

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060321\
 Data File : VX022386.D
 Acq On : 03 Jun 2021 23:27
 Operator : JC/MD
 Sample : PB36780ZHE#01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 04 05:38:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

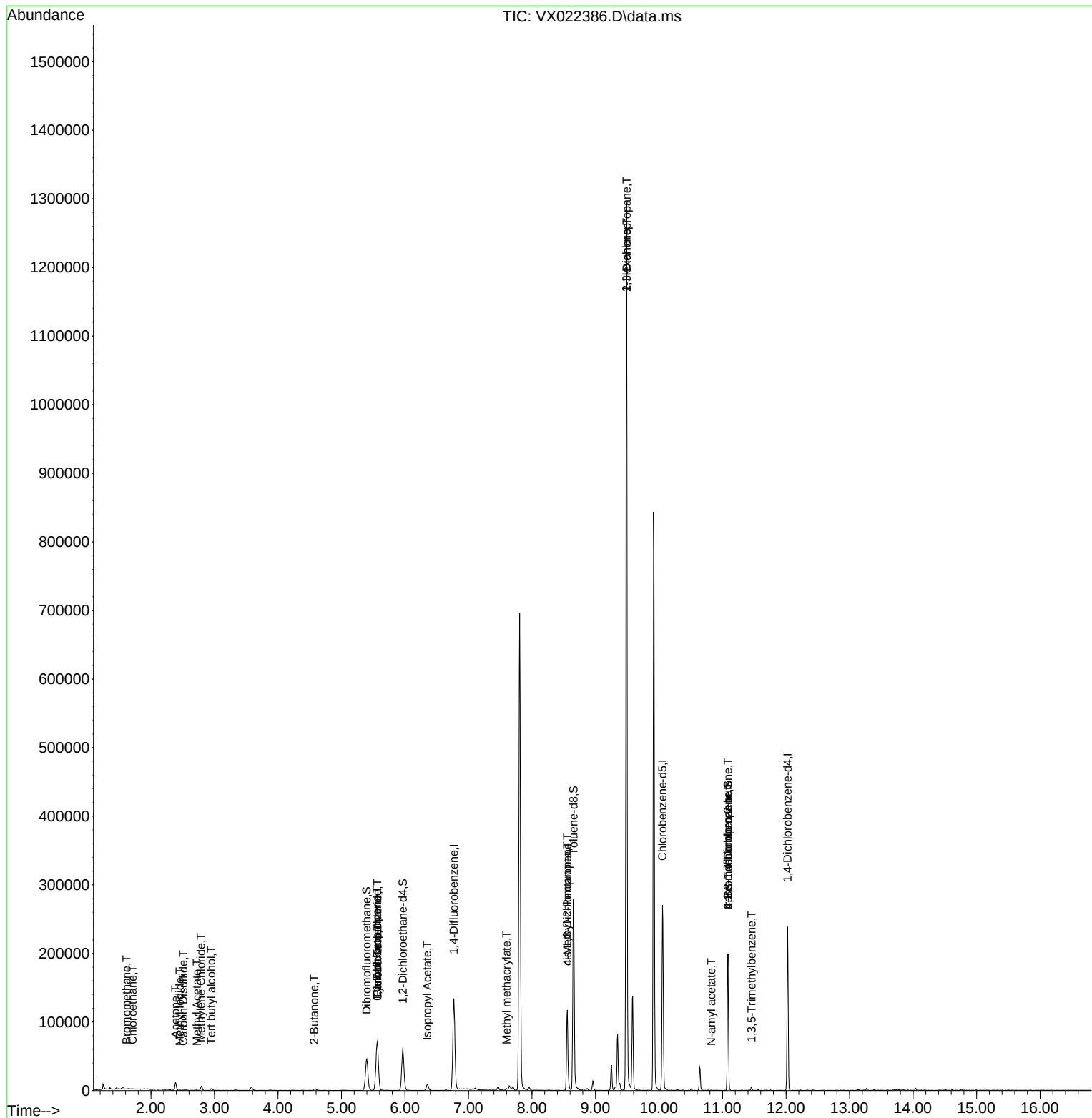
Internal Standards						
1) Pentafluorobenzene	5.562	168	60542	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	127332	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	115153	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	42709	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	52767	56.50	ug/l	0.00
Spiked Amount 50.000	Range	78 - 117	Recovery	= 113.00%		
35) Dibromofluoromethane	5.397	113	38141	47.23	ug/l	0.00
Spiked Amount 50.000	Range	75 - 124	Recovery	= 94.46%		
50) Toluene-d8	8.653	98	162173	52.14	ug/l	0.00
Spiked Amount 50.000	Range	92 - 112	Recovery	= 104.28%		
62) 4-Bromofluorobenzene	11.085	95	53644	46.66	ug/l	0.00
Spiked Amount 50.000	Range	83 - 123	Recovery	= 93.32%		
Target Compounds						
						Qvalue
5) Bromomethane	1.617	94	239	0.49	ug/l	# 23
6) Chloroethane	1.709	64	138	0.28	ug/l	# 43
10) Methyl Iodide	2.453	142	339	0.44	ug/l	# 85
11) Tert butyl alcohol	2.946	59	1751	8.20	ug/l	# 73
16) Acetone	2.386	43	12096	29.75	ug/l	99
17) Carbon Disulfide	2.508	76	495	0.27	ug/l	# 75
18) Methyl Acetate	2.721	43	1037	0.96	ug/l	# 71
20) Methylene Chloride	2.788	84	2841	3.15	ug/l	# 84
25) 2-Butanone	4.568	43	2932	4.46	ug/l	# 89
31) Cyclohexane	5.568	56	1738	1.48	ug/l	# 39
36) 1,1-Dichloropropene	5.556	75	5820	4.94	ug/l	# 47
38) Carbon Tetrachloride	5.562	117	7135	6.19	ug/l	# 12
43) Isopropyl Acetate	6.348	43	11633	4.93	ug/l	93
48) Methyl methacrylate	7.598	41	3297	3.03	ug/l	# 10
51) 4-Methyl-2-Pentanone	8.555	43	42084	29.76	ug/l	# 45
54) cis-1,3-Dichloropropene	8.555	75	19095	12.26	ug/l	# 63
57) 1,3-Dichloropropane	9.488	76	11075	6.96	ug/l	# 42
59) 2-Hexanone	9.488	43	149404	140.47	ug/l	# 44
74) N-amyl acetate	10.823	43	387	0.23	ug/l	# 38
76) 1,2,3-Trichloropropane	11.085	75	28835	27.37	ug/l	# 38
80) 1,3,5-Trimethylbenzene	11.457	105	2464	0.82	ug/l	92
81) trans-1,4-Dichloro-2-b...	11.085	75	28835	64.84	ug/l	# 12

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

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

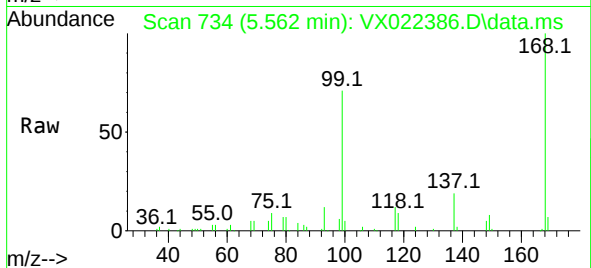
Quant Time: Jun 04 05:38:03 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
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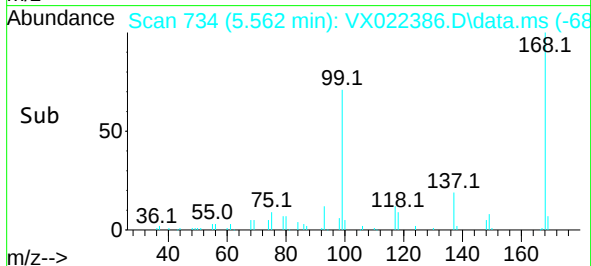
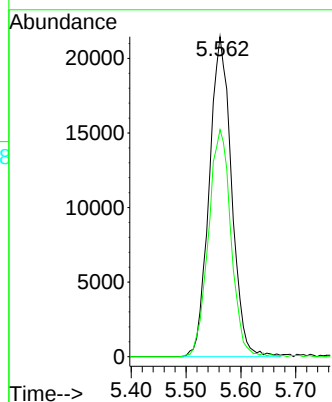


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022386.D
Acq: 03 Jun 2021 23:27

Instrument :
MSVOA_X
ClientSampled :

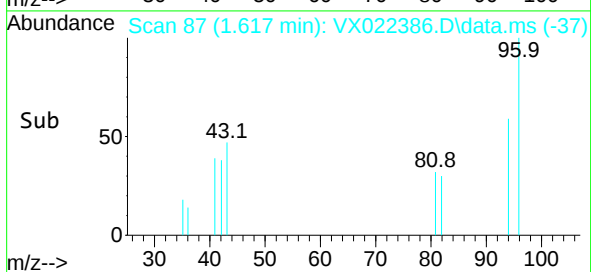
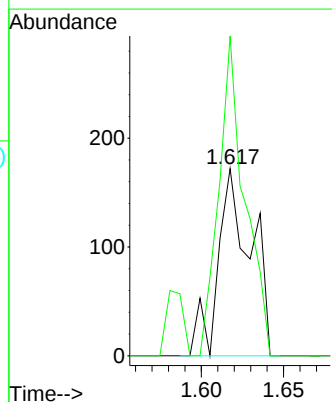
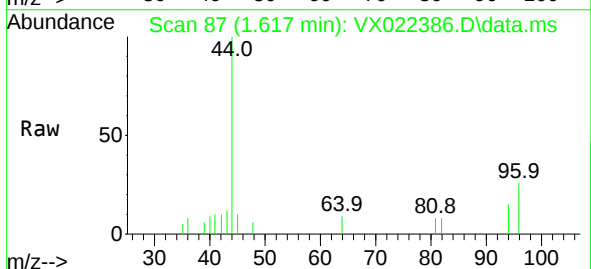


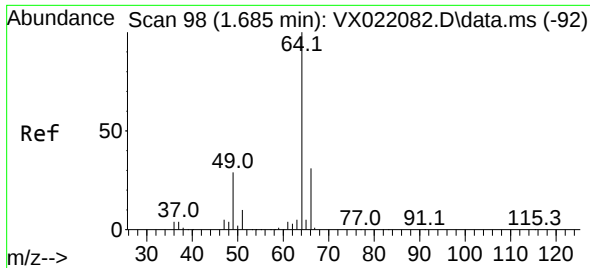
Tgt Ion:168 Resp: 60542
Ion Ratio Lower Upper
168 100
99 71.0 45.8 68.6#



#5
Bromomethane
Concen: 0.49 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.005 min
Lab File: VX022386.D
Acq: 03 Jun 2021 23:27

Tgt Ion: 94 Resp: 239
Ion Ratio Lower Upper
94 100
96 170.9 76.4 114.6#

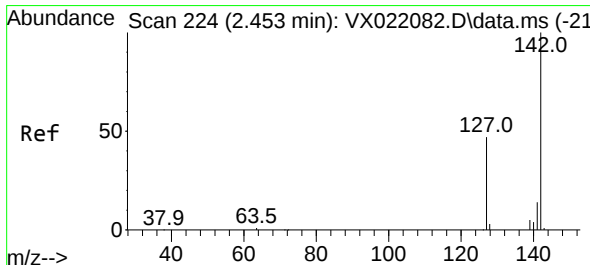
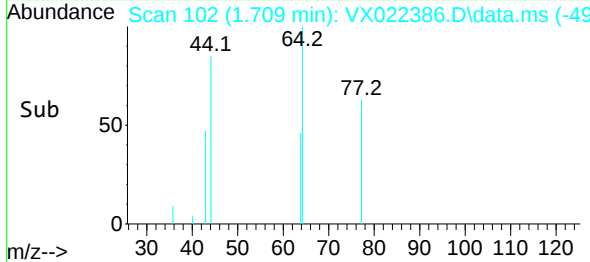
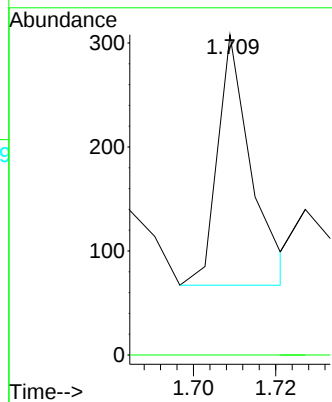
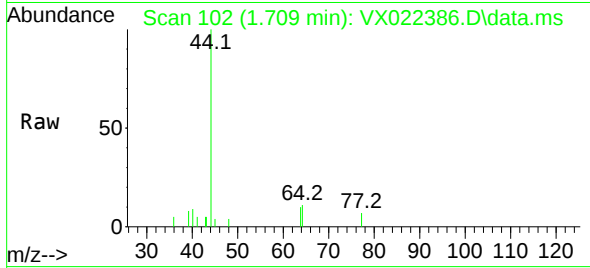




#6
Chloroethane
Concen: 0.28 ug/l
RT: 1.709 min Scan# 102
Delta R.T. 0.024 min
Lab File: VX022386.D
Acq: 03 Jun 2021 23:27

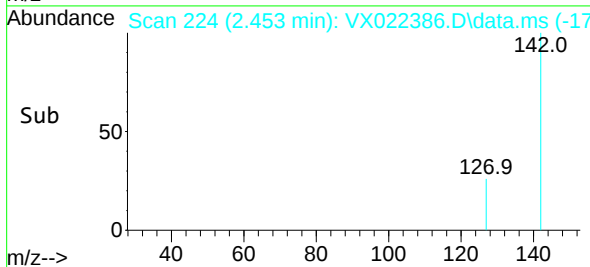
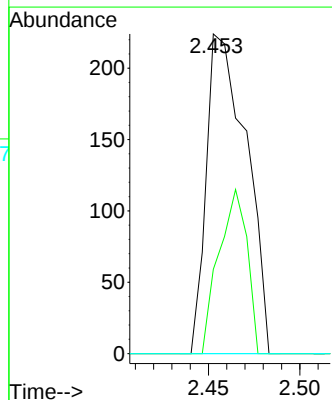
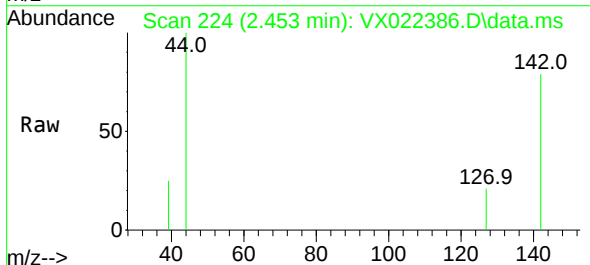
Instrument :
MSVOA_X
ClientSampled :

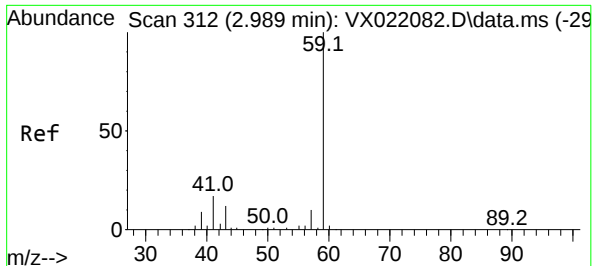
Tgt Ion: 64 Resp: 138
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#10
Methyl Iodide
Concen: 0.44 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX022386.D
Acq: 03 Jun 2021 23:27

Tgt Ion: 142 Resp: 339
Ion Ratio Lower Upper
142 100
127 36.6 33.3 49.9
141 0.0 11.4 17.0#



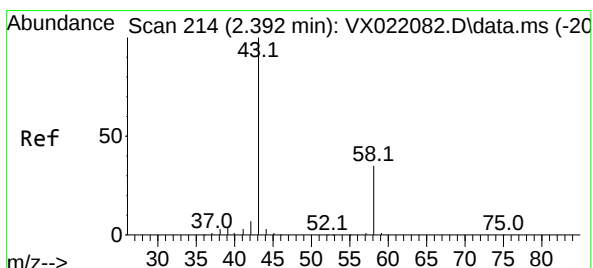
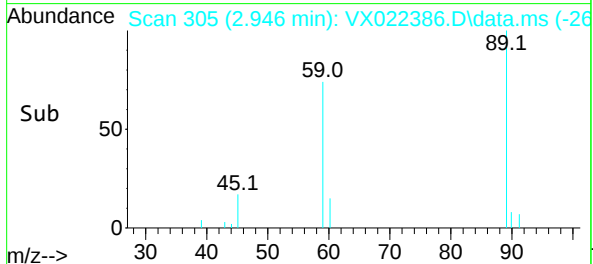
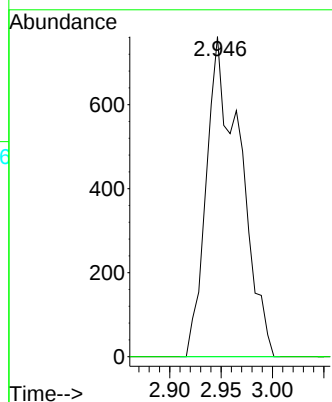
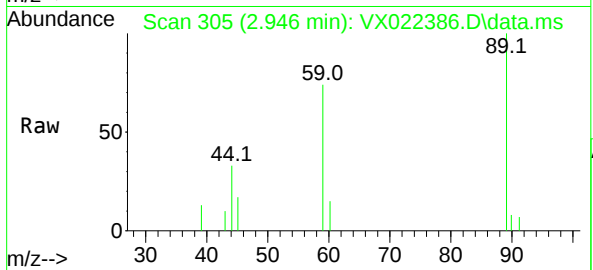


#11

Tert butyl alcohol
Concen: 8.20 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.043 min
Lab File: VX022386.D
Acq: 03 Jun 2021 23:27

Instrument :
MSVOA_X
ClientSampled :

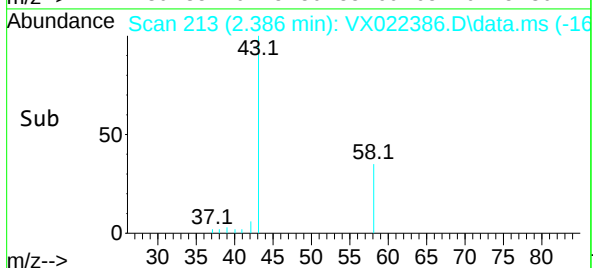
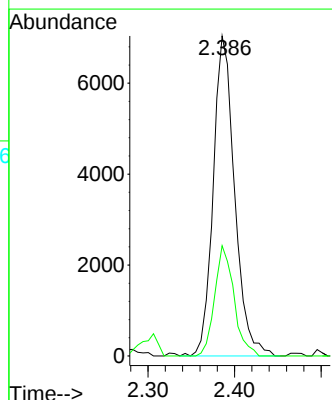
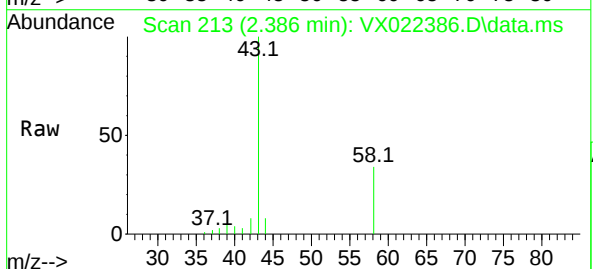
Tgt Ion: 59 Resp: 1751
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

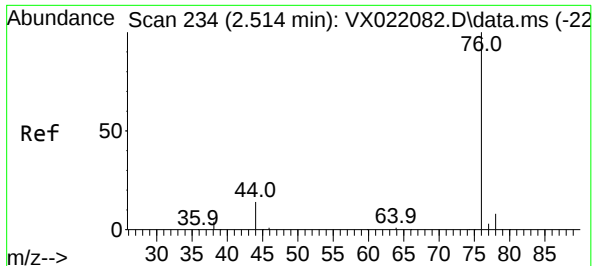


#16

Acetone
Concen: 29.75 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022386.D
Acq: 03 Jun 2021 23:27

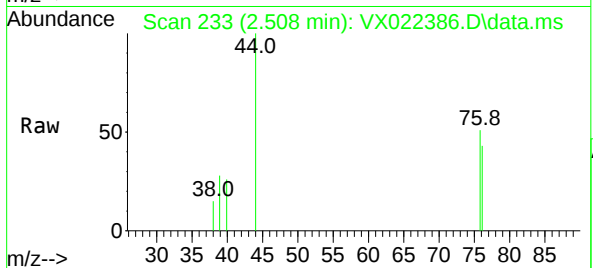
Tgt Ion: 43 Resp: 12096
Ion Ratio Lower Upper
43 100
58 34.5 27.8 41.8



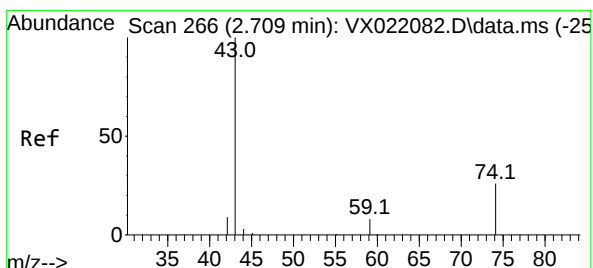
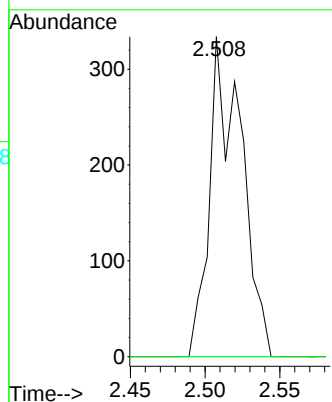
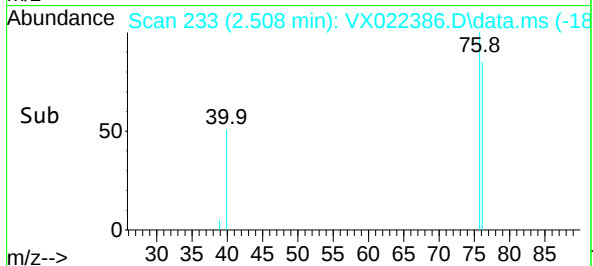


#17
Carbon Disulfide
Concen: 0.27 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX022386.D
Acq: 03 Jun 2021 23:27

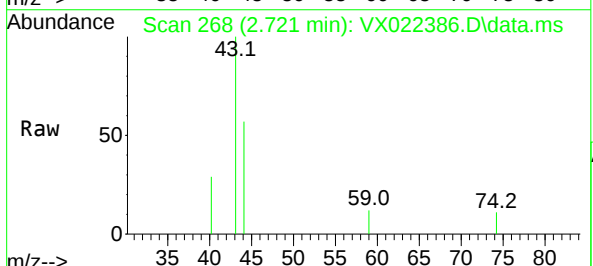
Instrument :
MSVOA_X
ClientSampled :



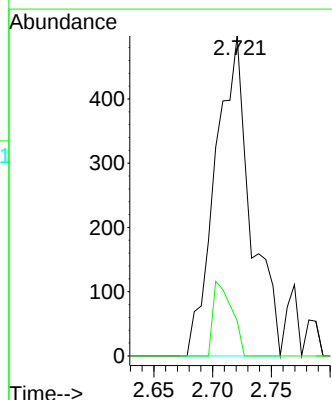
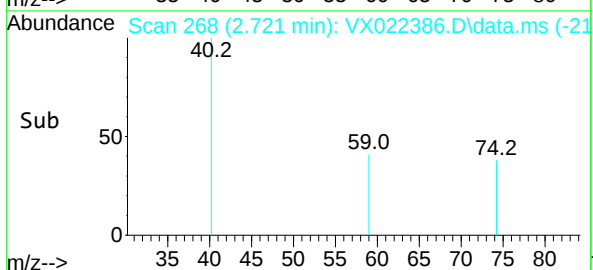
Tgt Ion: 76 Resp: 495
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

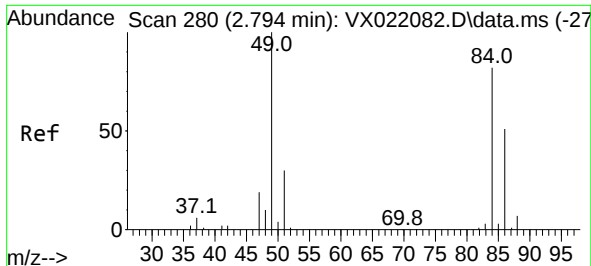


#18
Methyl Acetate
Concen: 0.96 ug/l
RT: 2.721 min Scan# 268
Delta R.T. 0.012 min
Lab File: VX022386.D
Acq: 03 Jun 2021 23:27



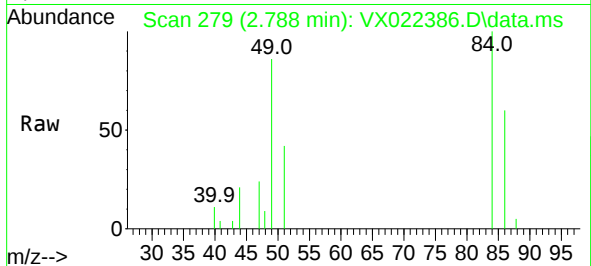
Tgt Ion: 43 Resp: 1037
Ion Ratio Lower Upper
43 100
74 12.4 21.9 32.9#



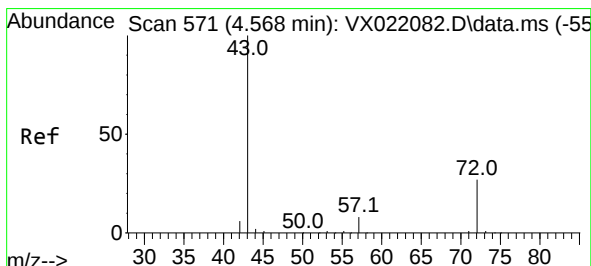
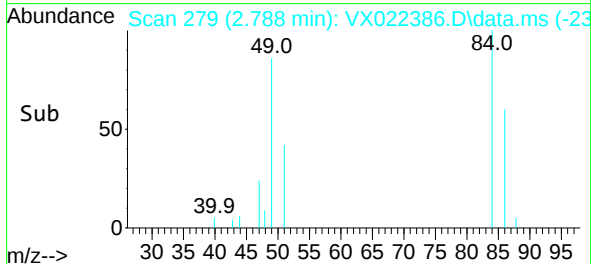
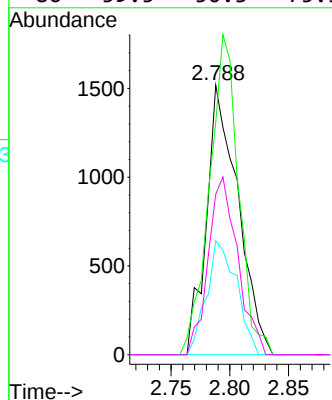


#20
Methylene Chloride
Concen: 3.15 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX022386.D
Acq: 03 Jun 2021 23:27

Instrument :
MSVOA_X
ClientSampled :

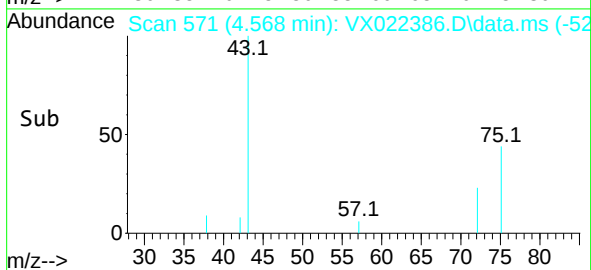
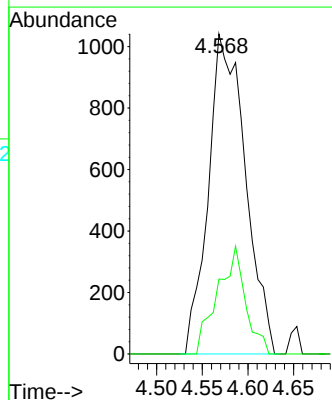
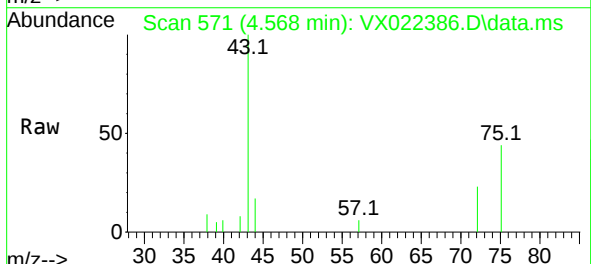


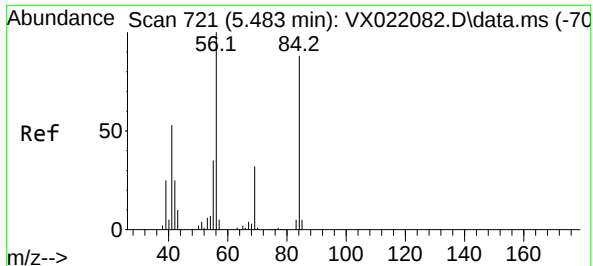
Tgt Ion	Ratio	Lower	Upper
84	100		
49	86.0	88.6	132.8#
51	42.3	27.0	40.6#
86	59.5	50.3	75.5



#25
2-Butanone
Concen: 4.46 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX022386.D
Acq: 03 Jun 2021 23:27

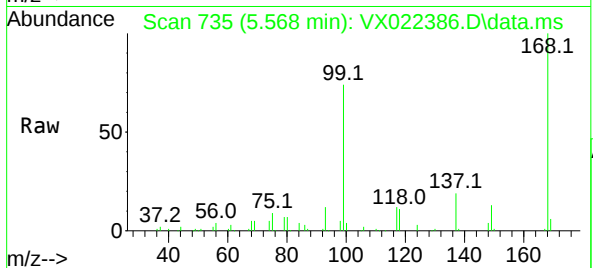
Tgt Ion	Ratio	Lower	Upper
43	100		
72	23.4	23.7	35.5#



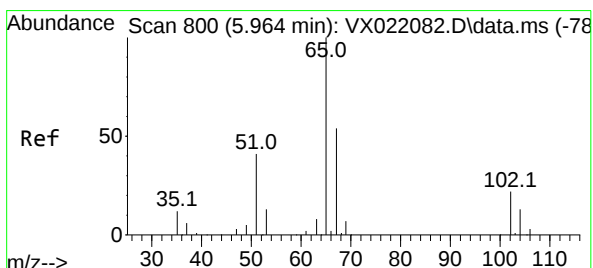
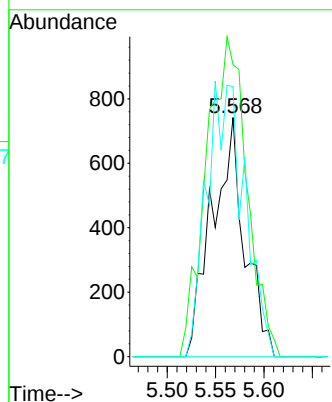
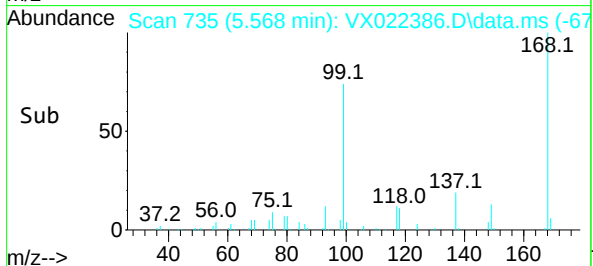


#31
Cyclohexane
Concen: 1.48 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.085 min
Lab File: VX022386.D
Acq: 03 Jun 2021 23:27

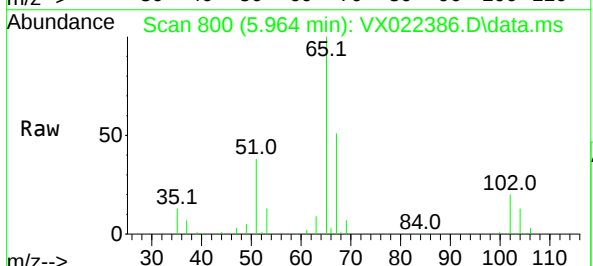
Instrument :
MSVOA_X
ClientSampled :



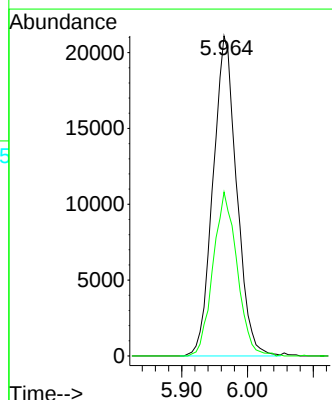
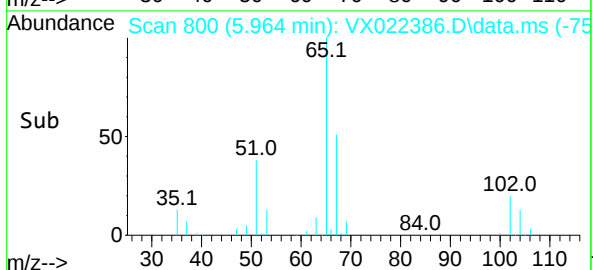
Tgt Ion: 56 Resp: 1738
Ion Ratio Lower Upper
56 100
69 122.1 25.3 37.9#
84 112.9 71.4 107.0#

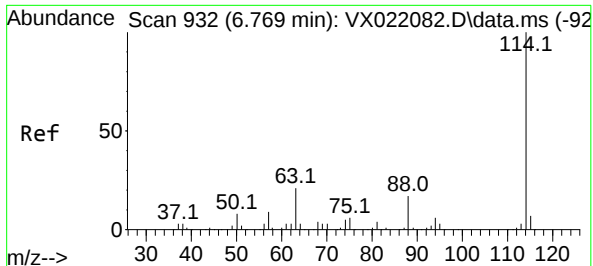


#33
1,2-Dichloroethane-d4
Concen: 56.50 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022386.D
Acq: 03 Jun 2021 23:27



Tgt Ion: 65 Resp: 52767
Ion Ratio Lower Upper
65 100
67 52.0 0.0 105.4

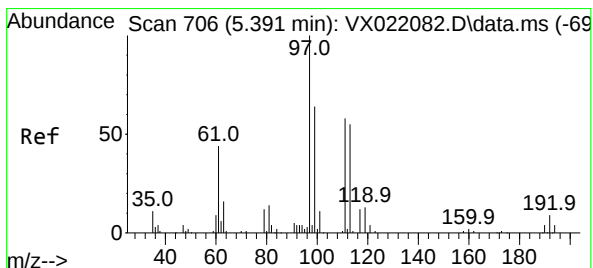
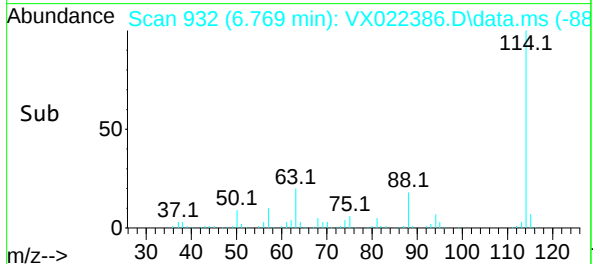
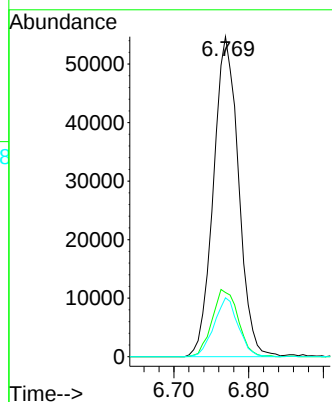
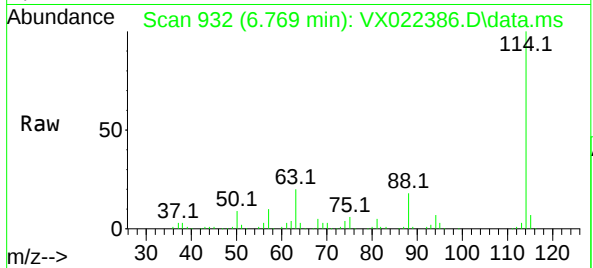




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022386.D
Acq: 03 Jun 2021 23:27

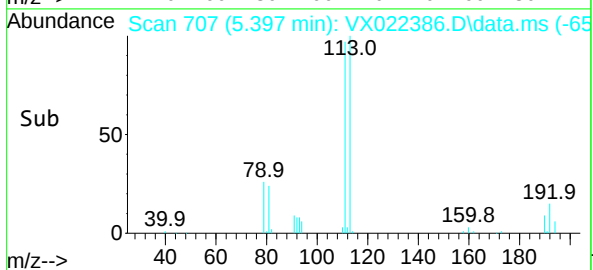
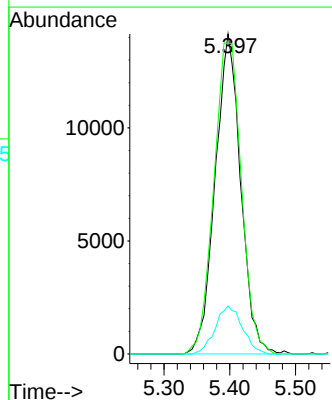
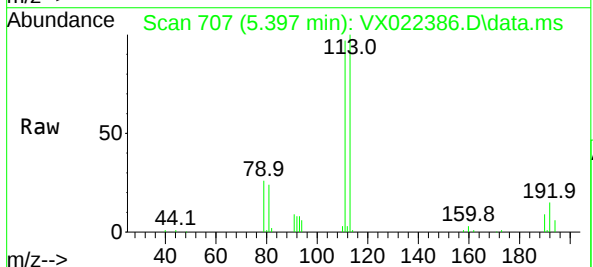
Instrument :
MSVOA_X
ClientSampleId :

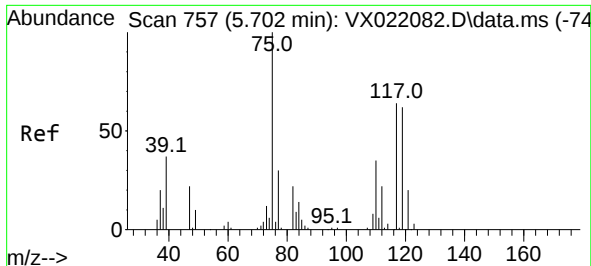
Tgt Ion:114 Resp: 127332
Ion Ratio Lower Upper
114 100
63 20.0 0.0 40.8
88 18.4 0.0 32.8



#35
Dibromofluoromethane
Concen: 47.23 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022386.D
Acq: 03 Jun 2021 23:27

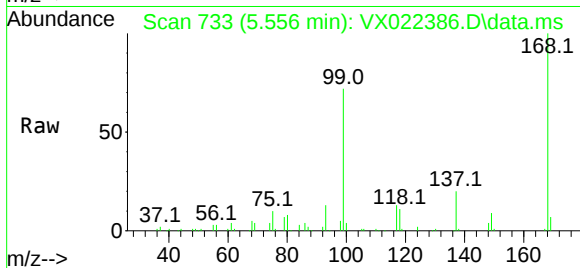
Tgt Ion:113 Resp: 38141
Ion Ratio Lower Upper
113 100
111 105.7 81.9 122.9
192 16.0 16.7 25.1#



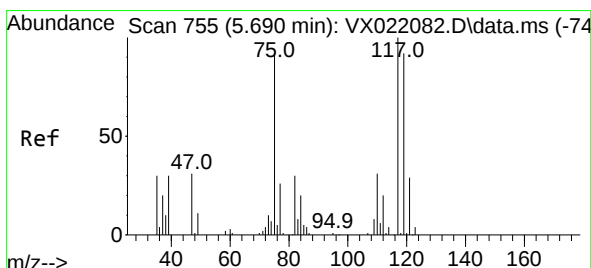
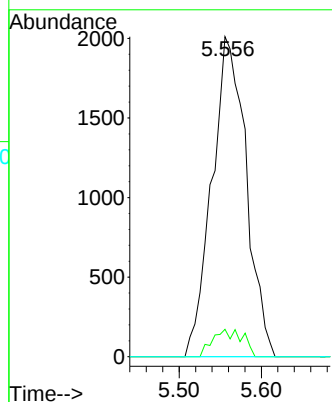
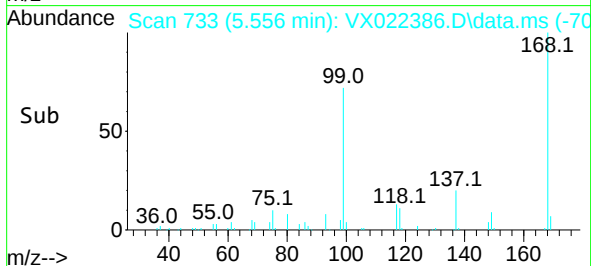


#36
1,1-Dichloropropene
Concen: 4.94 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX022386.D
Acq: 03 Jun 2021 23:27

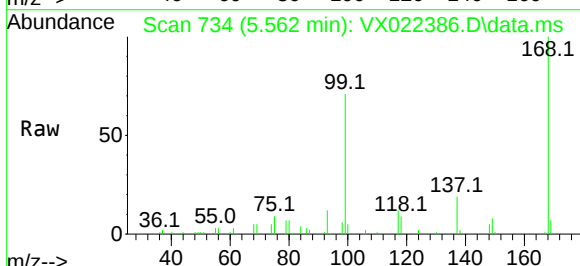
Instrument :
MSVOA_X
ClientSampled :



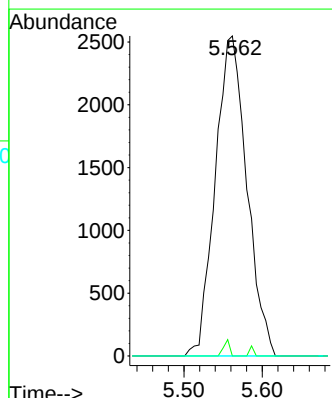
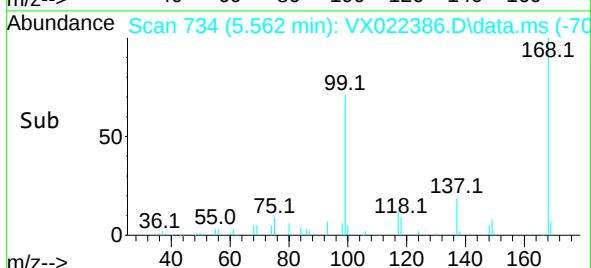
Tgt Ion: 75 Resp: 5820
Ion Ratio Lower Upper
75 100
110 7.5 18.1 54.4#
77 0.0 25.3 37.9#

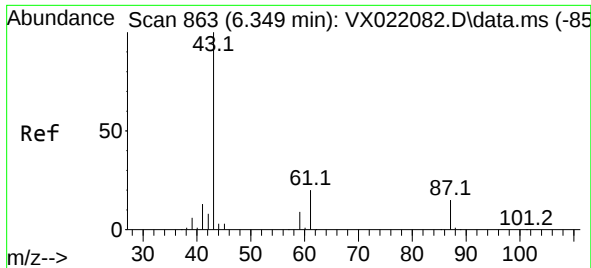


#38
Carbon Tetrachloride
Concen: 6.19 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX022386.D
Acq: 03 Jun 2021 23:27



Tgt Ion: 117 Resp: 7135
Ion Ratio Lower Upper
117 100
119 0.0 76.2 114.2#
121 0.0 24.8 37.2#

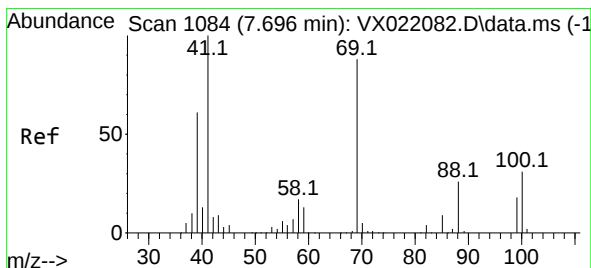
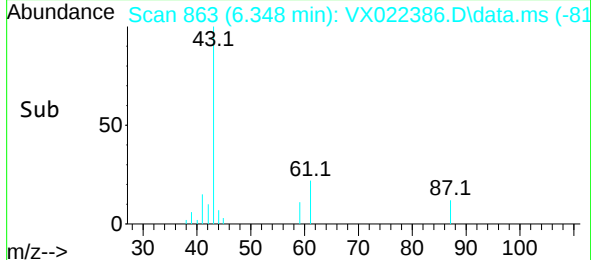
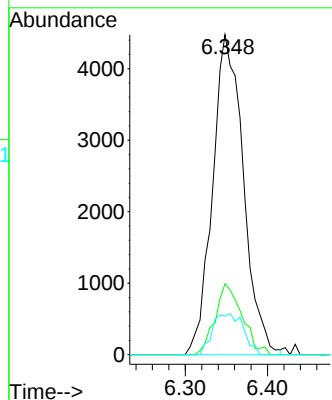
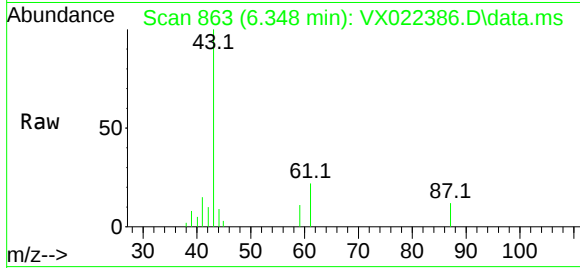




#43
Isopropyl Acetate
Concen: 4.93 ug/l
RT: 6.348 min Scan# 863
Delta R.T. -0.001 min
Lab File: VX022386.D
Acq: 03 Jun 2021 23:27

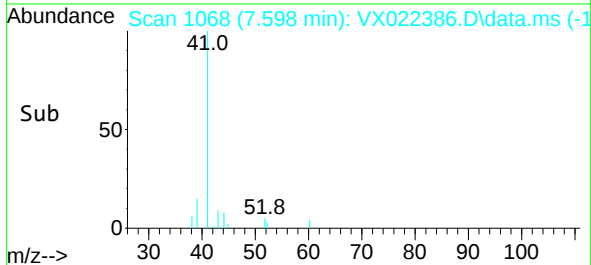
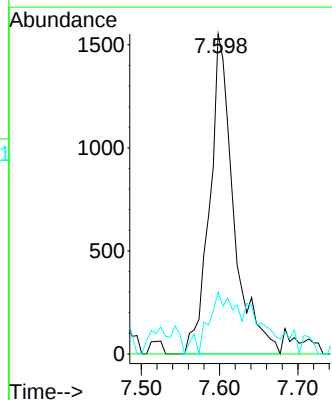
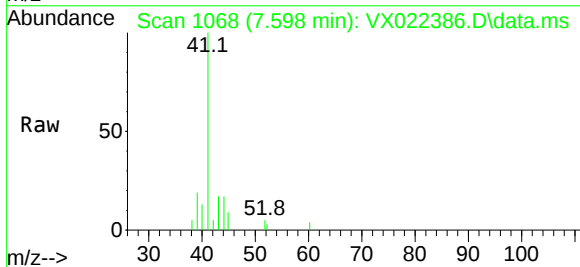
Instrument :
MSVOA_X
ClientSampleId :

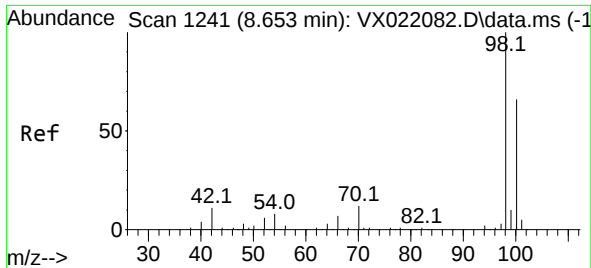
Tgt Ion: 43	Resp: 11633
Ion Ratio	Lower Upper
43 100	
61 19.5	18.2 27.4
87 12.8	12.5 18.7



#48
Methyl methacrylate
Concen: 3.03 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.098 min
Lab File: VX022386.D
Acq: 03 Jun 2021 23:27

Tgt Ion: 41	Resp: 3297
Ion Ratio	Lower Upper
41 100	
69 0.0	76.0 114.0#
39 0.0	44.6 67.0#

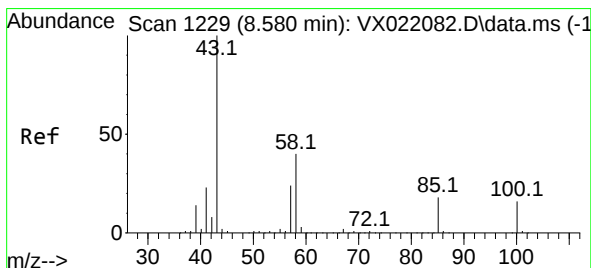
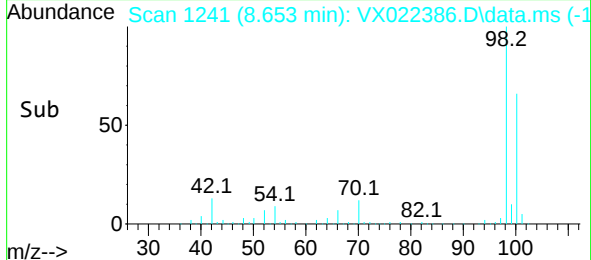
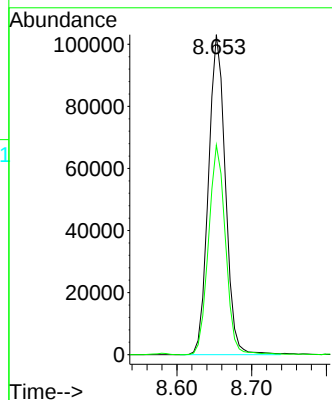
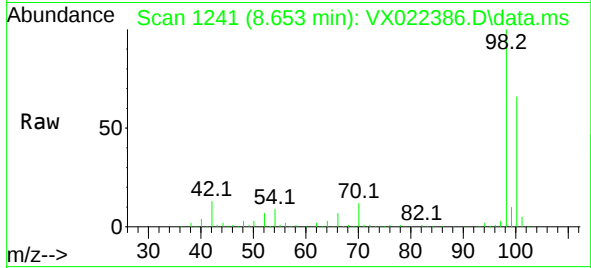




#50
Toluene-d8
Concen: 52.14 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022386.D
Acq: 03 Jun 2021 23:27

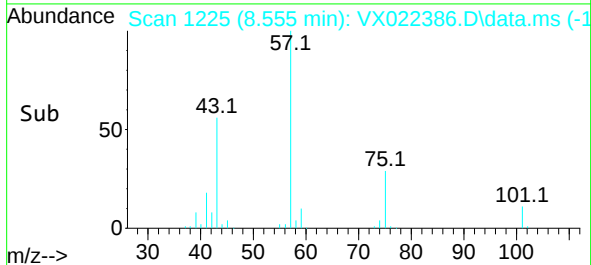
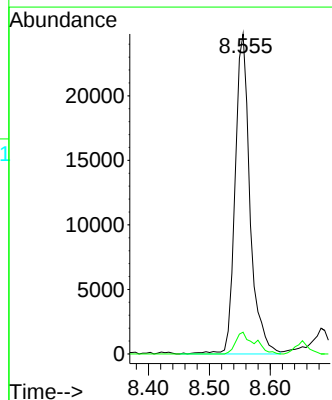
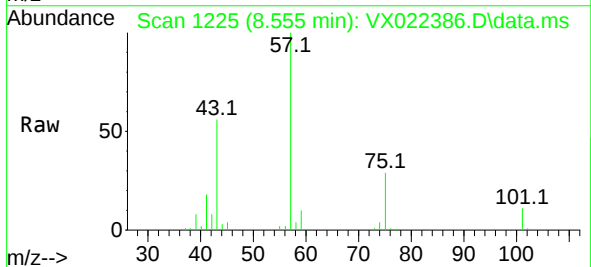
Instrument :
MSVOA_X
ClientSampled :

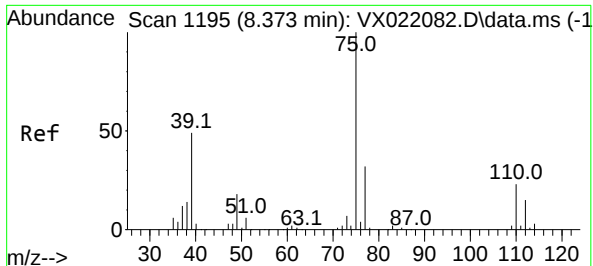
Tgt Ion: 98 Resp: 162173
Ion Ratio Lower Upper
98 100
100 65.6 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 29.76 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022386.D
Acq: 03 Jun 2021 23:27

Tgt Ion: 43 Resp: 42084
Ion Ratio Lower Upper
43 100
58 8.6 35.4 53.0#

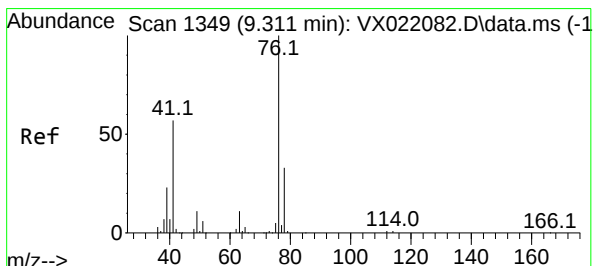
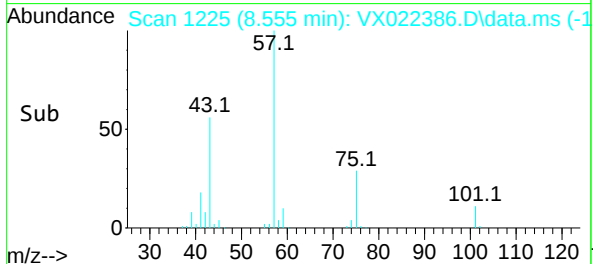
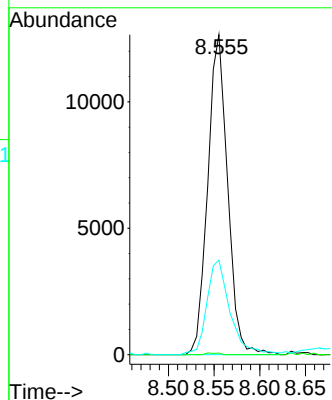
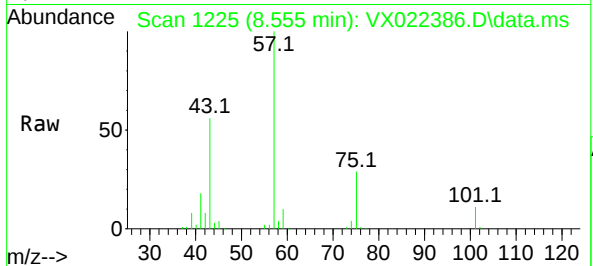




#54
 cis-1,3-Dichloropropene
 Concen: 12.26 ug/l
 RT: 8.555 min Scan# 1225
 Delta R.T. 0.182 min
 Lab File: VX022386.D
 Acq: 03 Jun 2021 23:27

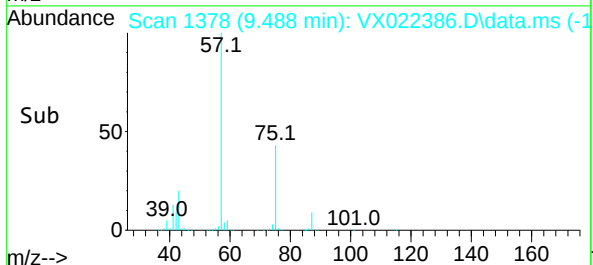
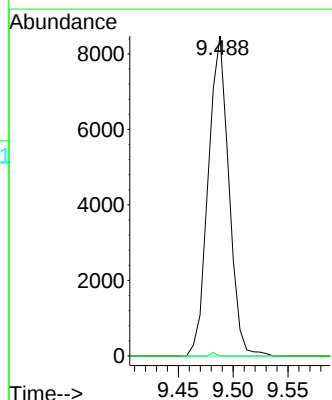
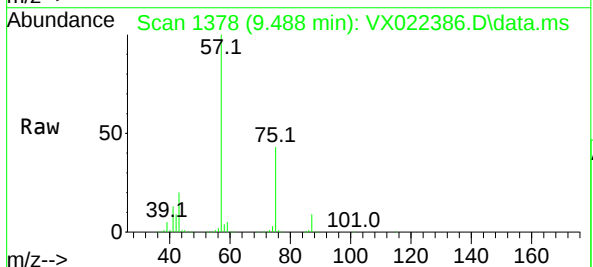
Instrument :
 MSVOA_X
 ClientSampled :

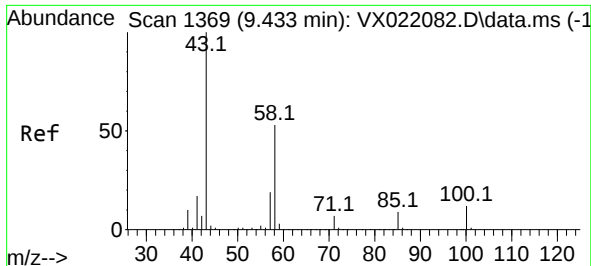
Tgt Ion: 75 Resp: 19095
 Ion Ratio Lower Upper
 75 100
 77 0.5 25.7 38.5#
 39 29.6 35.1 52.7#



#57
 1,3-Dichloropropane
 Concen: 6.96 ug/l
 RT: 9.488 min Scan# 1378
 Delta R.T. 0.177 min
 Lab File: VX022386.D
 Acq: 03 Jun 2021 23:27

Tgt Ion: 76 Resp: 11075
 Ion Ratio Lower Upper
 76 100
 78 0.3 26.2 39.2#





#59

2-Hexanone

Concen: 140.47 ug/l

RT: 9.488 min Scan# 1378

Delta R.T. 0.055 min

Lab File: VX022386.D

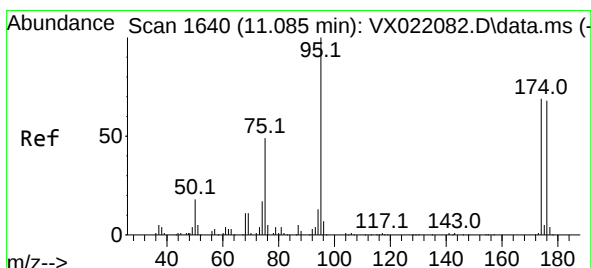
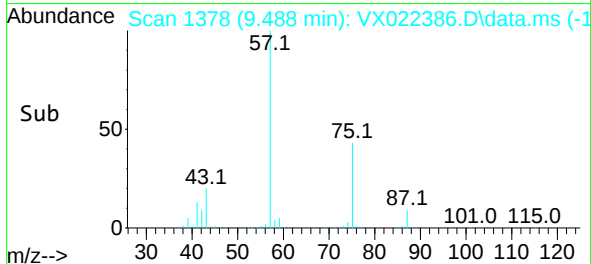
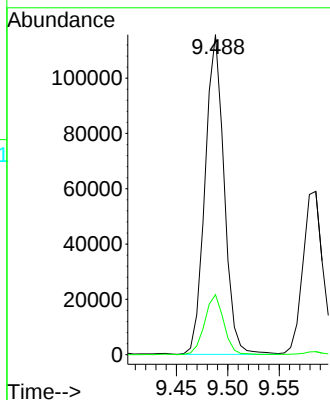
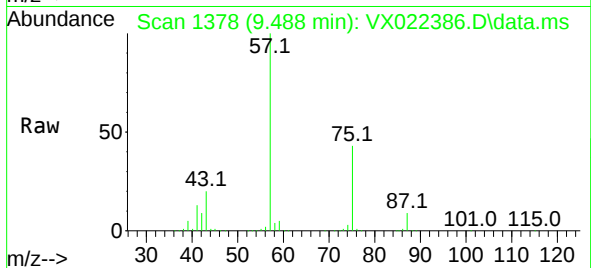
Acq: 03 Jun 2021 23:27

Tgt Ion: 43 Resp: 149404

Ion Ratio Lower Upper

43 100

58 18.9 30.9 92.8#



#62

4-Bromofluorobenzene

Concen: 46.66 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX022386.D

Acq: 03 Jun 2021 23:27

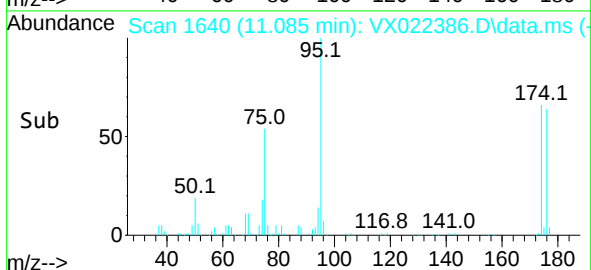
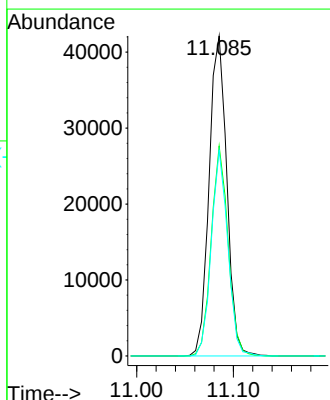
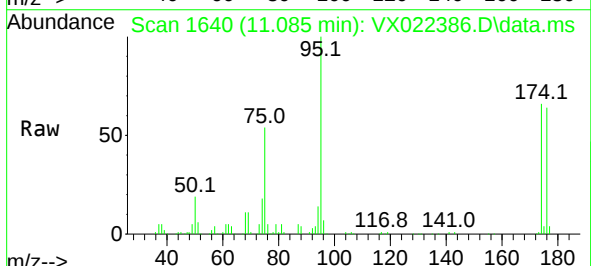
Tgt Ion: 95 Resp: 53644

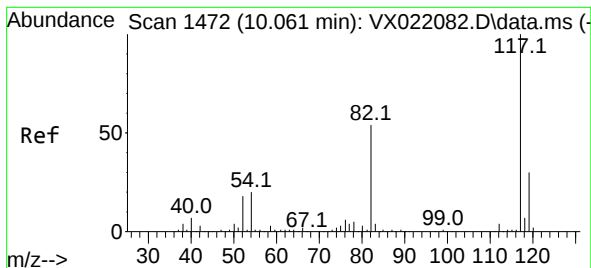
Ion Ratio Lower Upper

95 100

174 62.5 0.0 154.6

176 59.8 0.0 155.8

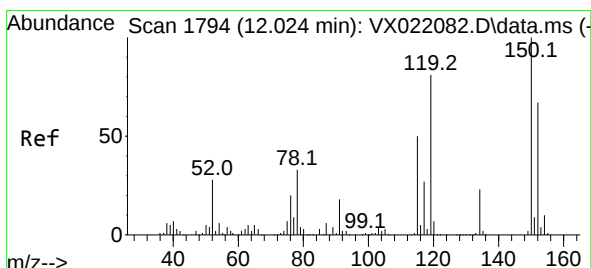
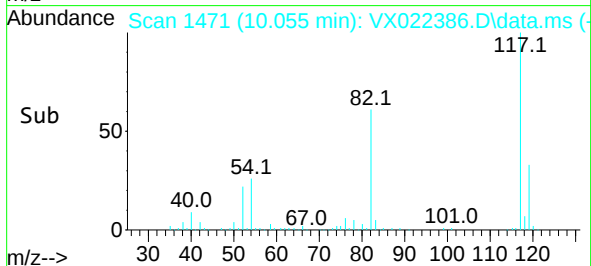
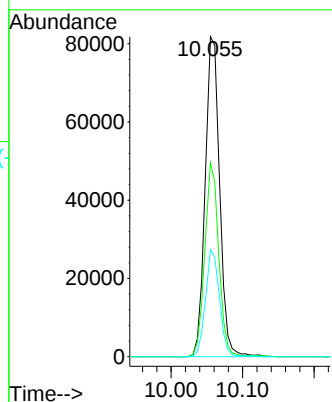
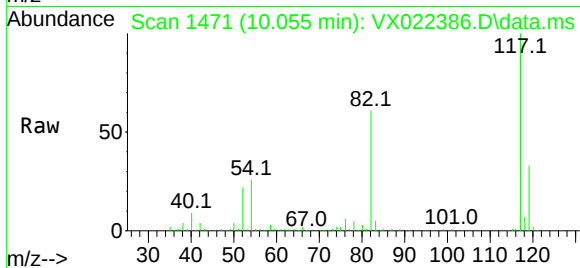




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022386.D
Acq: 03 Jun 2021 23:27

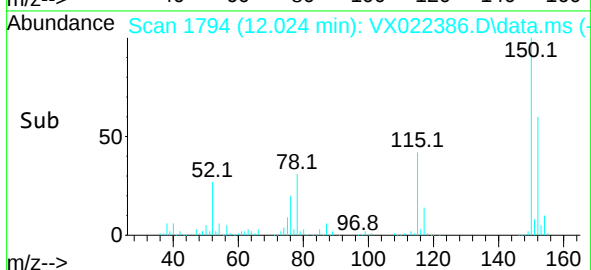
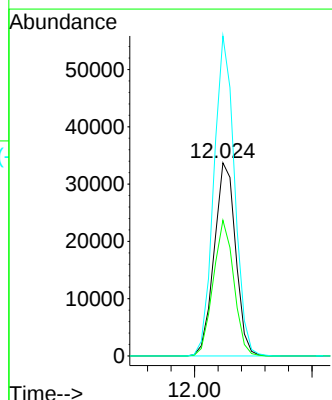
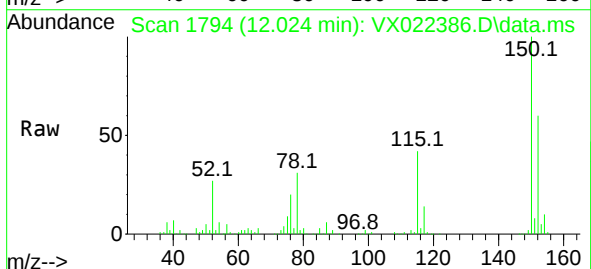
Instrument :
MSVOA_X
ClientSampleId :

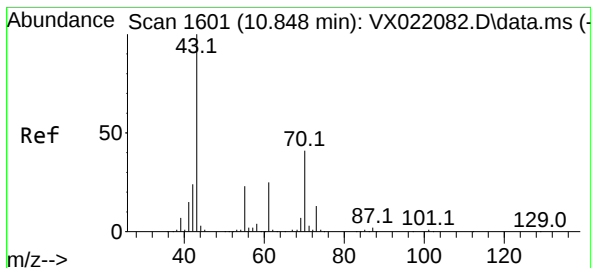
Tgt Ion:117 Resp: 115153
Ion Ratio Lower Upper
117 100
82 60.6 47.4 71.2
119 33.4 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022386.D
Acq: 03 Jun 2021 23:27

Tgt Ion:152 Resp: 42709
Ion Ratio Lower Upper
152 100
115 67.3 41.1 123.3
150 160.0 0.0 349.0



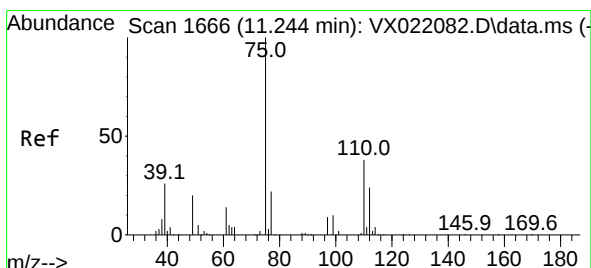
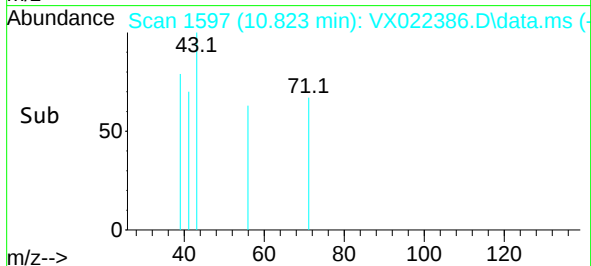
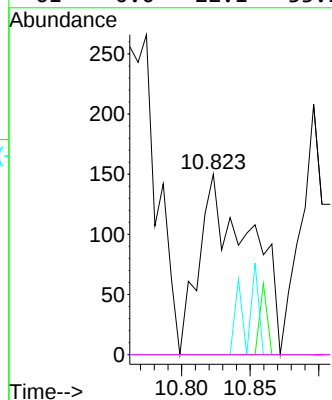
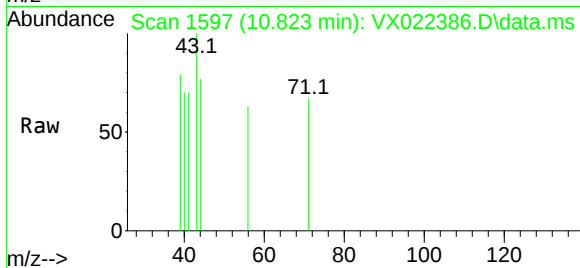


#74
N-amy1 acetate
Concen: 0.23 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.025 min
Lab File: VX022386.D
Acq: 03 Jun 2021 23:27

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 43 Resp: 387

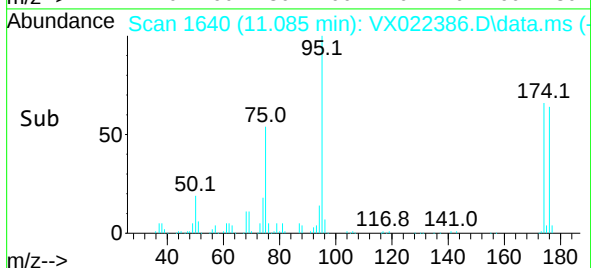
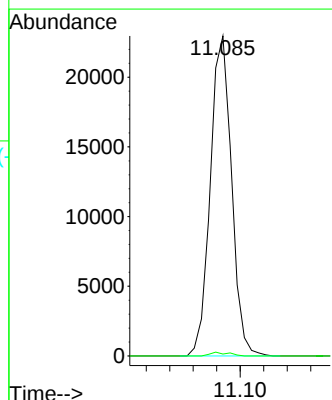
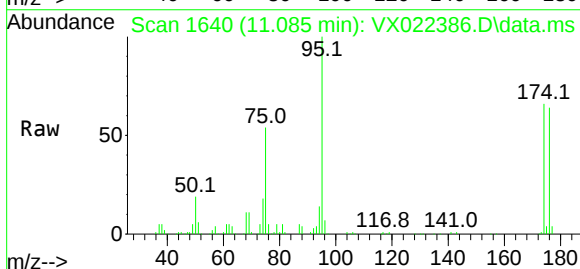
Ion	Ratio	Lower	Upper
43	100		
70	0.0	39.0	58.6#
55	0.0	21.5	32.3#
61	0.0	22.1	33.1#

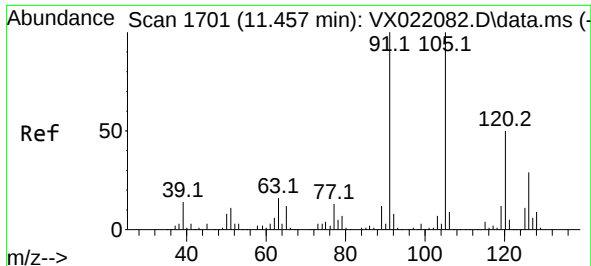


#76
1,2,3-Trichloropropane
Concen: 27.37 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022386.D
Acq: 03 Jun 2021 23:27

Tgt Ion: 75 Resp: 28835

Ion	Ratio	Lower	Upper
75	100		
77	1.0	19.1	57.5#

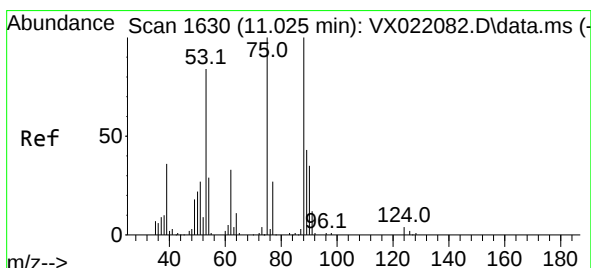
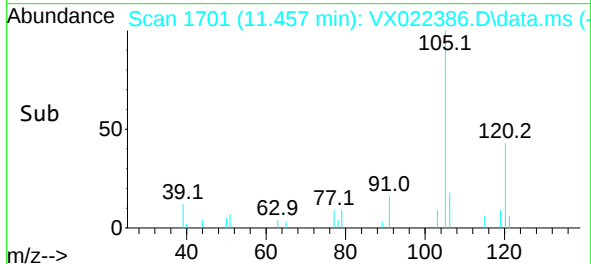
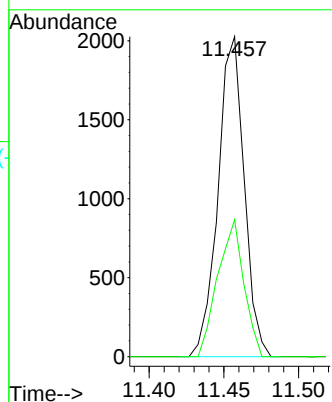
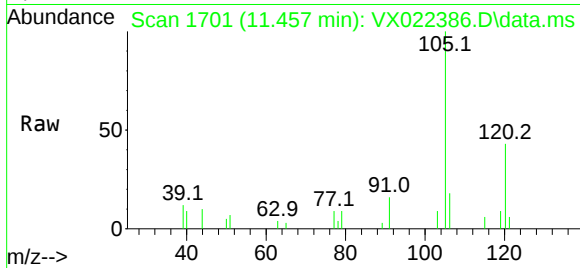




#80
1,3,5-Trimethylbenzene
Concen: 0.82 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX022386.D
Acq: 03 Jun 2021 23:27

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion:105 Resp: 2464
Ion Ratio Lower Upper
105 100
120 42.6 23.8 71.5



#81
trans-1,4-Dichloro-2-butene
Concen: 64.84 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022386.D
Acq: 03 Jun 2021 23:27

Tgt Ion: 75 Resp: 28835
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

