

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060421\
 Data File : VX022446.D
 Acq On : 05 Jun 2021 04:47
 Operator : JC/MD
 Sample : PB136806ZHE#13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 05 06:23:47 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)

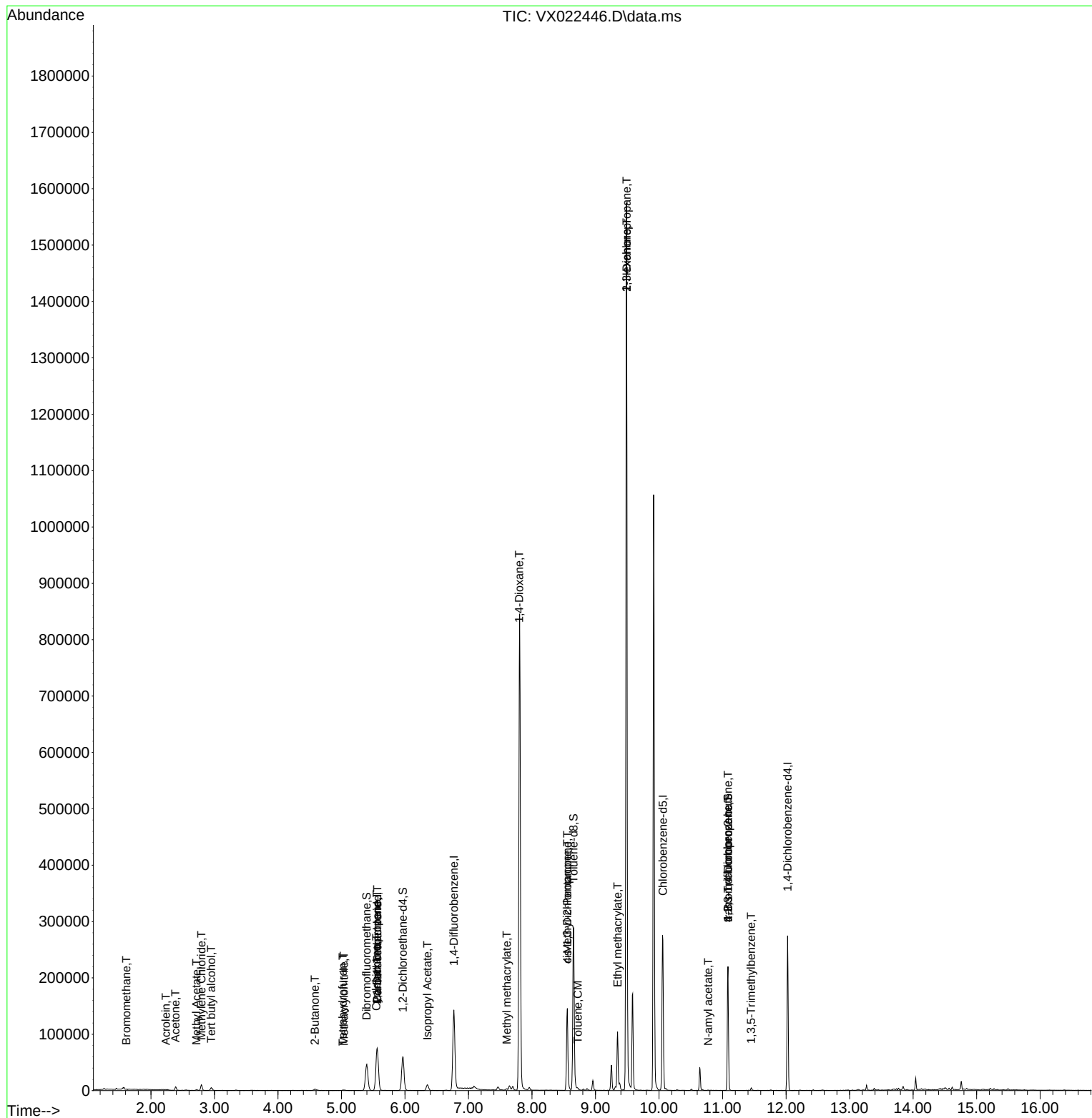
Internal Standards						
1) Pentafluorobenzene	5.562	168	64097	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	134966	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	123507	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	49227	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	55610	56.243	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 112.480%			
35) Dibromofluoromethane	5.397	113	40205	46.974	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.940%			
50) Toluene-d8	8.653	98	169553	51.427	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.860%			
62) 4-Bromofluorobenzene	11.085	95	60328	49.505	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.000%			
Target Compounds					Qvalue	
5) Bromomethane	1.612	94	168	0.324	ug/l #	2
11) Tert butyl alcohol	2.947	59	3014	13.328	ug/l #	73
13) Acrolein	2.233	56	50	0.333	ug/l #	18
16) Acetone	2.386	43	6873	15.964	ug/l #	85
18) Methyl Acetate	2.715	43	2006	1.752	ug/l	95
20) Methylene Chloride	2.794	84	4041	4.227	ug/l	98
25) 2-Butanone	4.580	43	2268	3.256	ug/l #	83
29) Tetrahydrofuran	5.019	42	298	0.719	ug/l #	36
31) Cyclohexane	5.550	56	1876	1.510	ug/l #	32
36) 1,1-Dichloropropene	5.556	75	6340	5.080	ug/l #	49
38) Carbon Tetrachloride	5.562	117	7890	6.463	ug/l #	16
41) Methacrylonitrile	5.038	41	457	0.558	ug/l #	21
43) Isopropyl Acetate	6.355	43	14548	5.814	ug/l #	92
48) Methyl methacrylate	7.604	41	3772	3.271	ug/l #	10
49) 1,4-Dioxane	7.799	88	62	2.761	ug/l #	1
51) 4-Methyl-2-Pentanone	8.555	43	50864	33.933	ug/l #	45
52) Toluene	8.720	92	512	0.211	ug/l #	58
54) cis-1,3-Dichloropropene	8.555	75	23280	14.106	ug/l #	61
56) Ethyl methacrylate	9.348	69	393	0.246	ug/l #	1
57) 1,3-Dichloropropane	9.488	76	13079	7.760	ug/l #	42
59) 2-Hexanone	9.488	43	185865	164.865	ug/l #	44
74) N-amyl acetate	10.775	43	586	0.296	ug/l #	40
76) 1,2,3-Trichloropropane	11.085	75	31441	25.889	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.451	105	1978	0.573	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.085	75	31441	61.341	ug/l #	12

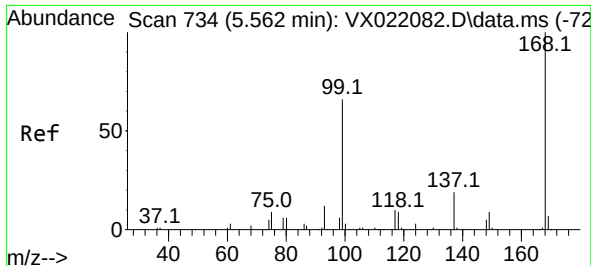
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060421\
Data File : VX022446.D
Acq On : 05 Jun 2021 04:47
Operator : JC/MD
Sample : PB136806ZHE#13
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

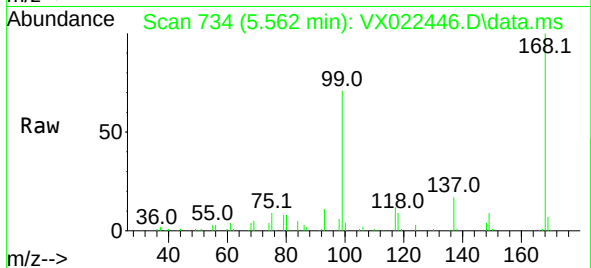
Quant Time: Jun 05 06:23:47 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
Response via : Initial Calibration



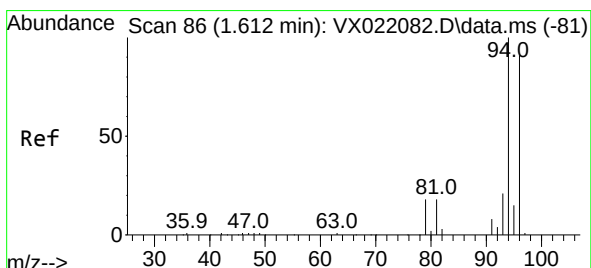
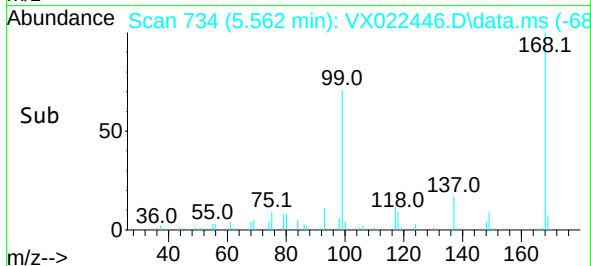
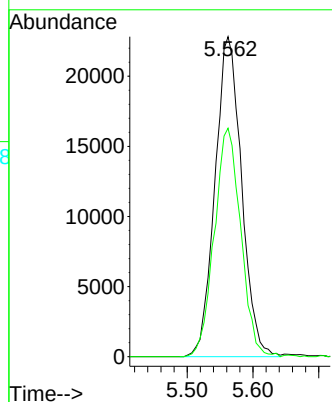


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX022446.D
Acq: 05 Jun 2021 04:47

Instrument :
MSVOA_X
ClientSampled :

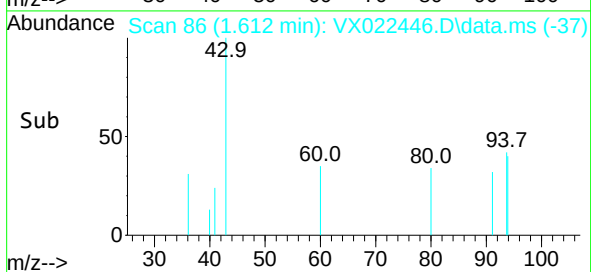
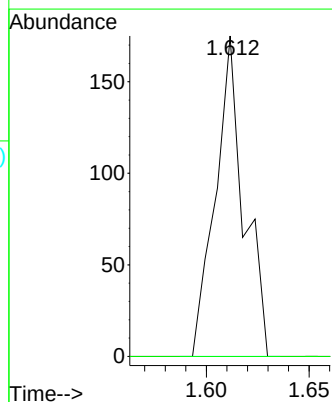
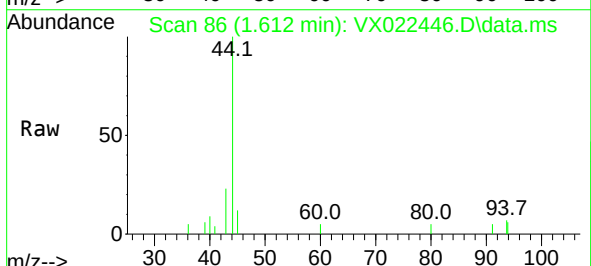


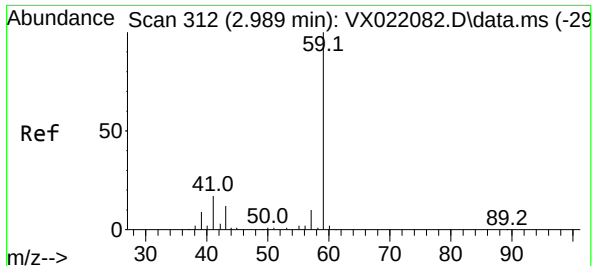
Tgt Ion:168 Resp: 64097
Ion Ratio Lower Upper
168 100
99 71.4 45.8 68.6#



#5
Bromomethane
Concen: 0.324 ug/l
RT: 1.612 min Scan# 86
Delta R.T. -0.000 min
Lab File: VX022446.D
Acq: 05 Jun 2021 04:47

Tgt Ion: 94 Resp: 168
Ion Ratio Lower Upper
94 100
96 0.0 76.4 114.6#



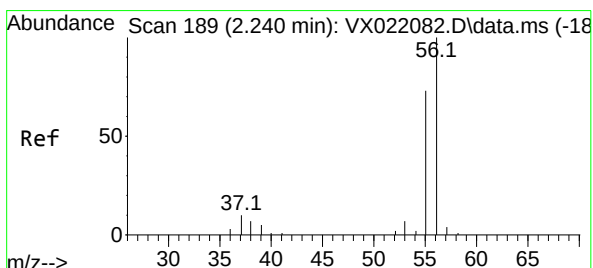
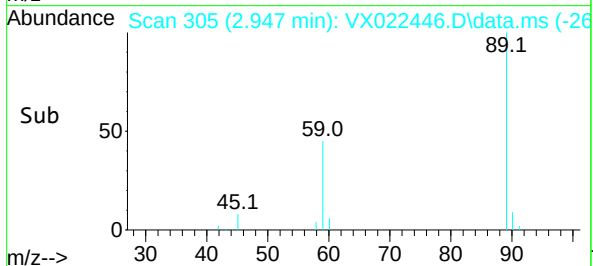
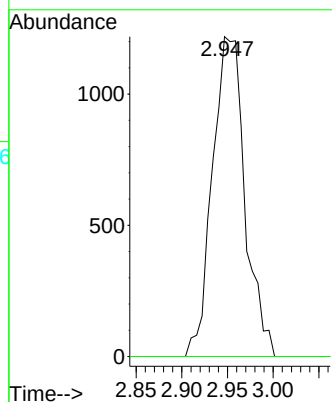
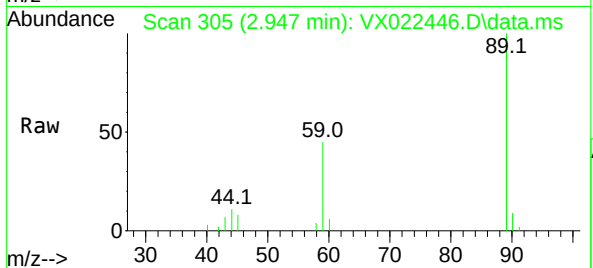


#11

Tert butyl alcohol
Concen: 13.328 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.042 min
Lab File: VX022446.D
Acq: 05 Jun 2021 04:47

Instrument :
MSVOA_X
ClientSampled :

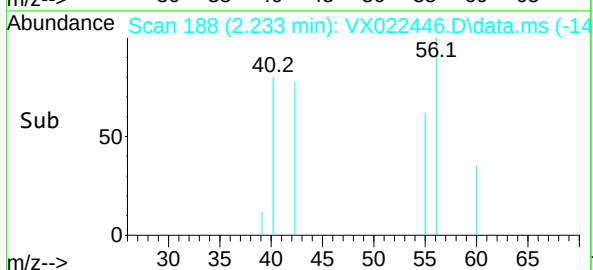
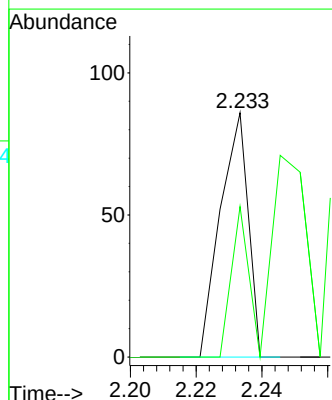
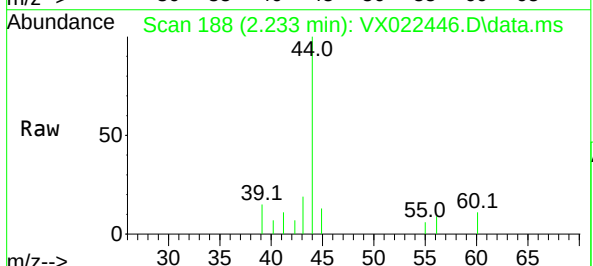
Tgt Ion: 59 Resp: 3014
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

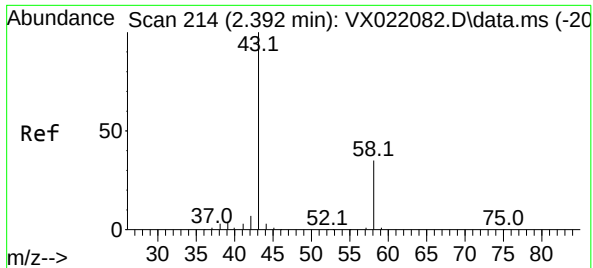


#13

Acrolein
Concen: 0.333 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.007 min
Lab File: VX022446.D
Acq: 05 Jun 2021 04:47

Tgt Ion: 56 Resp: 50
Ion Ratio Lower Upper
56 100
55 138.0 56.4 84.6#

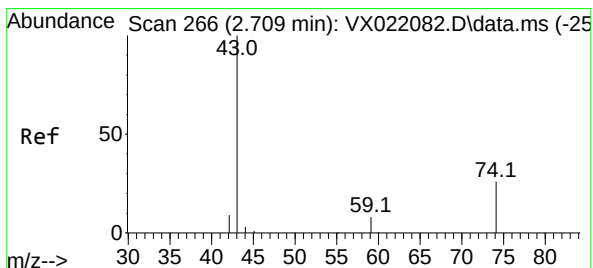
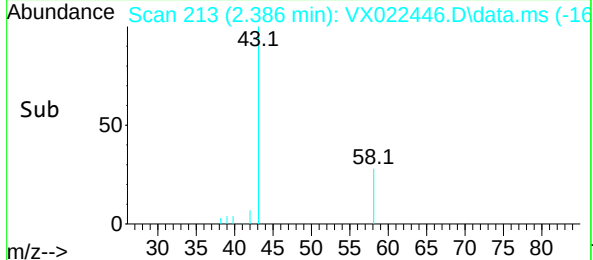
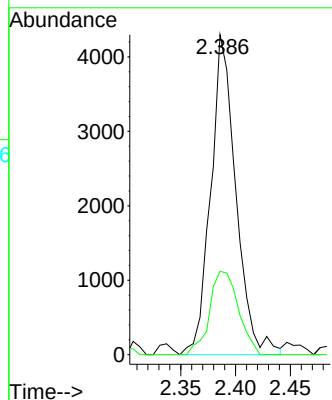
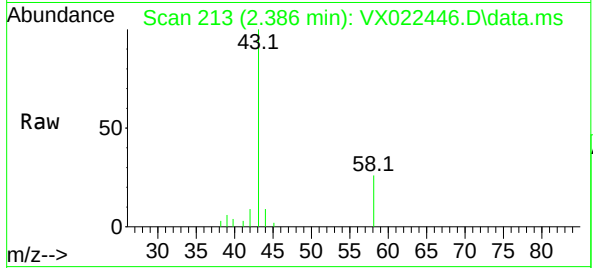




#16
Acetone
Concen: 15.964 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022446.D
Acq: 05 Jun 2021 04:47

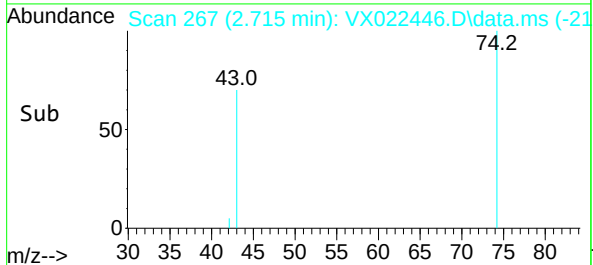
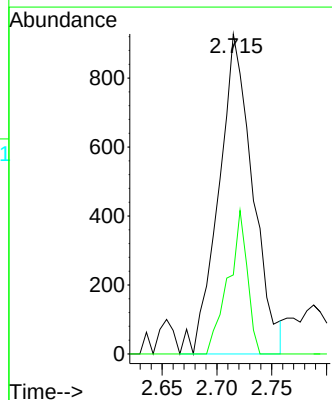
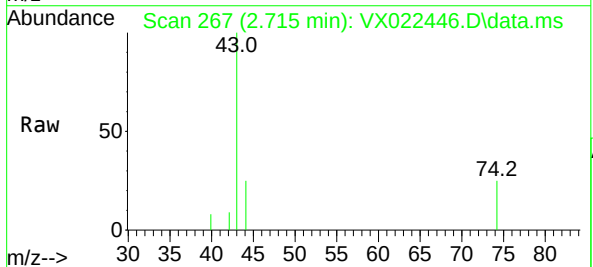
Instrument :
MSVOA_X
ClientSampled :

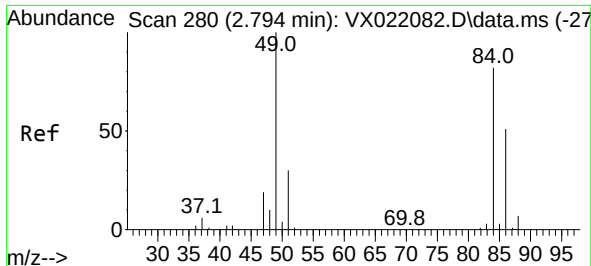
Tgt Ion: 43 Resp: 6873
Ion Ratio Lower Upper
43 100
58 26.0 27.8 41.8#



#18
Methyl Acetate
Concen: 1.752 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX022446.D
Acq: 05 Jun 2021 04:47

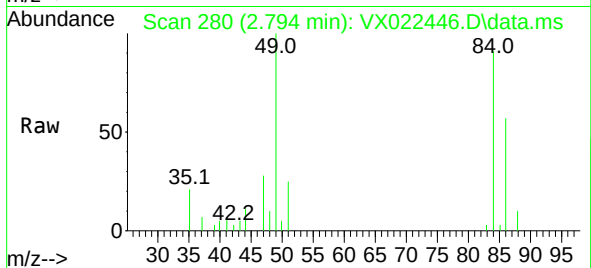
Tgt Ion: 43 Resp: 2006
Ion Ratio Lower Upper
43 100
74 25.0 21.9 32.9



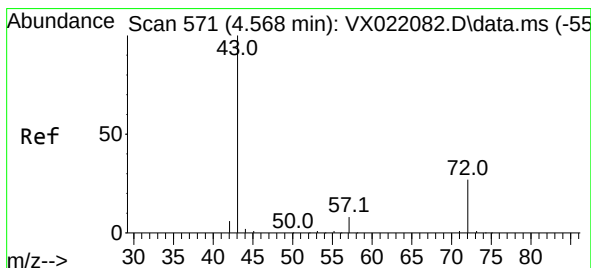
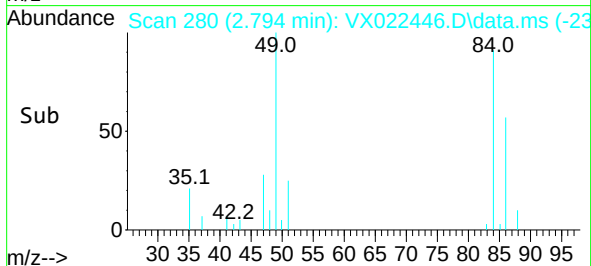
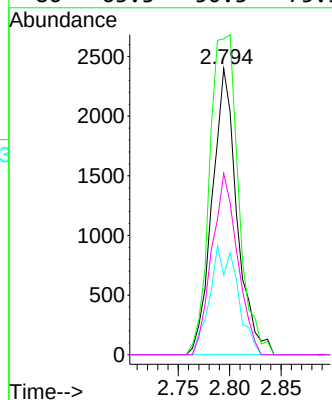


#20
Methylene Chloride
Concen: 4.227 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022446.D
Acq: 05 Jun 2021 04:47

Instrument :
MSVOA_X
ClientSampleId :

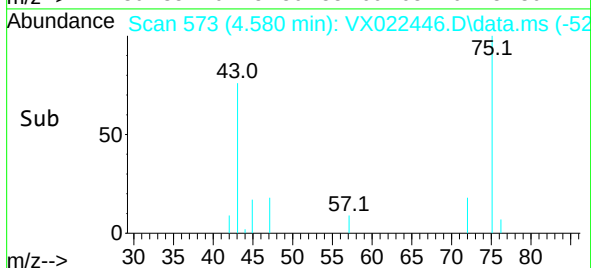
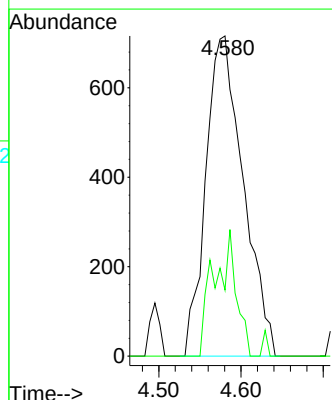
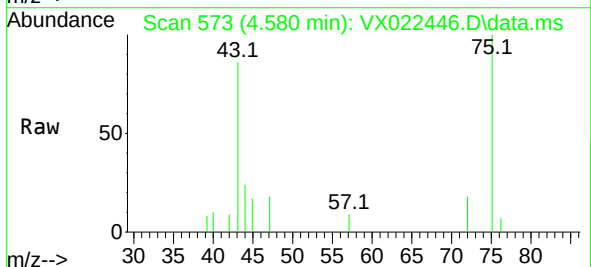


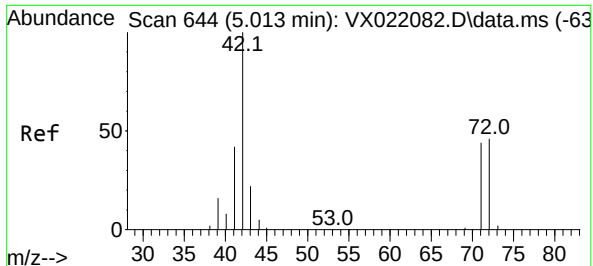
Tgt Ion:	84	Resp:	4041
Ion	Ratio	Lower	Upper
84	100		
49	110.3	88.6	132.8
51	27.8	27.0	40.6
86	63.3	50.3	75.5



#25
2-Butanone
Concen: 3.256 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.013 min
Lab File: VX022446.D
Acq: 05 Jun 2021 04:47

Tgt Ion:	43	Resp:	2268
Ion	Ratio	Lower	Upper
43	100		
72	20.7	23.7	35.5#





#29

Tetrahydrofuran

Concen: 0.719 ug/l

RT: 5.019 min Scan# 645

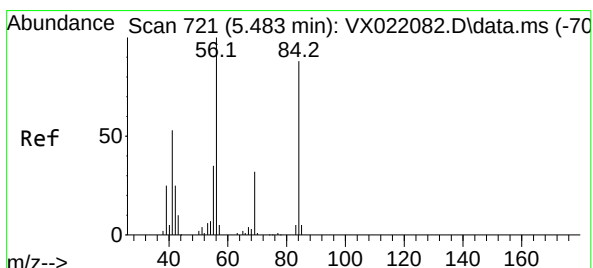
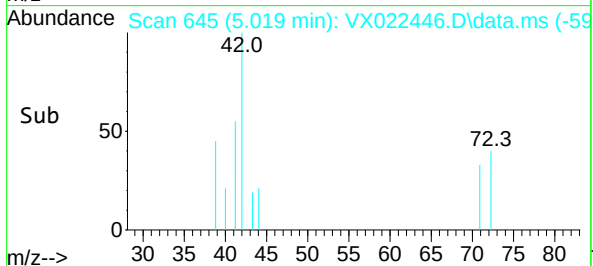
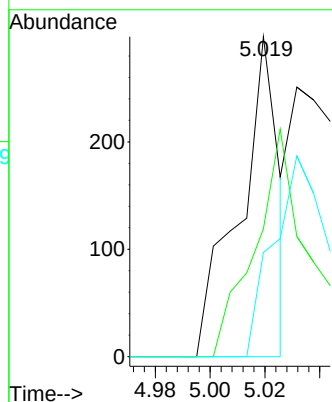
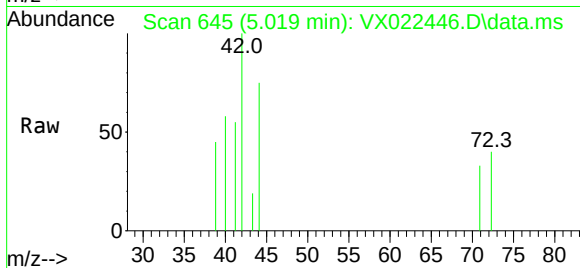
Delta R.T. 0.006 min

Lab File: VX022446.D

Acq: 05 Jun 2021 04:47

Tgt Ion:	42	Resp:	298
Ion	Ratio	Lower	Upper
42	100		
72	101.7	41.7	62.5#
71	86.2	38.4	57.6#

Instrument :
MSVOA_X
ClientSampled :



#31

Cyclohexane

Concen: 1.510 ug/l

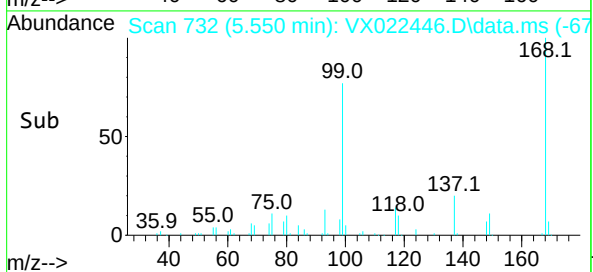
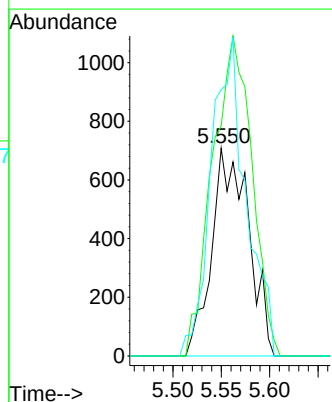
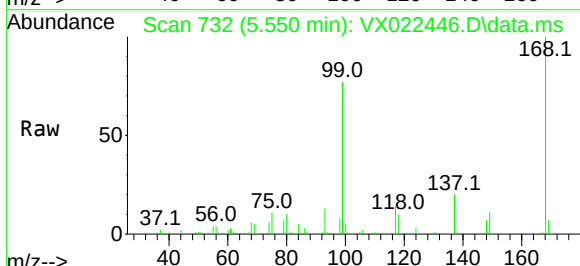
RT: 5.550 min Scan# 732

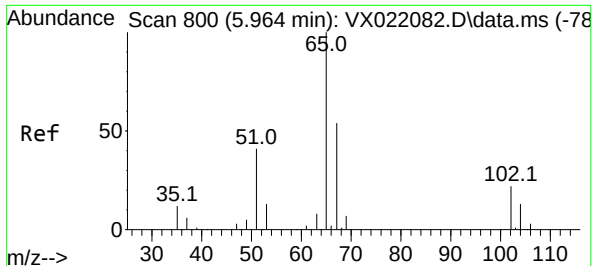
Delta R.T. 0.067 min

Lab File: VX022446.D

Acq: 05 Jun 2021 04:47

Tgt Ion:	56	Resp:	1876
Ion	Ratio	Lower	Upper
56	100		
69	110.7	25.3	37.9#
84	128.2	71.4	107.0#



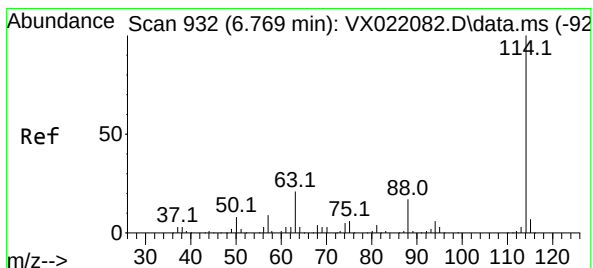
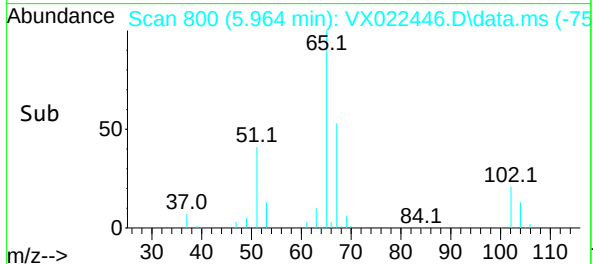
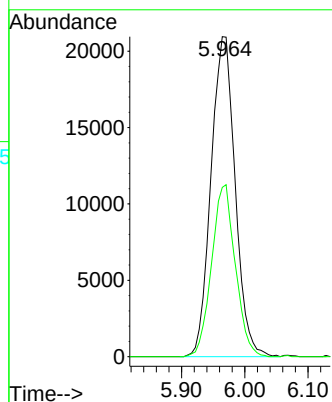
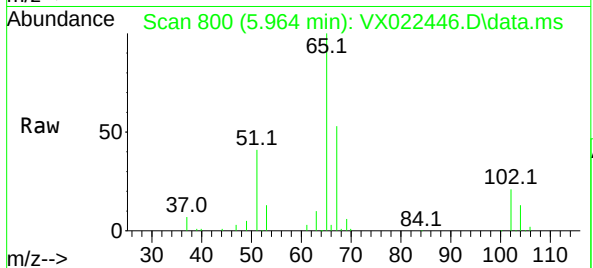


#33

1,2-Dichloroethane-d4
Concen: 56.243 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022446.D
Acq: 05 Jun 2021 04:47

Instrument :
MSVOA_X
ClientSampled :

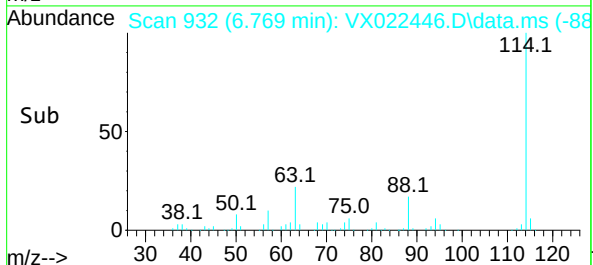
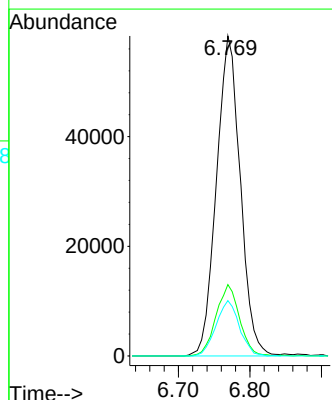
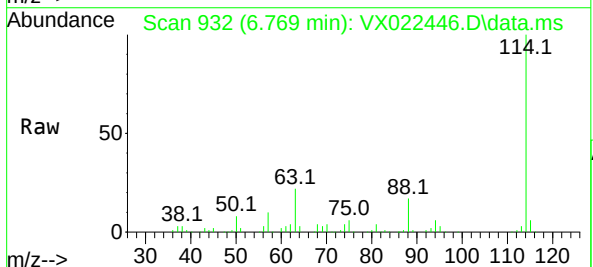
Tgt Ion: 65 Resp: 55610
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.4

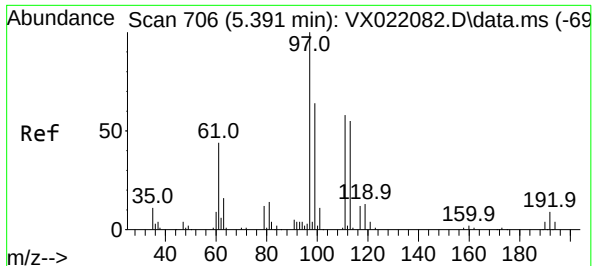


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022446.D
Acq: 05 Jun 2021 04:47

Tgt Ion: 114 Resp: 134966
Ion Ratio Lower Upper
114 100
63 22.3 0.0 40.8
88 17.3 0.0 32.8

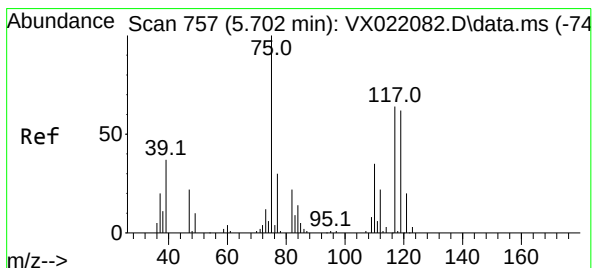
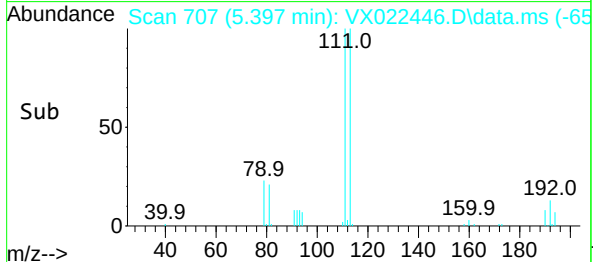
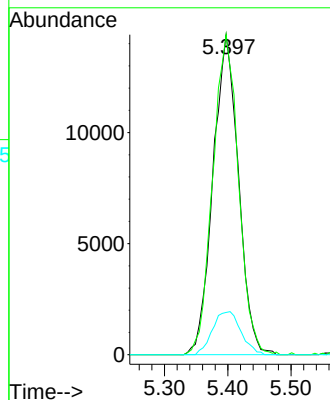
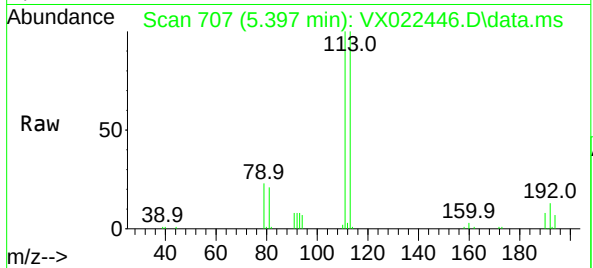




#35
Dibromofluoromethane
Concen: 46.974 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022446.D
Acq: 05 Jun 2021 04:47

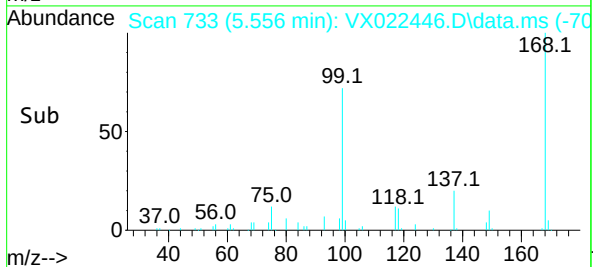
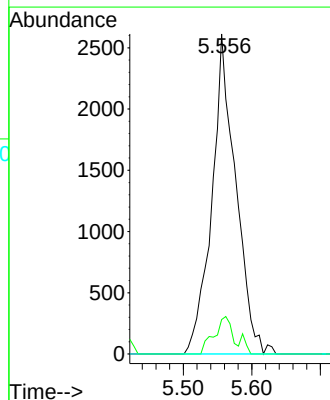
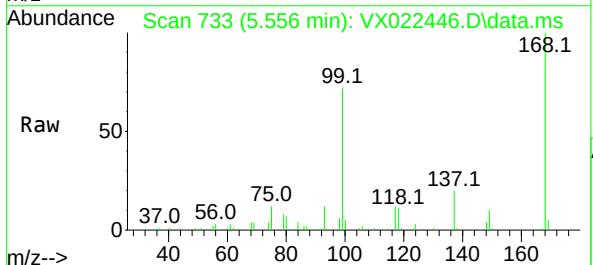
Instrument :
MSVOA_X
ClientSampled :

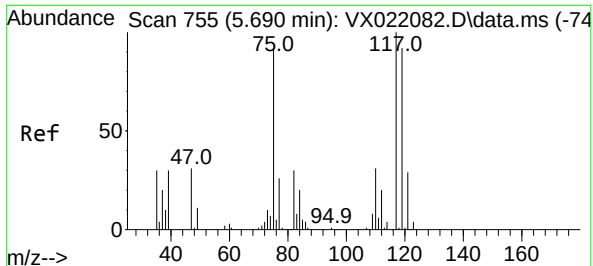
Tgt Ion:113 Resp: 40205
Ion Ratio Lower Upper
113 100
111 101.1 81.9 122.9
192 15.0 16.7 25.1#



#36
1,1-Dichloropropene
Concen: 5.080 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX022446.D
Acq: 05 Jun 2021 04:47

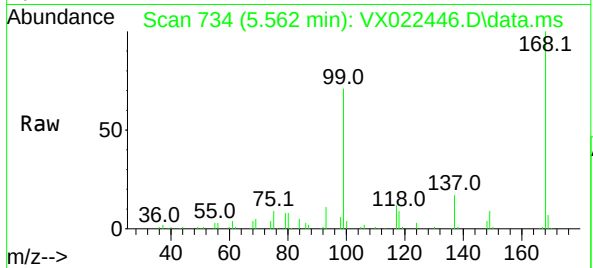
Tgt Ion: 75 Resp: 6340
Ion Ratio Lower Upper
75 100
110 8.8 18.1 54.4#
77 0.0 25.3 37.9#



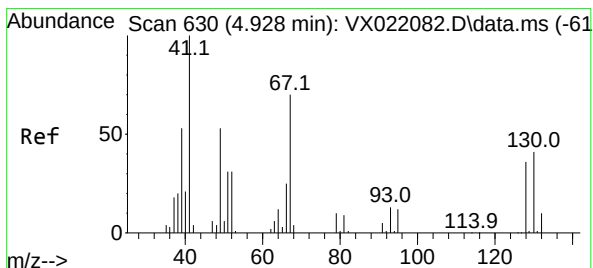
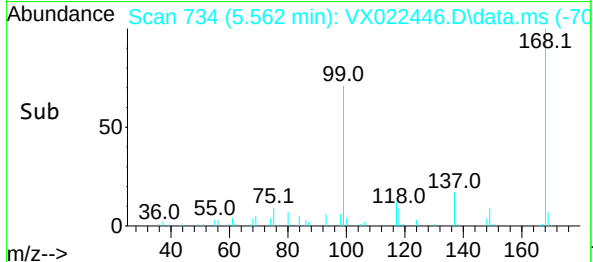
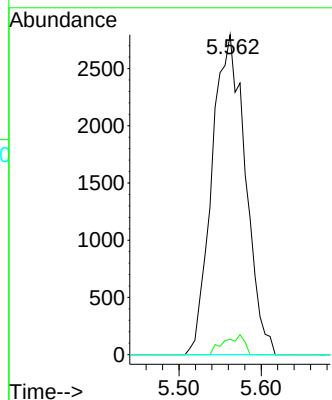


#38
Carbon Tetrachloride
Concen: 6.463 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX022446.D
Acq: 05 Jun 2021 04:47

Instrument :
MSVOA_X
ClientSampleId :

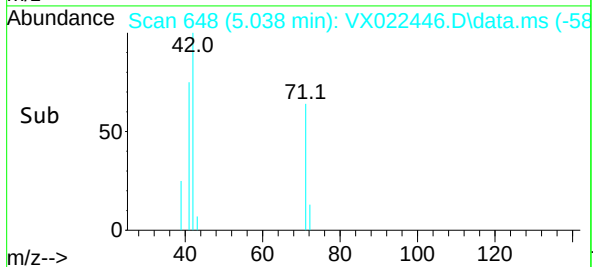
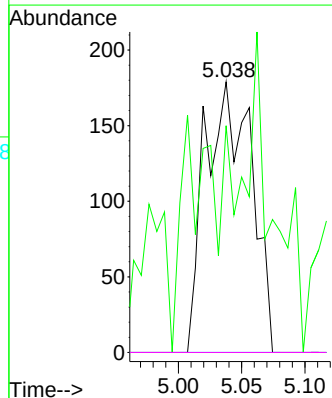
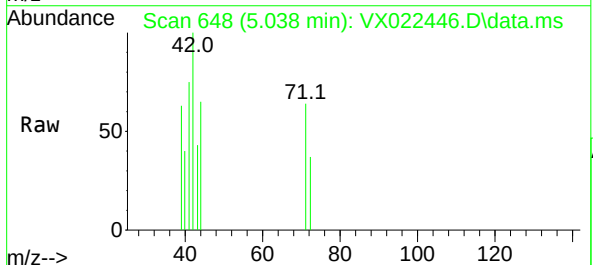


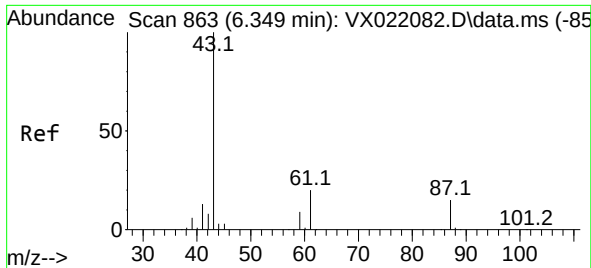
Tgt Ion:117 Resp: 7890
Ion Ratio Lower Upper
117 100
119 4.8 76.2 114.2#
121 0.0 24.8 37.2#



#41
Methacrylonitrile
Concen: 0.558 ug/l
RT: 5.038 min Scan# 648
Delta R.T. 0.110 min
Lab File: VX022446.D
Acq: 05 Jun 2021 04:47

Tgt Ion: 41 Resp: 457
Ion Ratio Lower Upper
41 100
39 0.0 42.5 63.7#
67 0.0 65.0 97.6#
52 0.0 25.3 37.9#

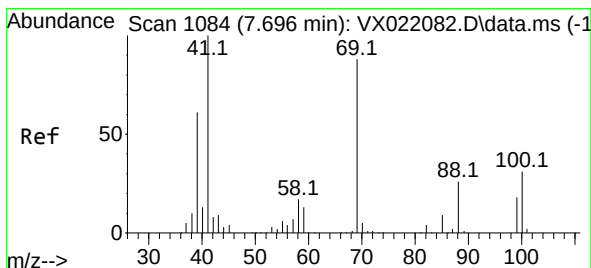
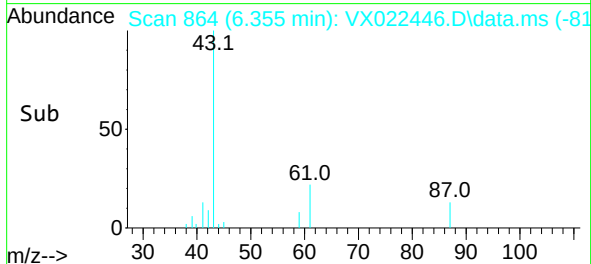
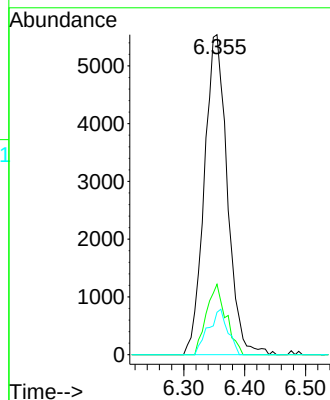
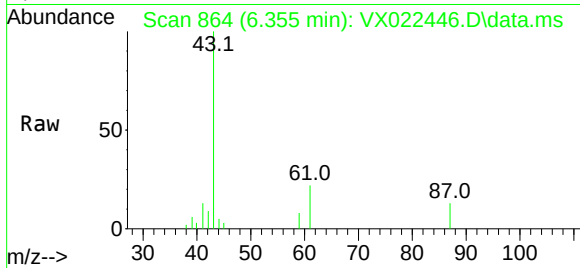




#43
Isopropyl Acetate
Concen: 5.814 ug/l
RT: 6.355 min Scan# 864
Delta R.T. 0.006 min
Lab File: VX022446.D
Acq: 05 Jun 2021 04:47

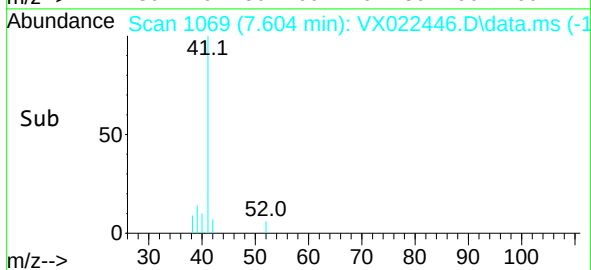
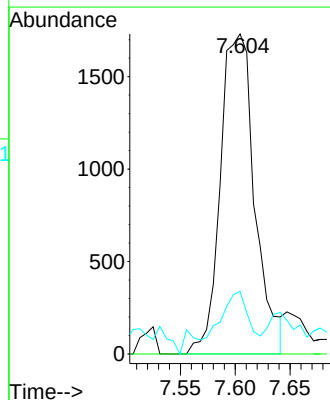
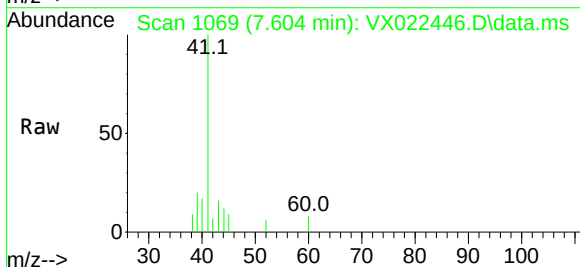
Instrument :
MSVOA_X
ClientSampleId :

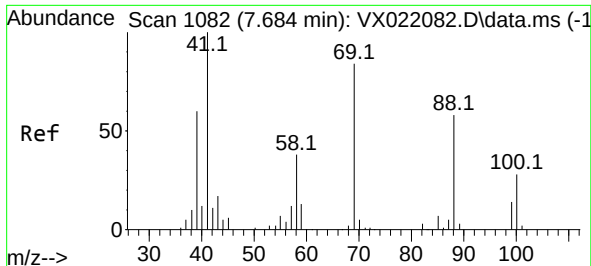
Tgt Ion: 43 Resp: 14548
Ion Ratio Lower Upper
43 100
61 18.8 18.2 27.4
87 12.0 12.5 18.7#



#48
Methyl methacrylate
Concen: 3.271 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. -0.092 min
Lab File: VX022446.D
Acq: 05 Jun 2021 04:47

Tgt Ion: 41 Resp: 3772
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 0.0 44.6 67.0#





#49

1,4-Dioxane

Concen: 2.761 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.115 min

Lab File: VX022446.D

Acq: 05 Jun 2021 04:47

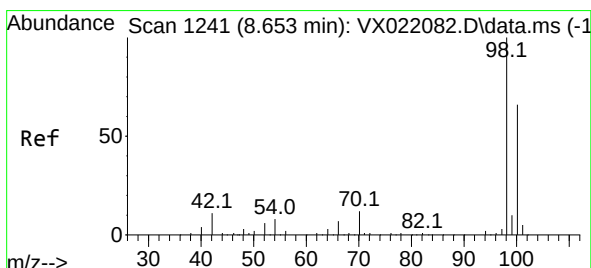
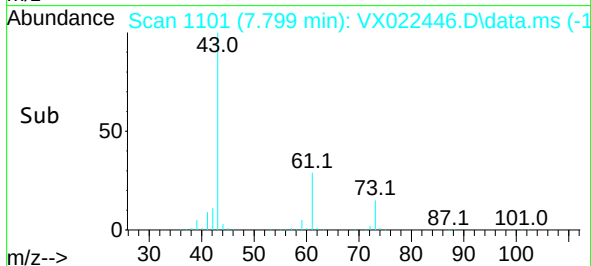
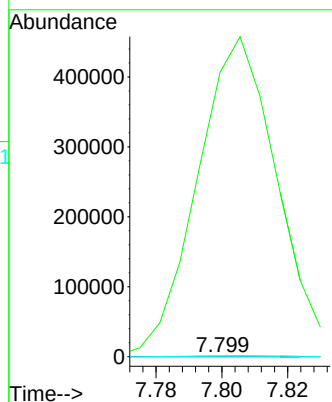
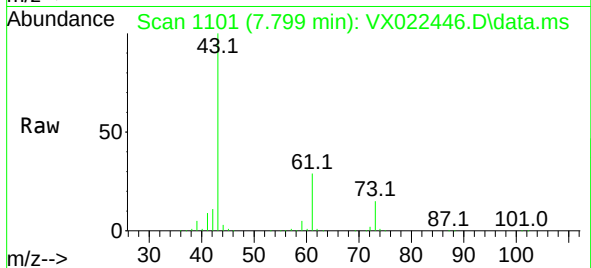
Tgt Ion: 88 Resp: 62

Ion Ratio Lower Upper

88 100

43 1259321.0 23.2 34.8#

58 4932.3 55.0 82.4#



#50

Toluene-d8

Concen: 51.427 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX022446.D

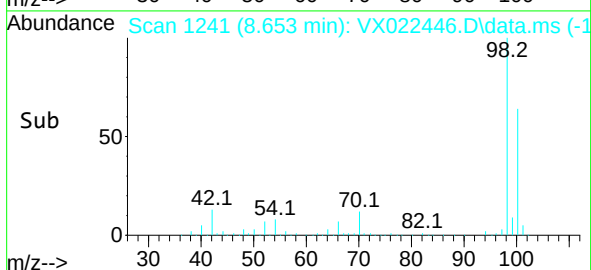
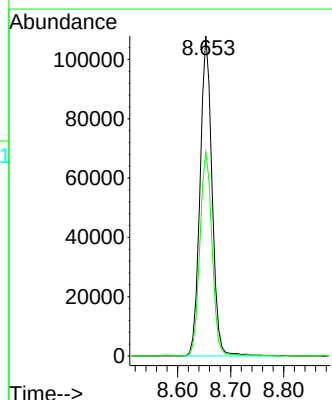
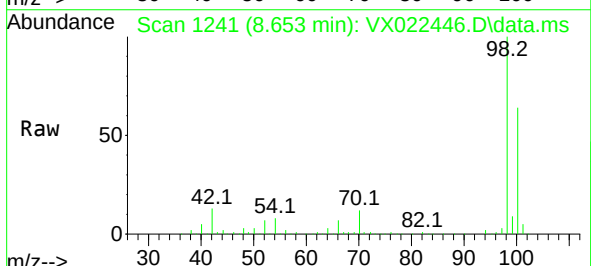
Acq: 05 Jun 2021 04:47

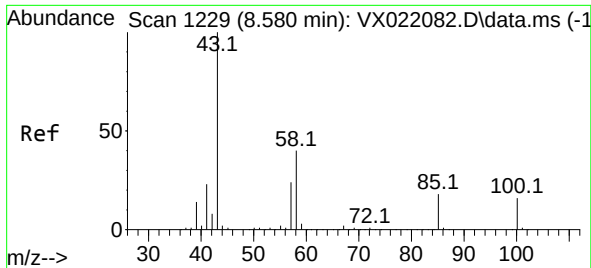
Tgt Ion: 98 Resp: 169553

Ion Ratio Lower Upper

98 100

100 64.6 51.9 77.9

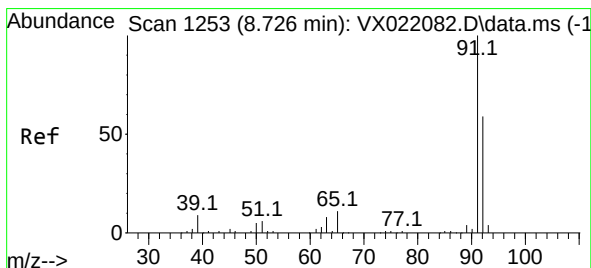
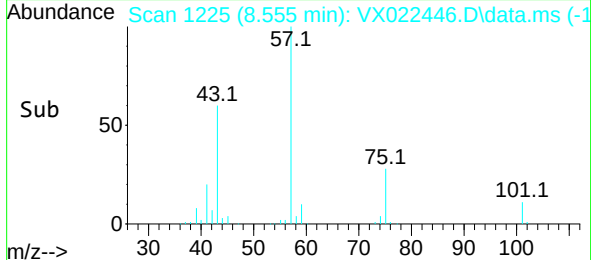
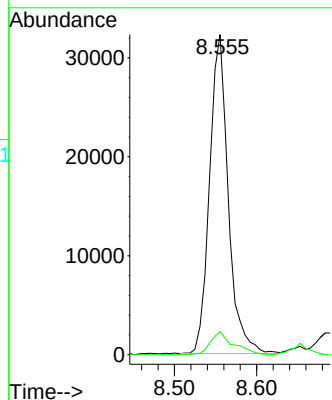
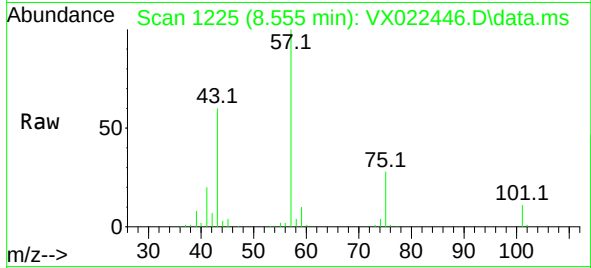




#51
4-Methyl-2-Pentanone
Concen: 33.933 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022446.D
Acq: 05 Jun 2021 04:47

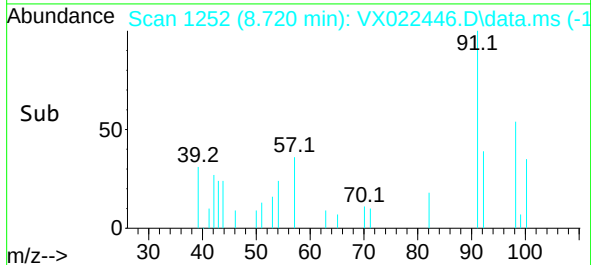
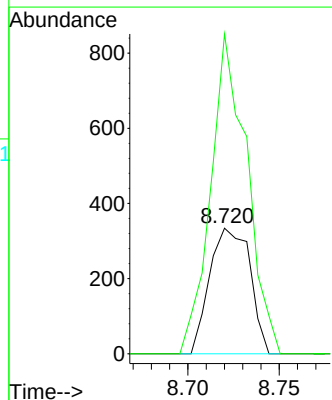
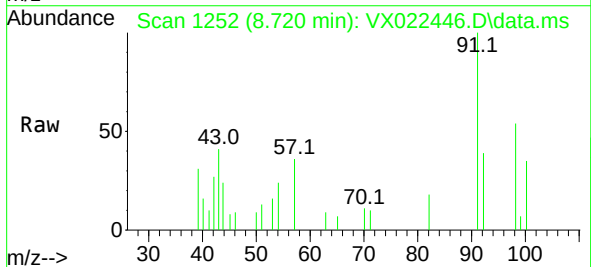
Instrument :
MSVOA_X
ClientSampled :

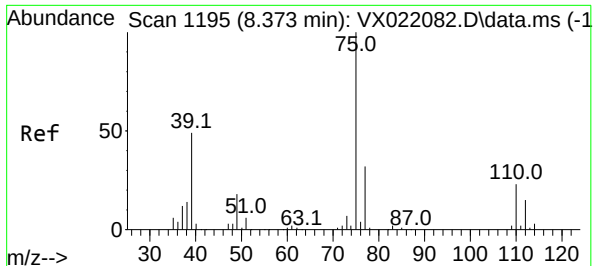
Tgt Ion: 43 Resp: 50864
Ion Ratio Lower Upper
43 100
58 8.8 35.4 53.0#



#52
Toluene
Concen: 0.211 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.006 min
Lab File: VX022446.D
Acq: 05 Jun 2021 04:47

Tgt Ion: 92 Resp: 512
Ion Ratio Lower Upper
92 100
91 228.9 137.1 205.7#

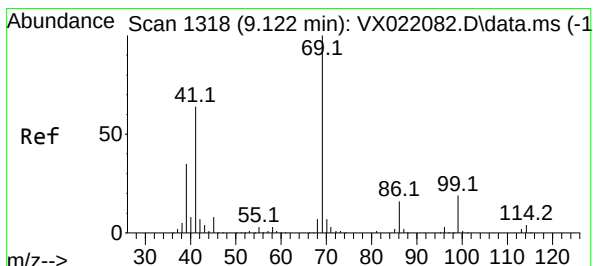
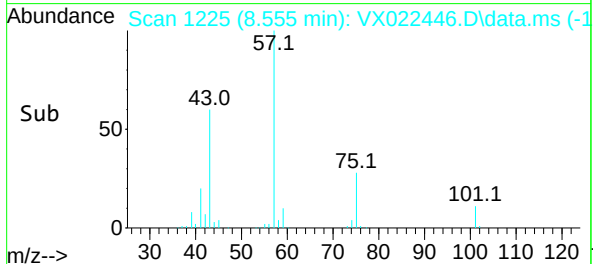
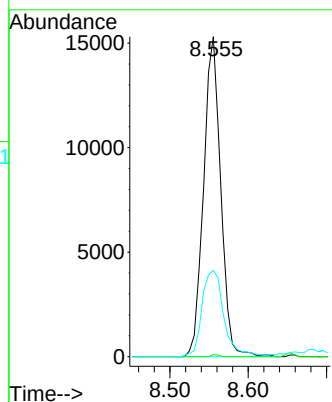
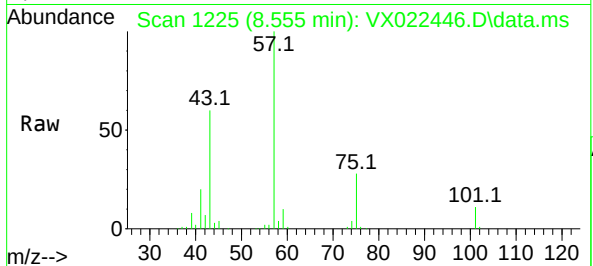




#54
 cis-1,3-Dichloropropene
 Concen: 14.106 ug/l
 RT: 8.555 min Scan# 1225
 Delta R.T. 0.182 min
 Lab File: VX022446.D
 Acq: 05 Jun 2021 04:47

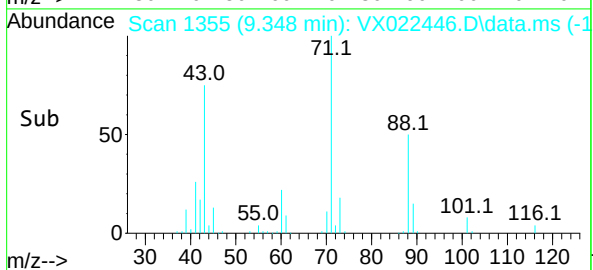
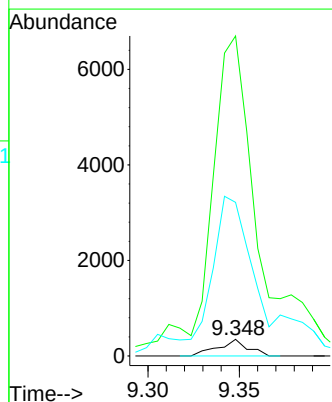
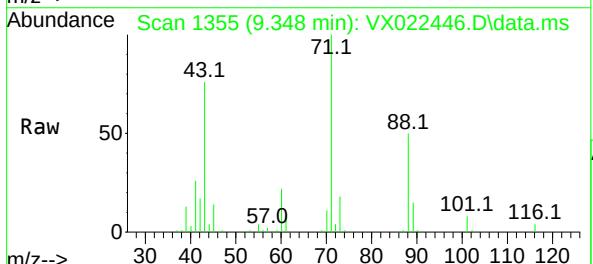
Instrument :
 MSVOA_X
 ClientSampled :

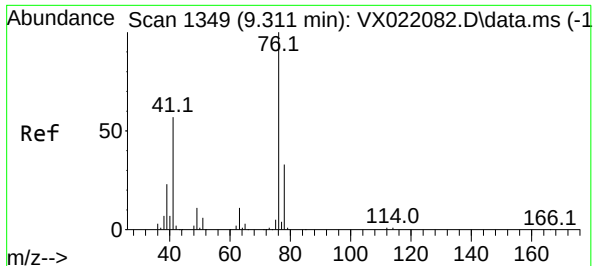
Tgt Ion: 75 Resp: 23280
 Ion Ratio Lower Upper
 75 100
 77 0.6 25.7 38.5#
 39 27.0 35.1 52.7#



#56
 Ethyl methacrylate
 Concen: 0.246 ug/l
 RT: 9.348 min Scan# 1355
 Delta R.T. 0.226 min
 Lab File: VX022446.D
 Acq: 05 Jun 2021 04:47

Tgt Ion: 69 Resp: 393
 Ion Ratio Lower Upper
 69 100
 41 2836.9 46.8 70.2#
 39 1569.2 24.7 37.1#



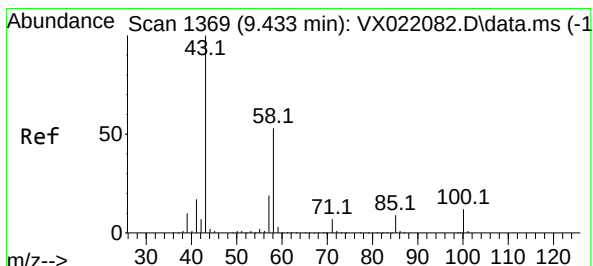
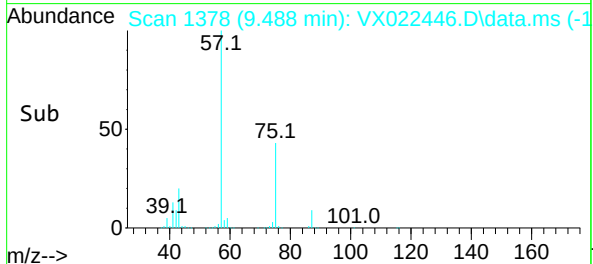
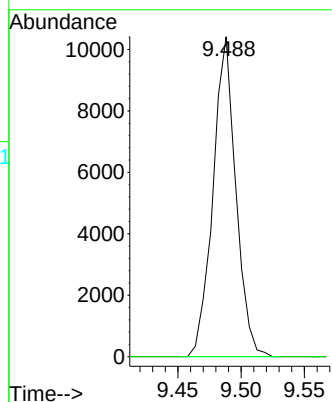
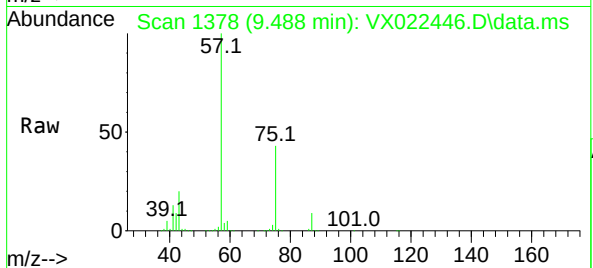


#57

1,3-Dichloropropane
Concen: 7.760 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX022446.D
Acq: 05 Jun 2021 04:47

Instrument :
MSVOA_X
ClientSampled :

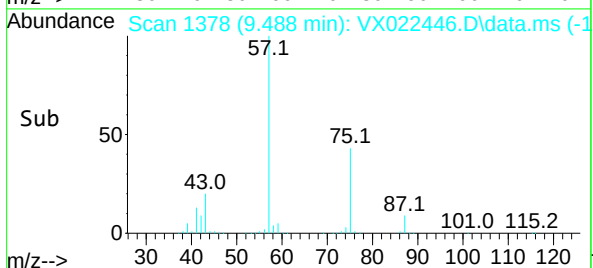
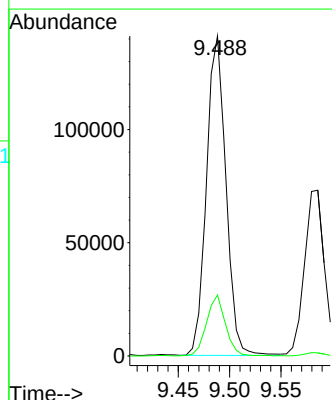
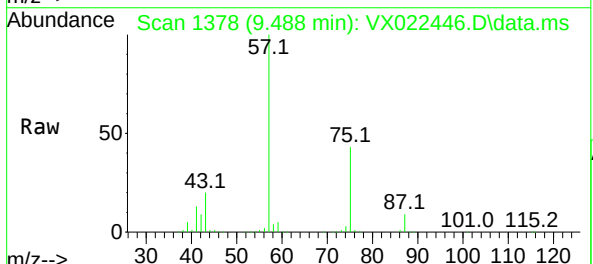
Tgt Ion: 76 Resp: 13079
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.2#

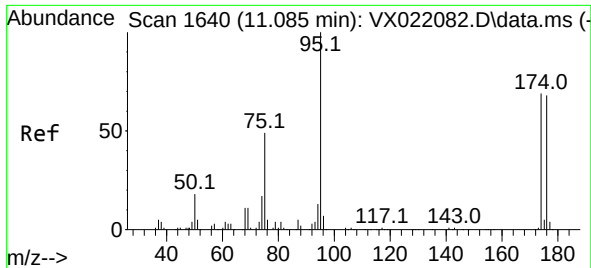


#59

2-Hexanone
Concen: 164.865 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX022446.D
Acq: 05 Jun 2021 04:47

Tgt Ion: 43 Resp: 185865
Ion Ratio Lower Upper
43 100
58 18.5 30.9 92.8#

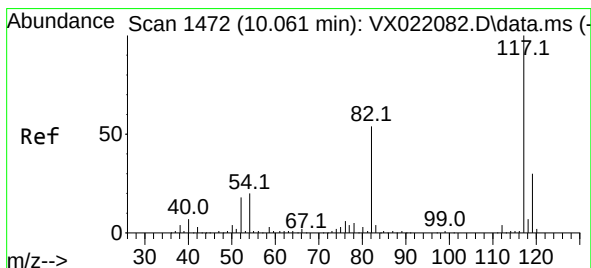
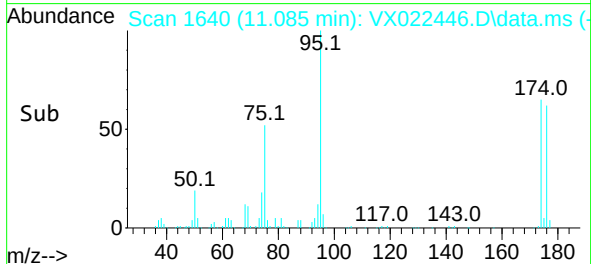
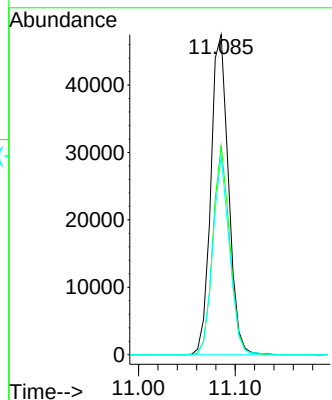
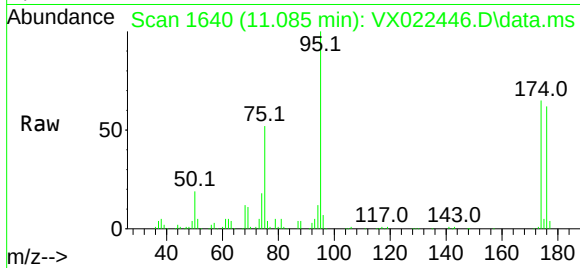




#62
4-Bromofluorobenzene
Concen: 49.505 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022446.D
Acq: 05 Jun 2021 04:47

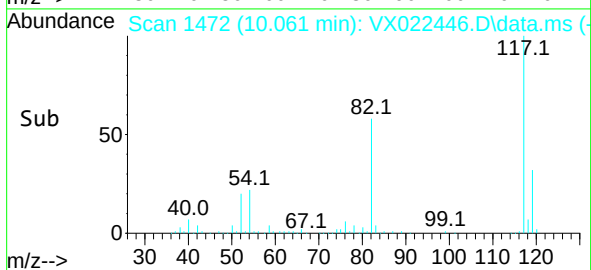
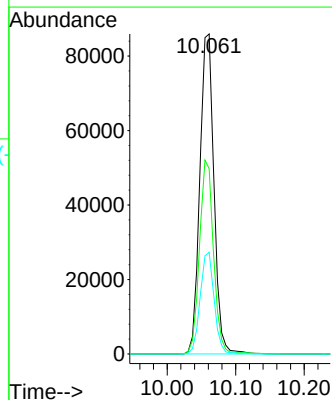
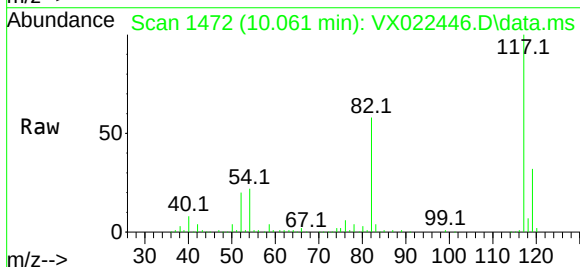
Instrument :
MSVOA_X
ClientSampled :

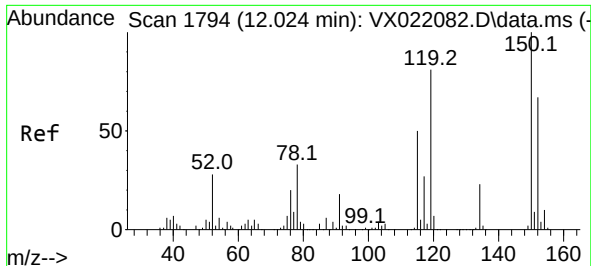
Tgt Ion: 95 Resp: 60328
Ion Ratio Lower Upper
95 100
174 62.0 0.0 154.6
176 58.9 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX022446.D
Acq: 05 Jun 2021 04:47

Tgt Ion: 117 Resp: 123507
Ion Ratio Lower Upper
117 100
82 57.9 47.4 71.2
119 31.8 26.6 39.8

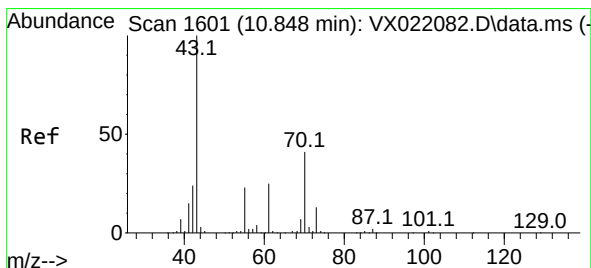
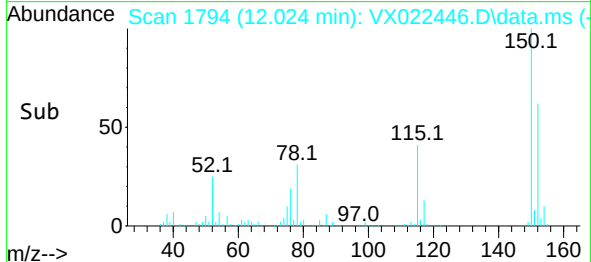
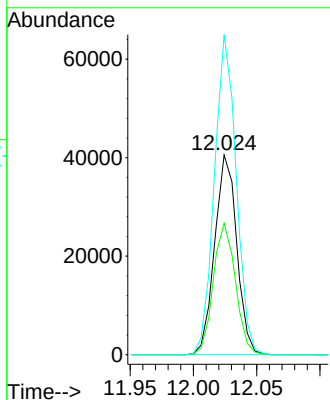
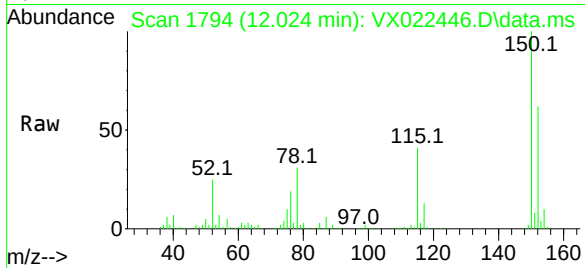




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX022446.D
 Acq: 05 Jun 2021 04:47

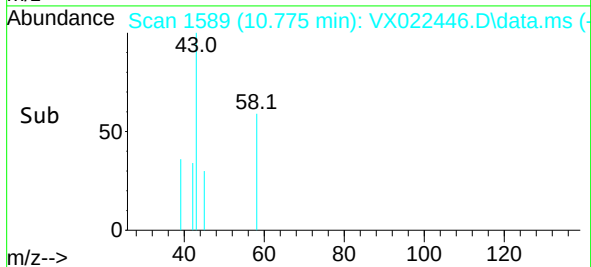
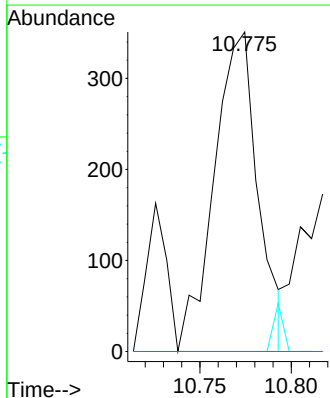
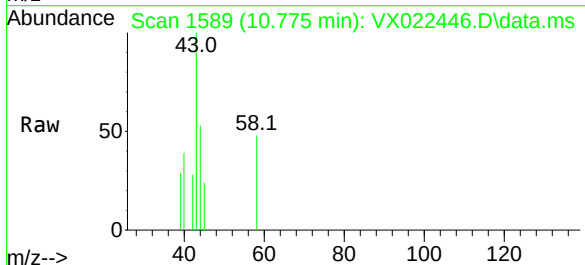
Instrument :
 MSVOA_X
 ClientSampled :

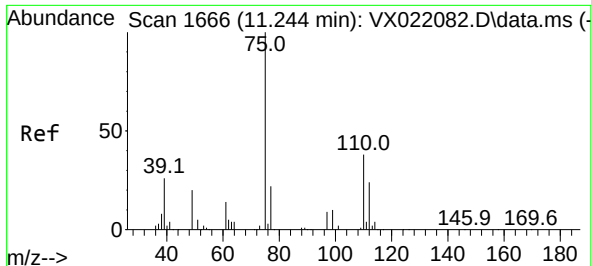
Tgt Ion:152 Resp: 49227
 Ion Ratio Lower Upper
 152 100
 115 65.7 41.1 123.3
 150 157.9 0.0 349.0



#74
 N-ethyl acetate
 Concen: 0.296 ug/l
 RT: 10.775 min Scan# 1589
 Delta R.T. -0.074 min
 Lab File: VX022446.D
 Acq: 05 Jun 2021 04:47

Tgt Ion: 43 Resp: 586
 Ion Ratio Lower Upper
 43 100
 70 0.0 39.0 58.6#
 55 3.2 21.5 32.3#
 61 0.0 22.1 33.1#

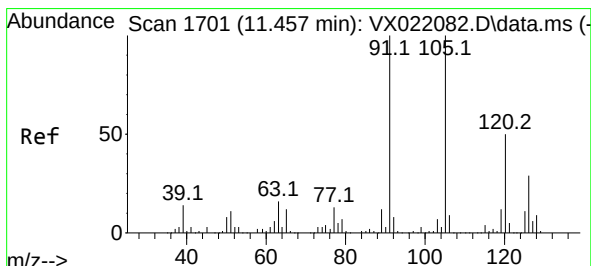
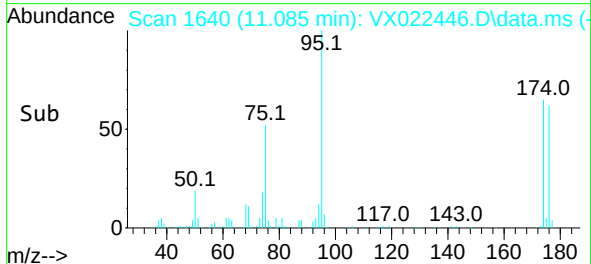
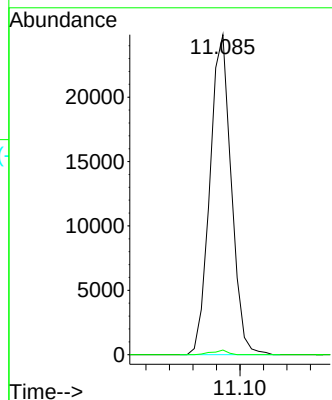
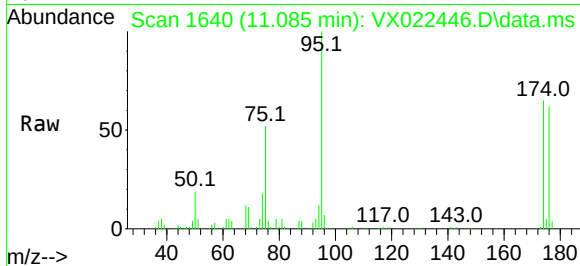




#76
1,2,3-Trichloropropane
Concen: 25.889 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022446.D
Acq: 05 Jun 2021 04:47

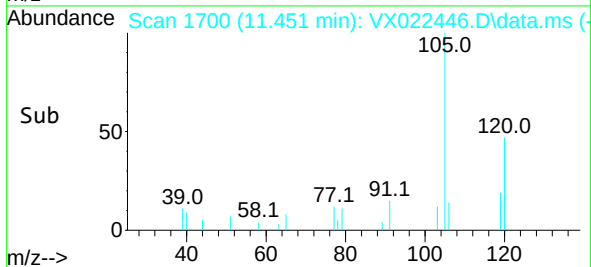
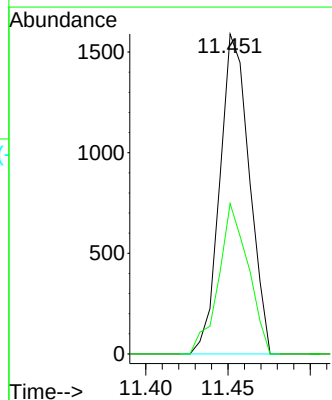
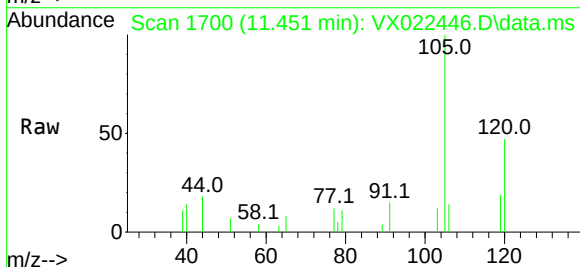
Instrument :
MSVOA_X
ClientSampled :

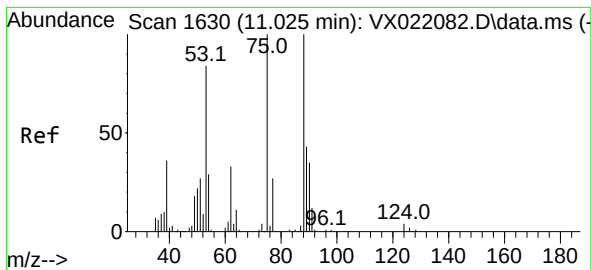
Tgt Ion: 75 Resp: 31441
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#80
1,3,5-Trimethylbenzene
Concen: 0.573 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX022446.D
Acq: 05 Jun 2021 04:47

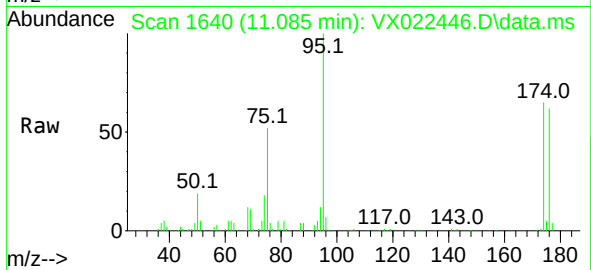
Tgt Ion: 105 Resp: 1978
Ion Ratio Lower Upper
105 100
120 47.3 23.8 71.5





#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.341 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.060 min
 Lab File: VX022446.D
 Acq: 05 Jun 2021 04:47

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 31441
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

