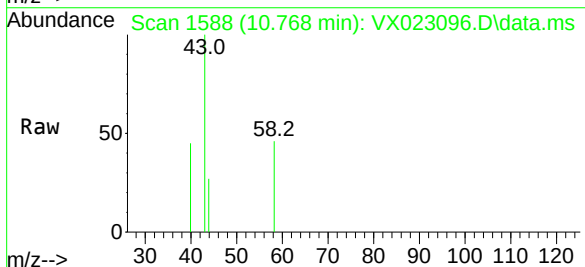
Instrument :
 MSVOA_X
 ClientSampled :
 FS-04

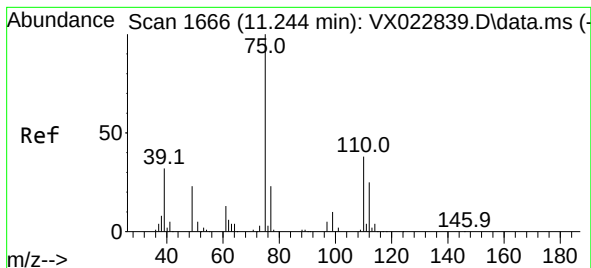
Tgt Ion:152 Resp: 40037
 Ion Ratio Lower Upper
 152 100
 115 72.3 41.1 123.3
 150 157.6 0.0 349.0



#74
 N-ethyl acetate
 Concen: 2.285 ug/l
 RT: 10.768 min Scan# 1588
 Delta R.T. -0.079 min
 Lab File: VX023096.D
 Acq: 01 Jul 2021 19:35

Tgt Ion: 43 Resp: 459
 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#

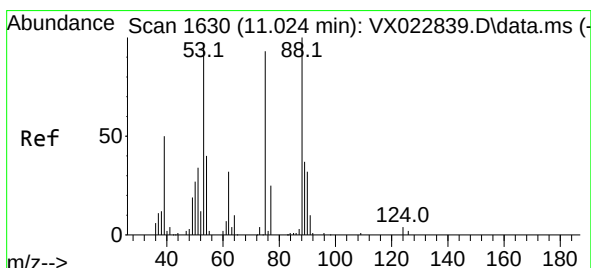
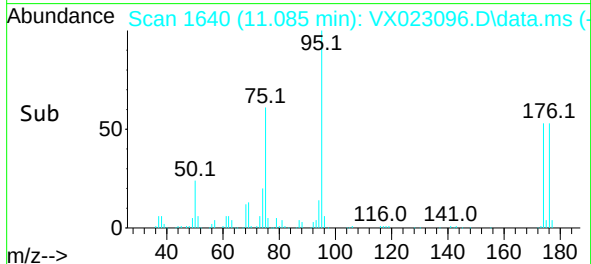
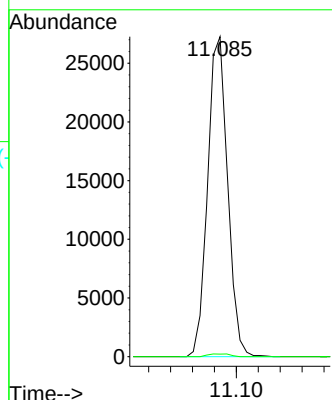
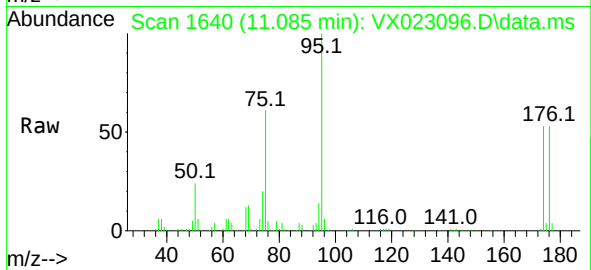




#76
1,2,3-Trichloropropane
Concen: 32.609 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023096.D
Acq: 01 Jul 2021 19:35

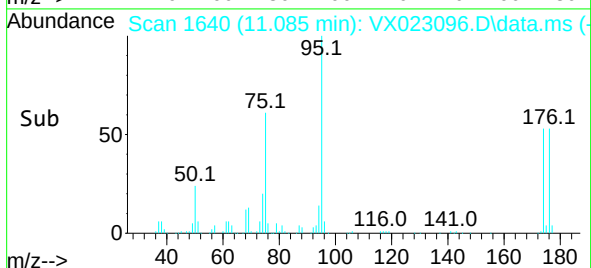
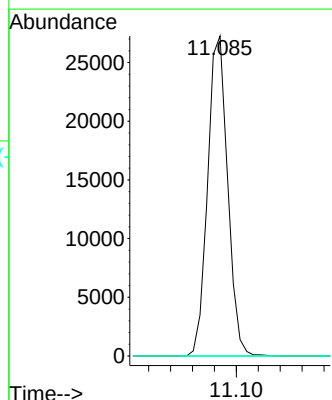
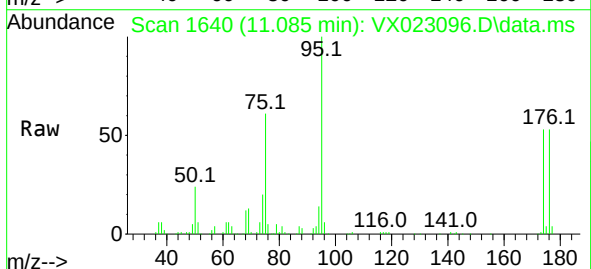
Instrument :
MSVOA_X
ClientSampled :
FS-04

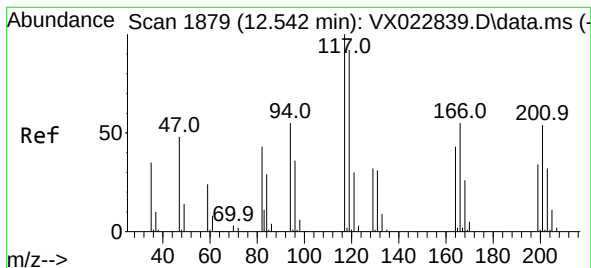
Tgt Ion: 75 Resp: 34485
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 83.119 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023096.D
Acq: 01 Jul 2021 19:35

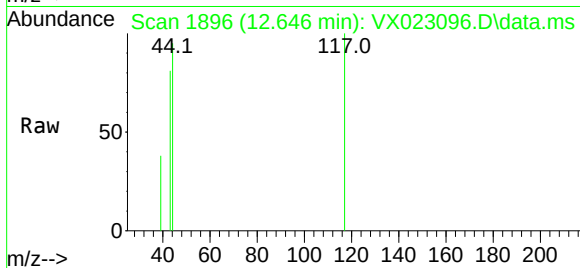
Tgt Ion: 75 Resp: 34485
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



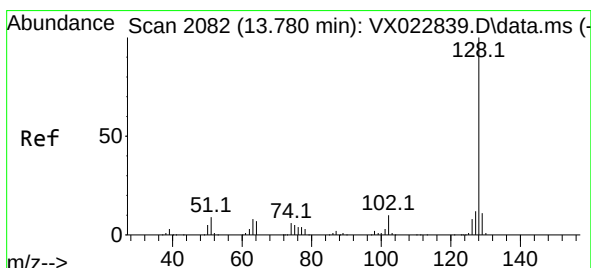
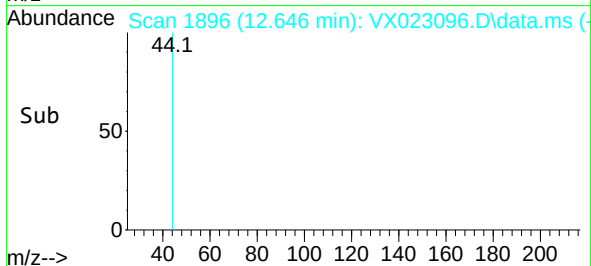
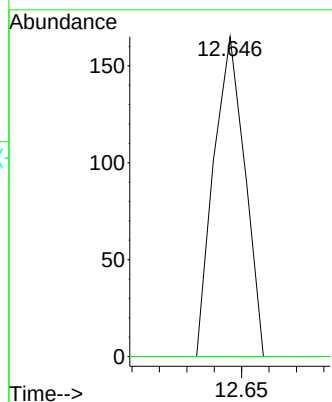


#90
Hexachloroethane
Concen: 3.942 ug/l
RT: 12.646 min Scan# 1896
Delta R.T. 0.104 min
Lab File: VX023096.D
Acq: 01 Jul 2021 19:35

Instrument :
MSVOA_X
ClientSampled :
FS-04



Tgt Ion:117 Resp: 130
Ion Ratio Lower Upper
117 100
201 0.0 40.4 121.2#



#95
Naphthalene
Concen: 3.097 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX023096.D
Acq: 01 Jul 2021 19:35

Tgt Ion:128 Resp: 3987
Ion Ratio Lower Upper
128 100
127 11.4 10.3 15.5
129 13.8 8.8 13.2#

