

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081321\
 Data File : VX023696.D
 Acq On : 13 Aug 2021 17:24
 Operator : JC/MD
 Sample : PB138358ZHE#13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 14 05:28:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:05:38 2021
 Response via : Initial Calibration

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

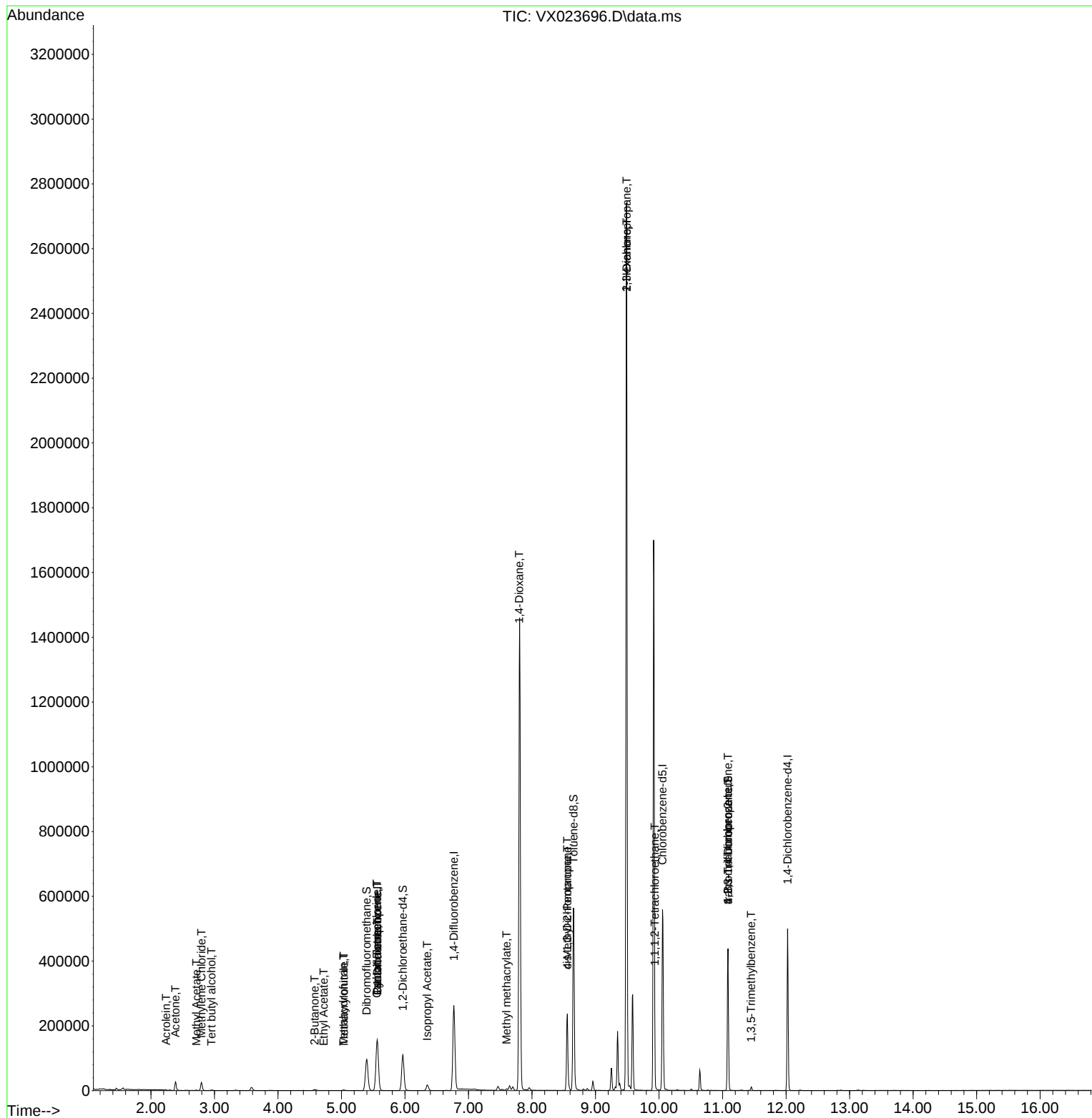
Internal Standards						
1) Pentafluorobenzene	5.562	168	146674	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	256316	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	244856	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96780	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	105357	57.584	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 115.160%	
35) Dibromofluoromethane	5.397	113	82898	51.727	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.460%	
50) Toluene-d8	8.653	98	320100	54.365	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 108.720%	
62) 4-Bromofluorobenzene	11.085	95	108714	54.298	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 108.600%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	1645	3.936	ug/l #	77
13) Acrolein	2.239	56	43	1.565	ug/l #	1
16) Acetone	2.386	43	28722	32.002	ug/l #	87
18) Methyl Acetate	2.715	43	1803	0.845	ug/l #	79
20) Methylene Chloride	2.794	84	10793	6.182	ug/l #	85
25) 2-Butanone	4.574	43	4344	3.118	ug/l #	85
29) Tetrahydrofuran	5.032	42	1805	1.976	ug/l #	68
31) Cyclohexane	5.562	56	3416	1.260	ug/l #	18
36) 1,1-Dichloropropene	5.562	75	12104	5.220	ug/l #	49
37) Ethyl Acetate	4.721	43	629	0.215	ug/l #	68
38) Carbon Tetrachloride	5.556	117	15711	6.663	ug/l #	16
41) Methacrylonitrile	5.038	41	1036	0.671	ug/l #	38
43) Isopropyl Acetate	6.348	43	22873	5.049	ug/l #	93
48) Methyl methacrylate	7.598	41	6454	3.076	ug/l #	10
49) 1,4-Dioxane	7.799	88	242	5.417	ug/l #	1
51) 4-Methyl-2-Pentanone	8.555	43	82891	29.916	ug/l #	44
54) cis-1,3-Dichloropropene	8.555	75	35250	12.719	ug/l #	67
57) 1,3-Dichloropropane	9.488	76	22353	7.627	ug/l #	42
59) 2-Hexanone	9.488	43	329525	156.612	ug/l #	43
66) 1,1,1,2-Tetrachloroethane	9.933	131	22	0.986	ug/l #	8
76) 1,2,3-Trichloropropane	11.085	75	57148	26.834	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.451	105	4737	0.797	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.085	75	57148	72.152	ug/l #	12

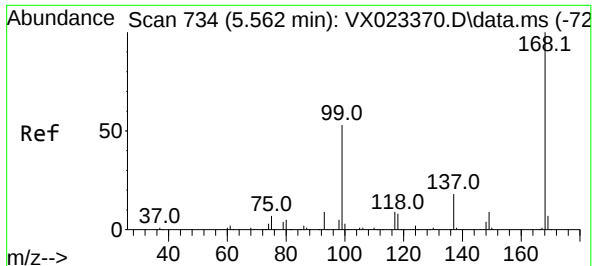
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081321\
Data File : VX023696.D
Acq On : 13 Aug 2021 17:24
Operator : JC/MD
Sample : PB138358ZHE#13
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Aug 14 05:28:14 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 23 06:05:38 2021
Response via : Initial Calibration

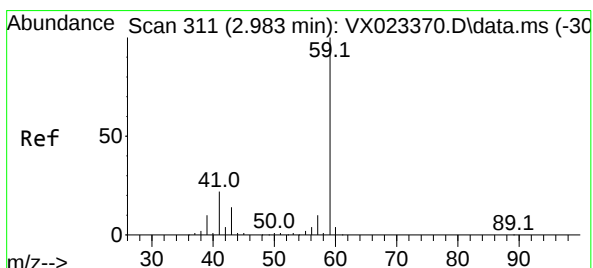
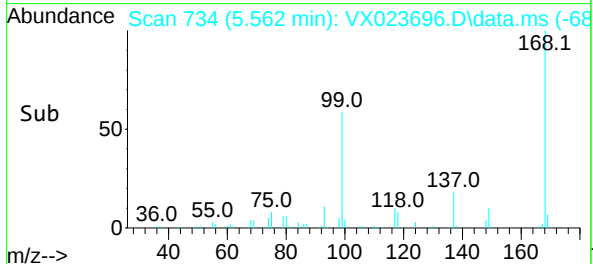
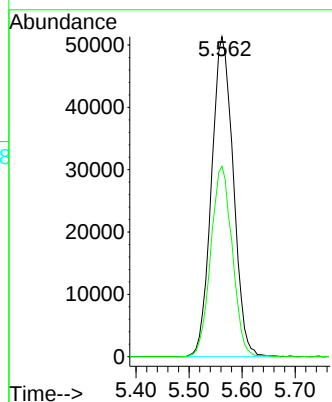
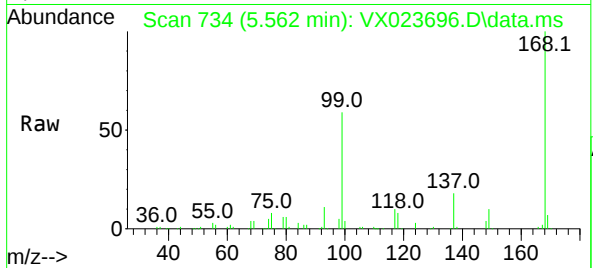




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023696.D
Acq: 13 Aug 2021 17:24

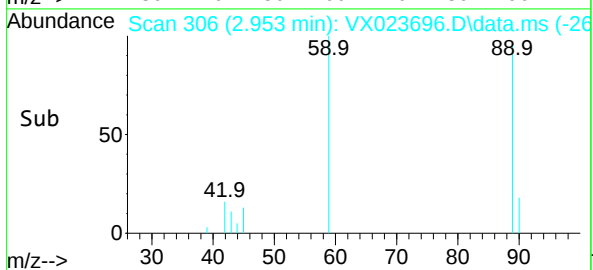
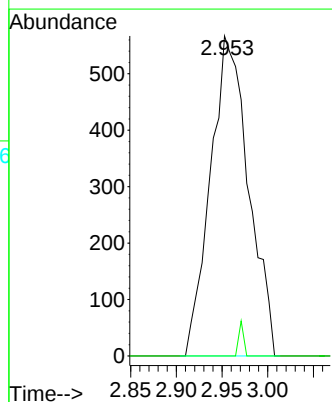
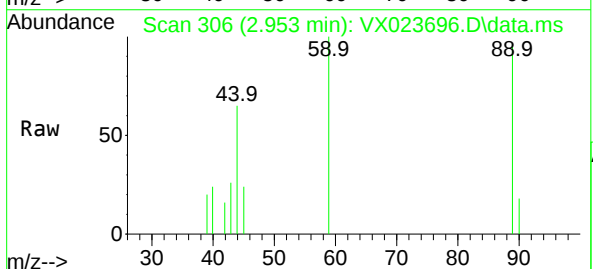
Instrument :
MSVOA_X
ClientSampled :

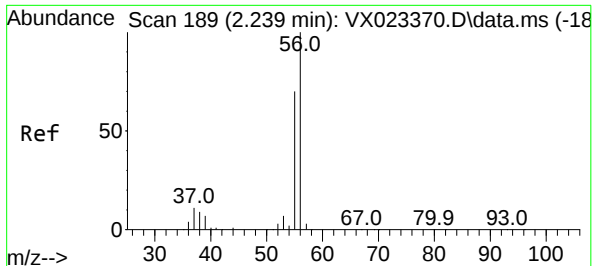
Tgt Ion:168 Resp: 146674
Ion Ratio Lower Upper
168 100
99 59.5 45.8 68.6



#11
Tert butyl alcohol
Concen: 3.936 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX023696.D
Acq: 13 Aug 2021 17:24

Tgt Ion: 59 Resp: 1645
Ion Ratio Lower Upper
59 100
57 1.4 7.8 11.8#

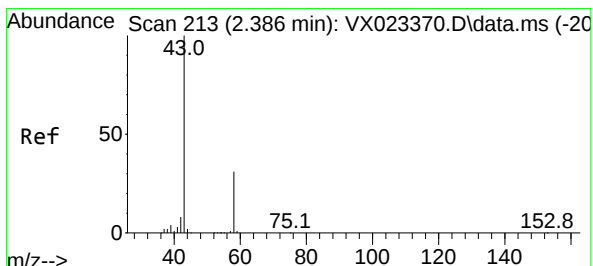
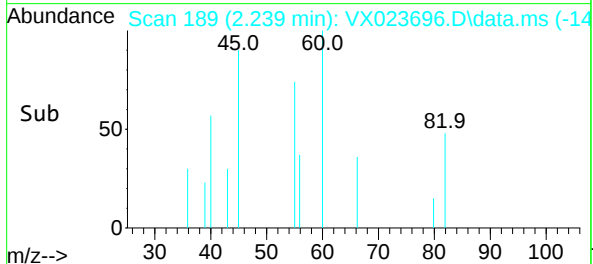
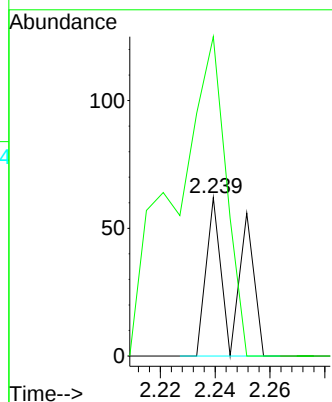
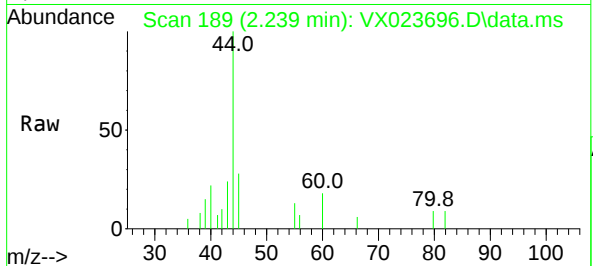




#13
Acrolein
Concen: 1.565 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX023696.D
Acq: 13 Aug 2021 17:24

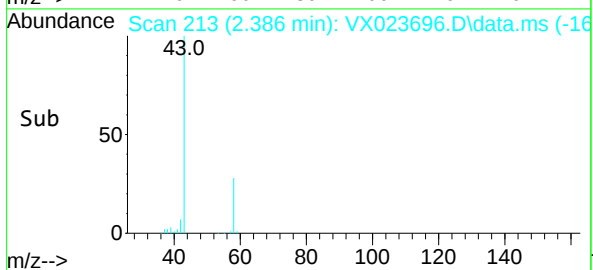
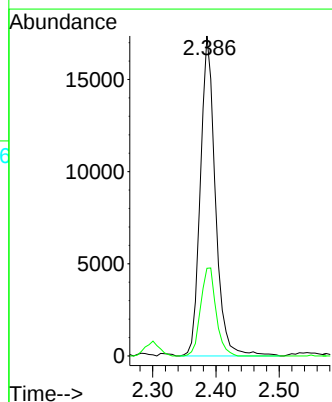
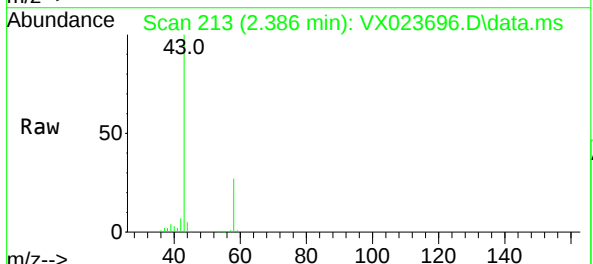
Instrument :
MSVOA_X
ClientSampled :

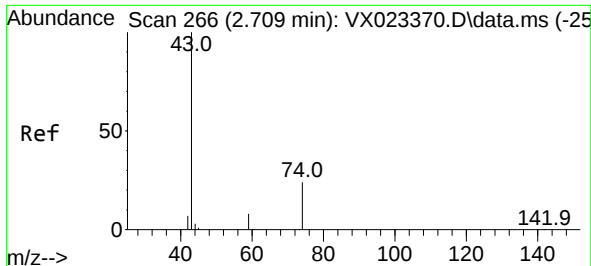
Tgt Ion: 56 Resp: 43
Ion Ratio Lower Upper
56 100
55 383.7 56.4 84.6#



#16
Acetone
Concen: 32.002 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX023696.D
Acq: 13 Aug 2021 17:24

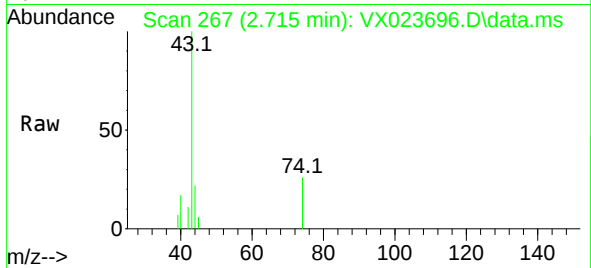
Tgt Ion: 43 Resp: 28722
Ion Ratio Lower Upper
43 100
58 27.4 27.8 41.8#



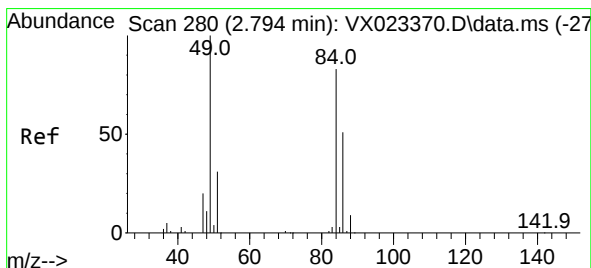
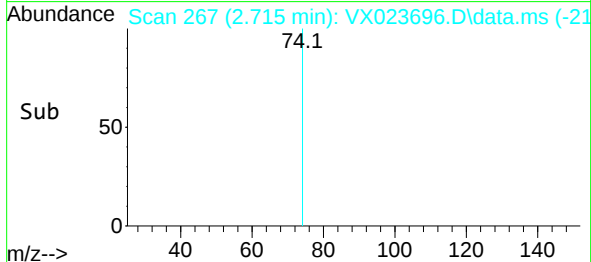
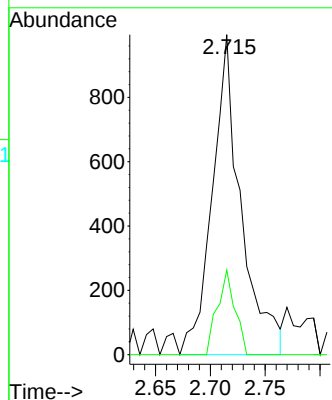


#18
Methyl Acetate
Concen: 0.845 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX023696.D
Acq: 13 Aug 2021 17:24

Instrument :
MSVOA_X
ClientSampled :

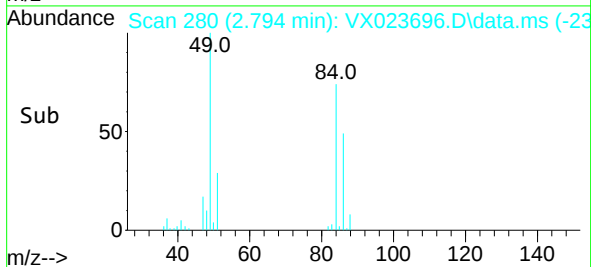
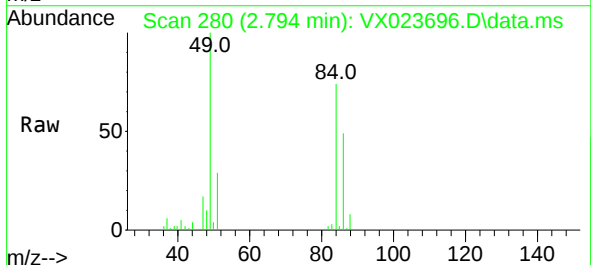
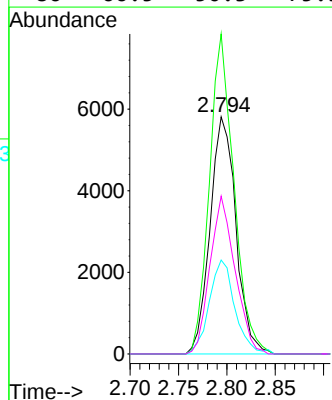


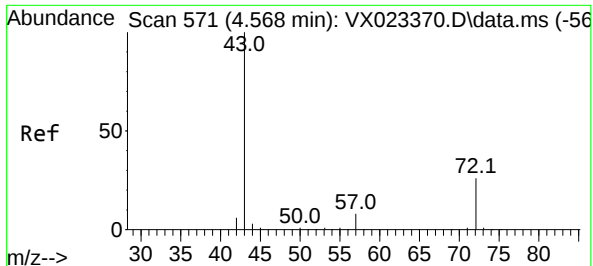
Tgt Ion: 43 Resp: 1803
Ion Ratio Lower Upper
43 100
74 16.3 21.9 32.9#



#20
Methylene Chloride
Concen: 6.182 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023696.D
Acq: 13 Aug 2021 17:24

Tgt Ion: 84 Resp: 10793
Ion Ratio Lower Upper
84 100
49 135.0 88.6 132.8#
51 39.6 27.0 40.6
86 66.5 50.3 75.5

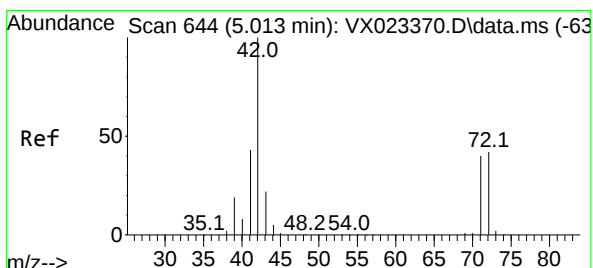
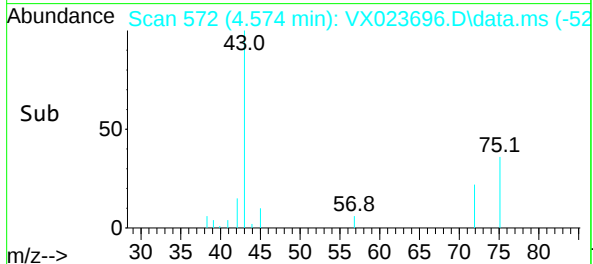
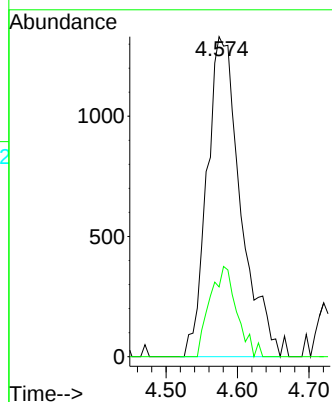
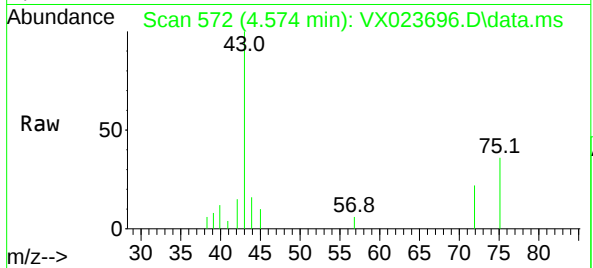




#25
2-Butanone
Concen: 3.118 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX023696.D
Acq: 13 Aug 2021 17:24

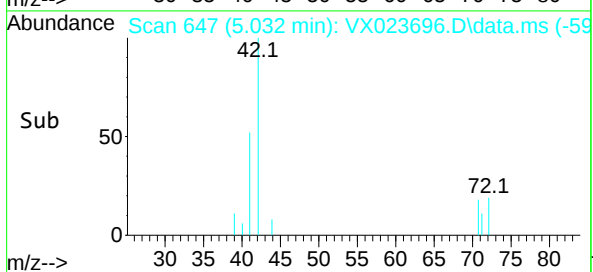
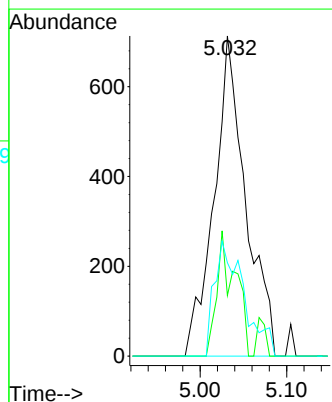
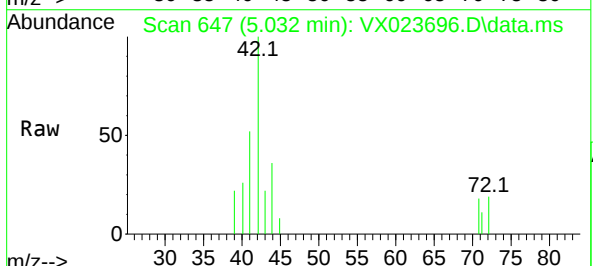
Instrument :
MSVOA_X
ClientSampled :

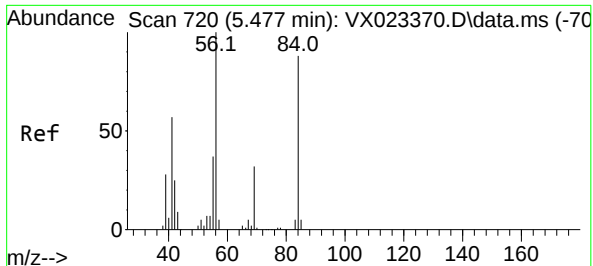
Tgt Ion: 43 Resp: 4344
Ion Ratio Lower Upper
43 100
72 21.8 23.7 35.5#



#29
Tetrahydrofuran
Concen: 1.976 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.019 min
Lab File: VX023696.D
Acq: 13 Aug 2021 17:24

Tgt Ion: 42 Resp: 1805
Ion Ratio Lower Upper
42 100
72 22.9 41.7 62.5#
71 33.6 38.4 57.6#

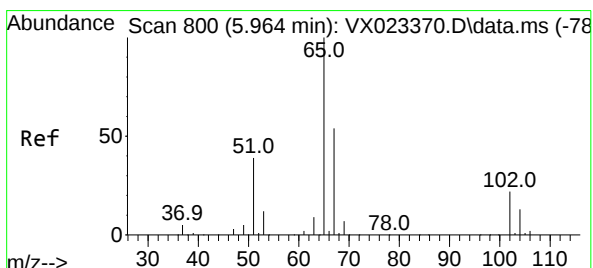
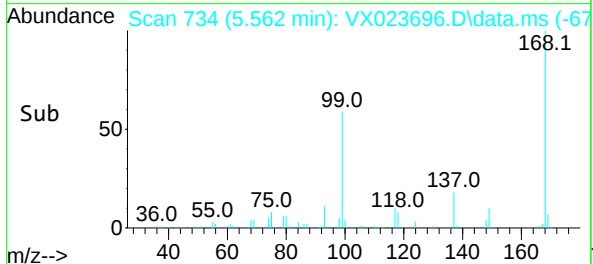
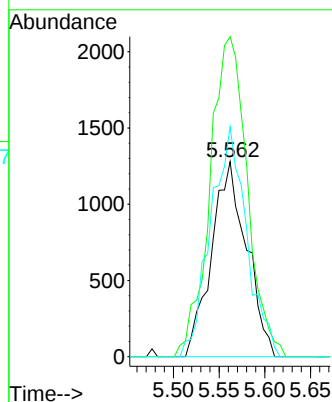
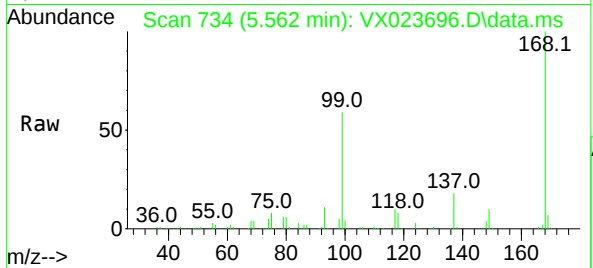




#31
Cyclohexane
Concen: 1.260 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX023696.D
Acq: 13 Aug 2021 17:24

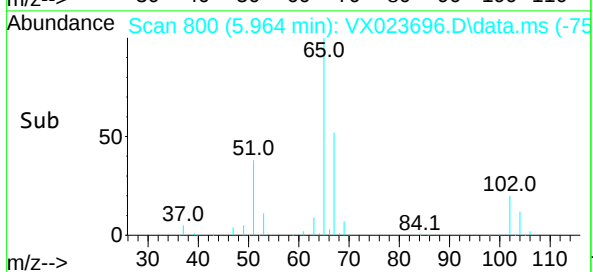
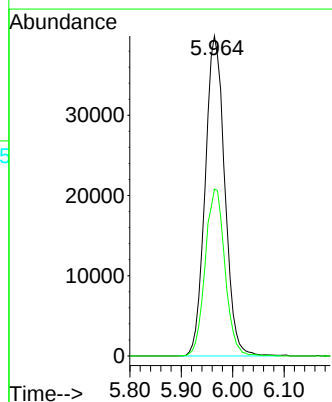
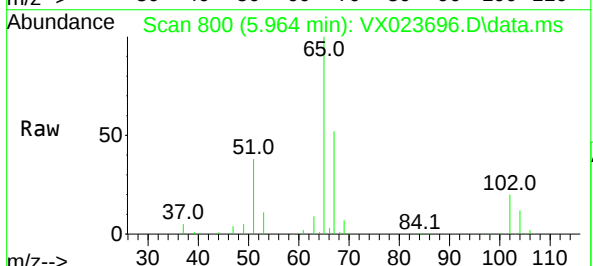
Instrument :
MSVOA_X
ClientSampleId :

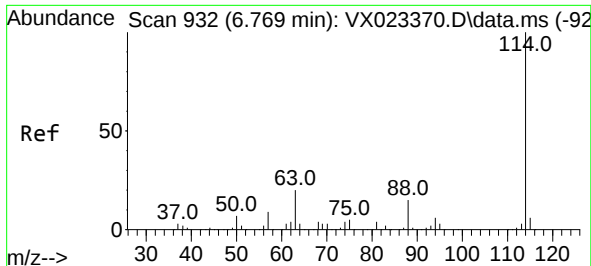
Tgt Ion: 56 Resp: 3416
Ion Ratio Lower Upper
56 100
69 158.4 25.3 37.9#
84 117.9 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 57.584 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023696.D
Acq: 13 Aug 2021 17:24

Tgt Ion: 65 Resp: 105357
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.4

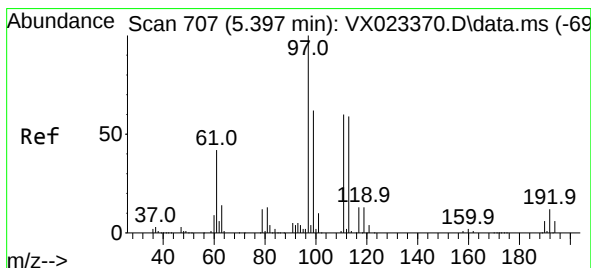
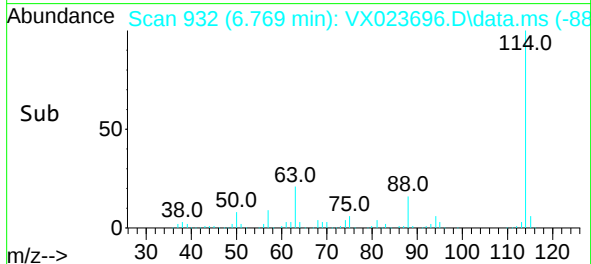
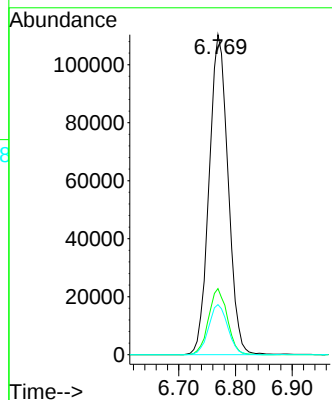
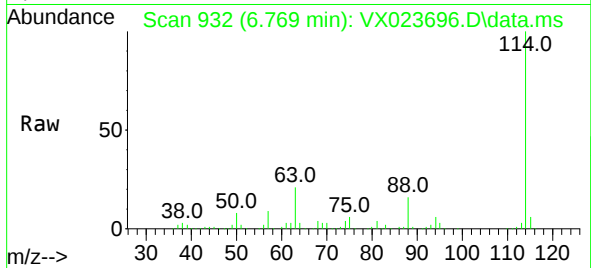




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023696.D
Acq: 13 Aug 2021 17:24

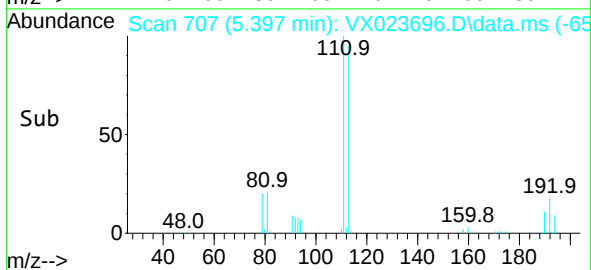
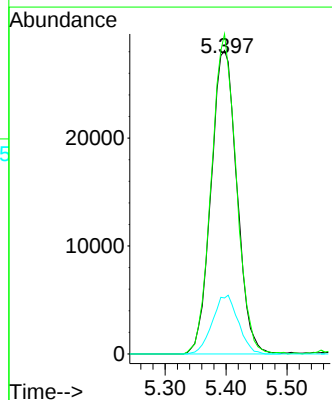
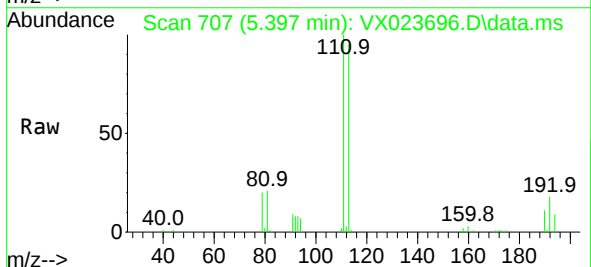
Instrument :
MSVOA_X
ClientSampled :

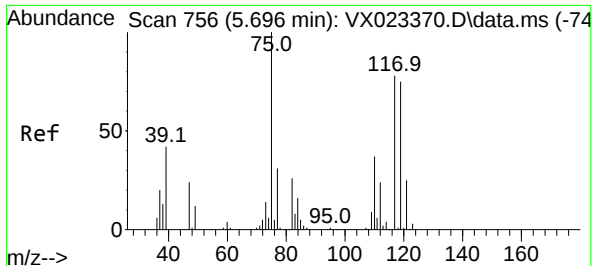
Tgt Ion:114 Resp: 256316
Ion Ratio Lower Upper
114 100
63 20.6 0.0 40.8
88 15.7 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.727 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023696.D
Acq: 13 Aug 2021 17:24

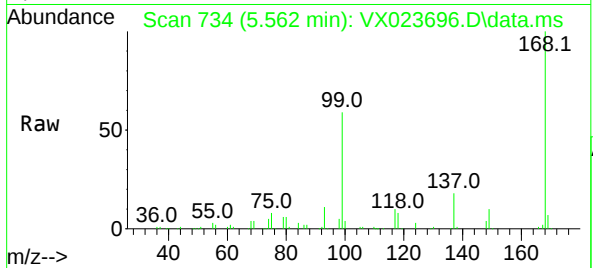
Tgt Ion:113 Resp: 82898
Ion Ratio Lower Upper
113 100
111 101.6 81.9 122.9
192 19.3 16.7 25.1



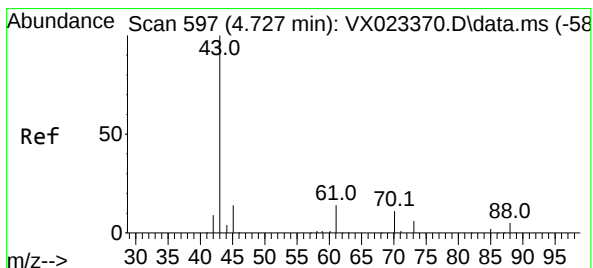
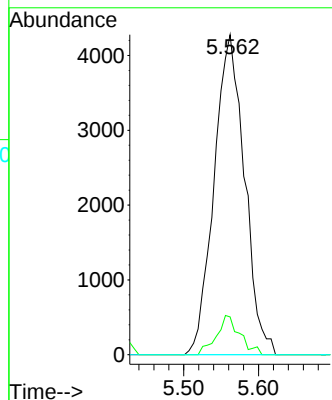
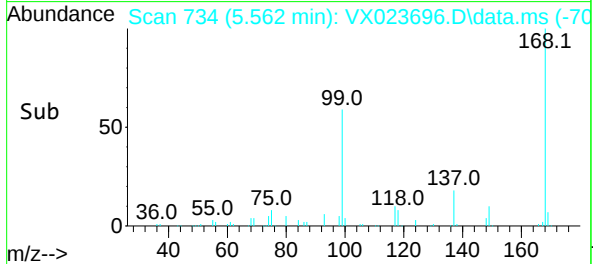


#36
1,1-Dichloropropene
Concen: 5.220 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.134 min
Lab File: VX023696.D
Acq: 13 Aug 2021 17:24

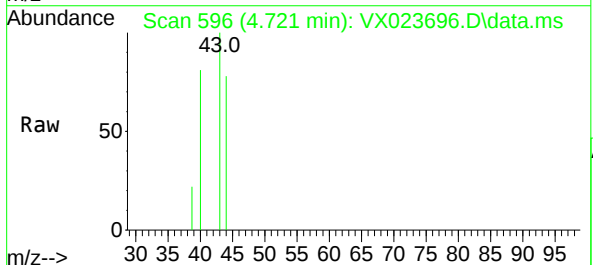
Instrument :
MSVOA_X
ClientSampled :



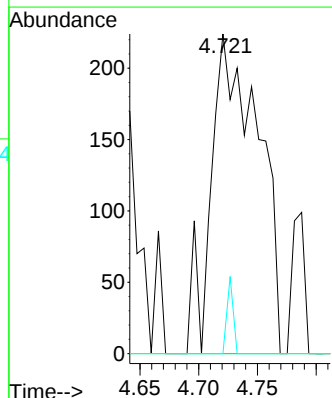
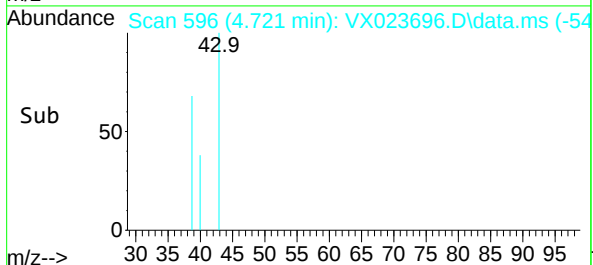
Tgt Ion: 75 Resp: 12104
Ion Ratio Lower Upper
75 100
110 9.4 18.1 54.4#
77 0.0 25.3 37.9#

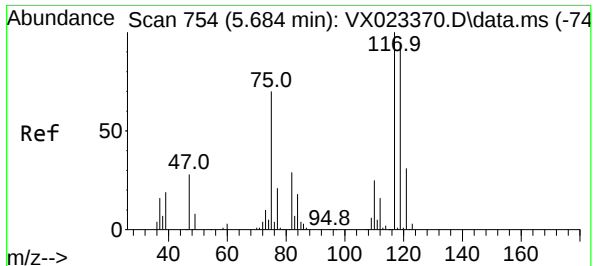


#37
Ethyl Acetate
Concen: 0.215 ug/l
RT: 4.721 min Scan# 596
Delta R.T. -0.006 min
Lab File: VX023696.D
Acq: 13 Aug 2021 17:24



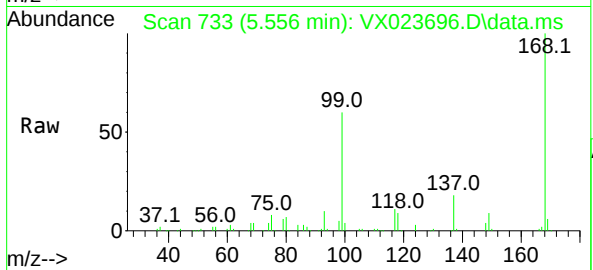
Tgt Ion: 43 Resp: 629
Ion Ratio Lower Upper
43 100
61 0.0 12.8 19.2#
70 3.2 10.5 15.7#



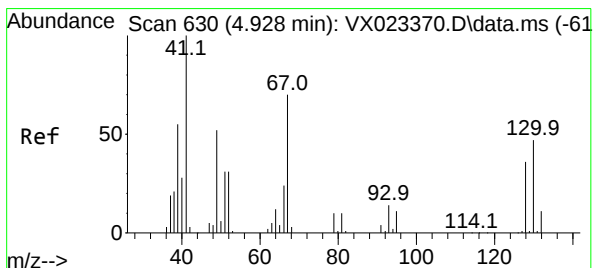
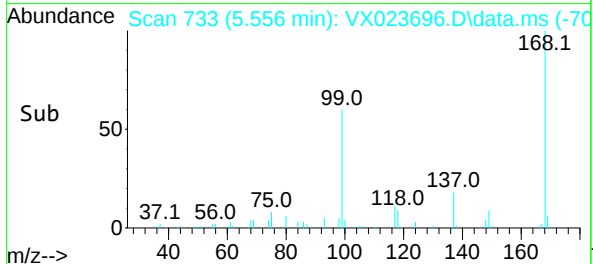
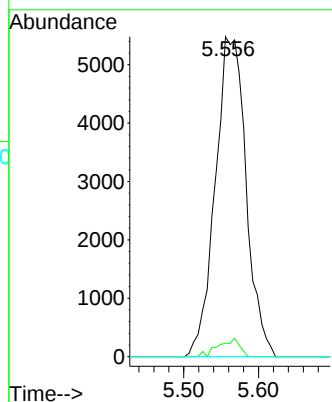


#38
Carbon Tetrachloride
Concen: 6.663 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX023696.D
Acq: 13 Aug 2021 17:24

Instrument :
MSVOA_X
ClientSampled :

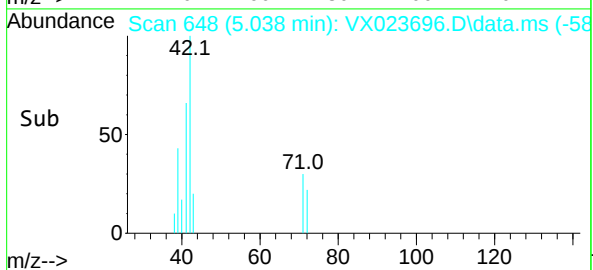
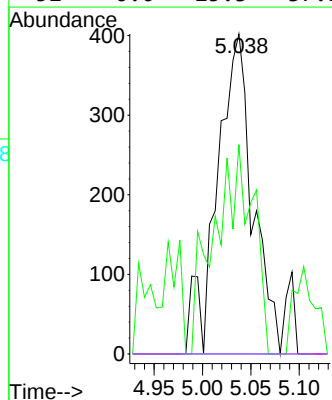
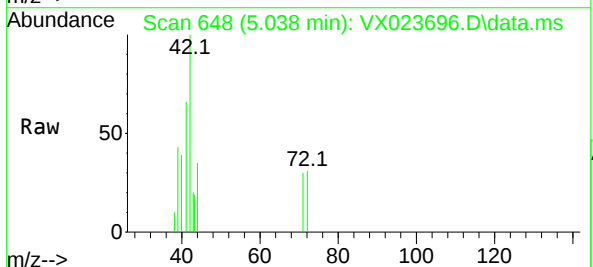


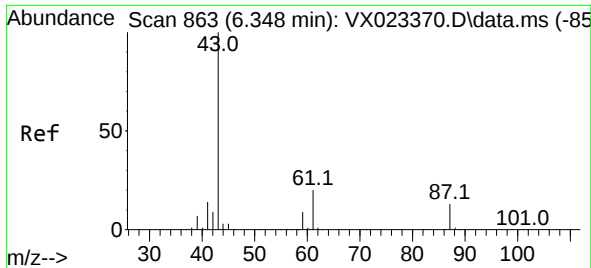
Tgt Ion: 117 Resp: 15711
Ion Ratio Lower Upper
117 100
119 4.2 76.2 114.2#
121 0.0 24.8 37.2#



#41
Methacrylonitrile
Concen: 0.671 ug/l
RT: 5.038 min Scan# 648
Delta R.T. 0.110 min
Lab File: VX023696.D
Acq: 13 Aug 2021 17:24

Tgt Ion: 41 Resp: 1036
Ion Ratio Lower Upper
41 100
39 38.9 42.5 63.7#
67 0.0 65.0 97.6#
52 0.0 25.3 37.9#

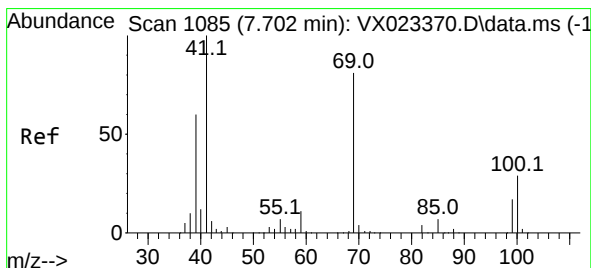
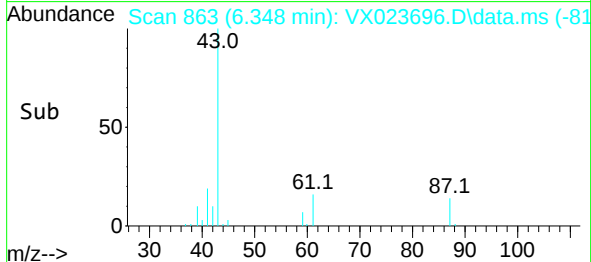
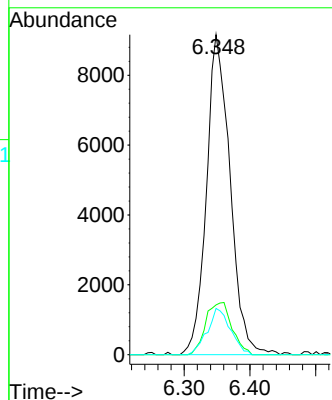
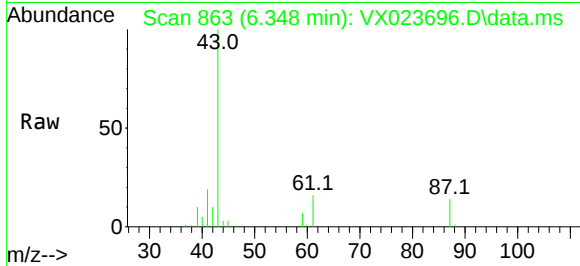




#43
Isopropyl Acetate
Concen: 5.049 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX023696.D
Acq: 13 Aug 2021 17:24

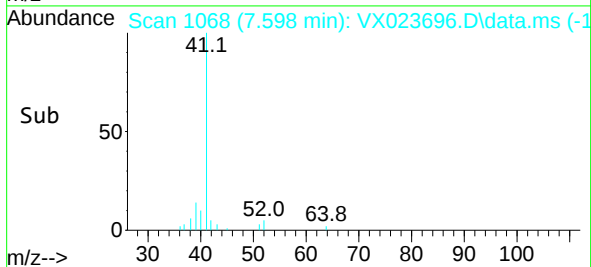
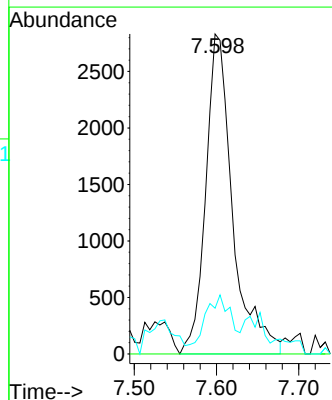
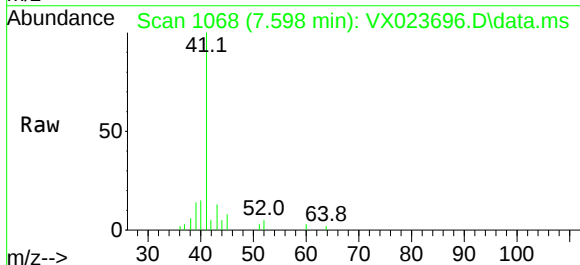
Instrument :
MSVOA_X
ClientSampled :

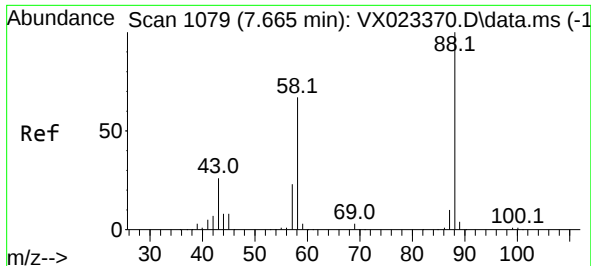
Tgt Ion: 43 Resp: 22873
Ion Ratio Lower Upper
43 100
61 18.1 18.2 27.4#
87 14.2 12.5 18.7



#48
Methyl methacrylate
Concen: 3.076 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.104 min
Lab File: VX023696.D
Acq: 13 Aug 2021 17:24

Tgt Ion: 41 Resp: 6454
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: 5.417 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.134 min

Lab File: VX023696.D

Acq: 13 Aug 2021 17:24

Tgt Ion: 88 Resp: 242

Ion Ratio Lower Upper

88 100

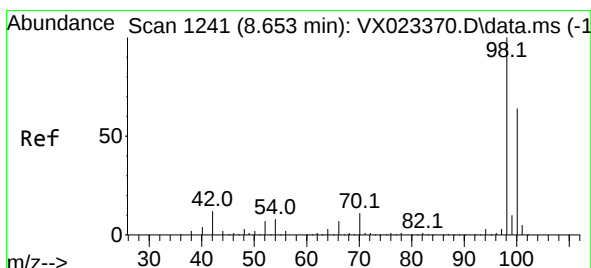
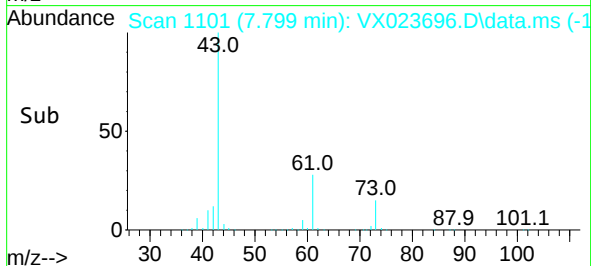
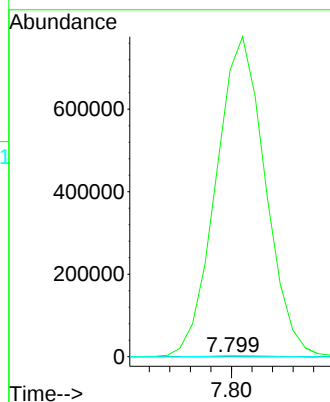
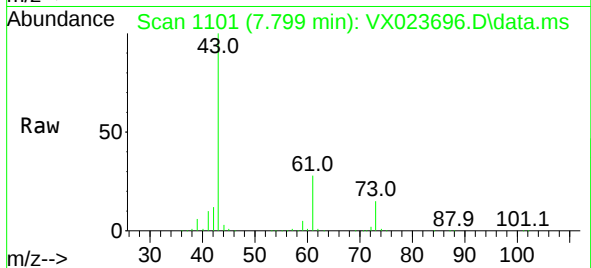
43 538075.6 23.2 34.8#

58 2299.6 55.0 82.4#

Instrument :

MSVOA_X

ClientSampled :



#50

Toluene-d8

Concen: 54.365 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX023696.D

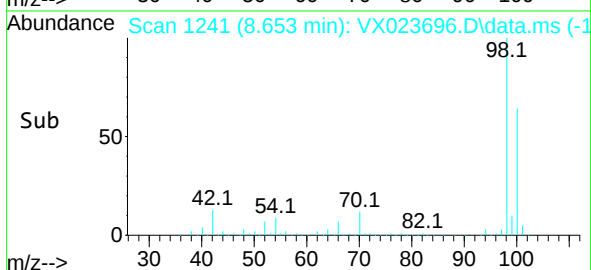
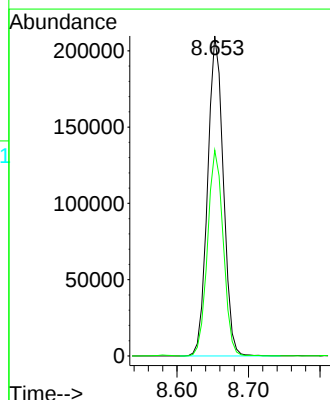
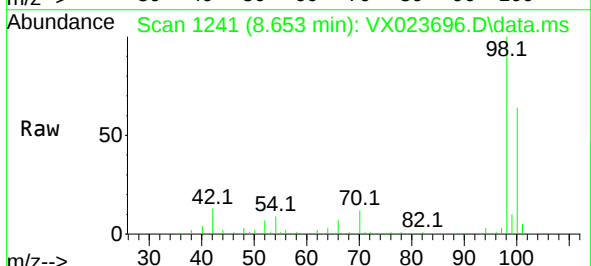
Acq: 13 Aug 2021 17:24

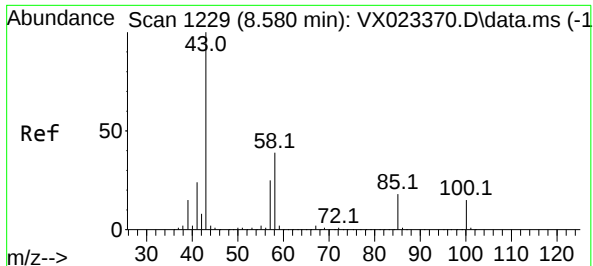
Tgt Ion: 98 Resp: 320100

Ion Ratio Lower Upper

98 100

100 64.5 51.9 77.9

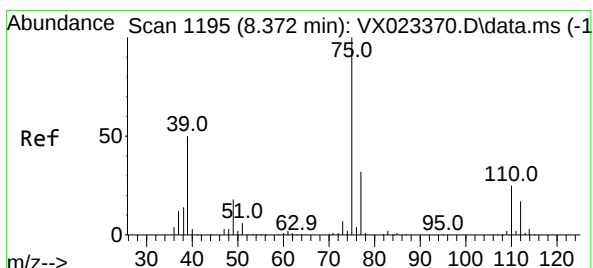
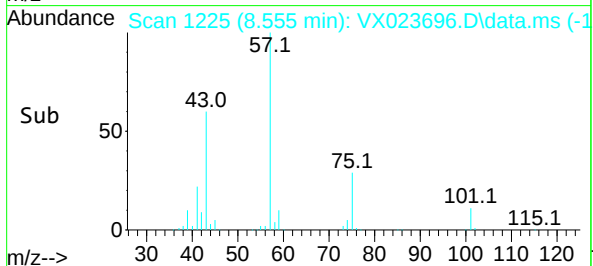
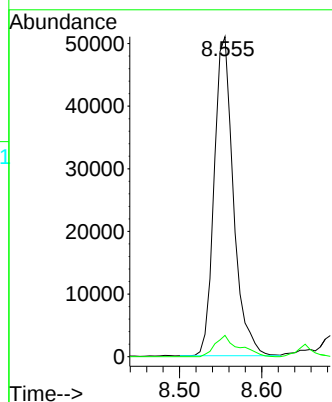
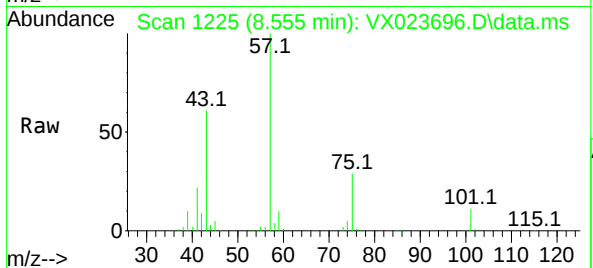




#51
4-Methyl-2-Pentanone
Concen: 29.916 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX023696.D
Acq: 13 Aug 2021 17:24

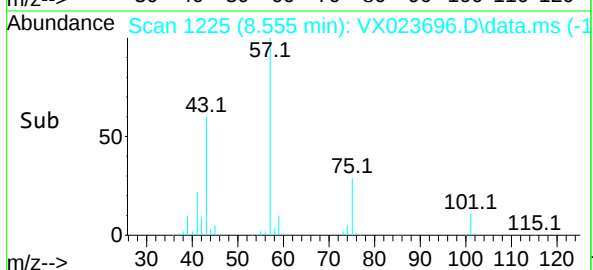
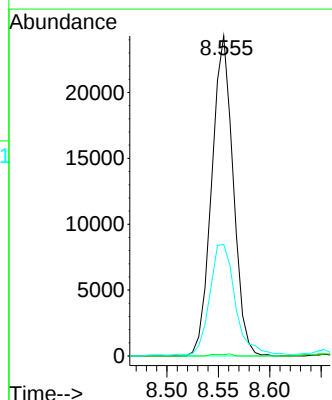
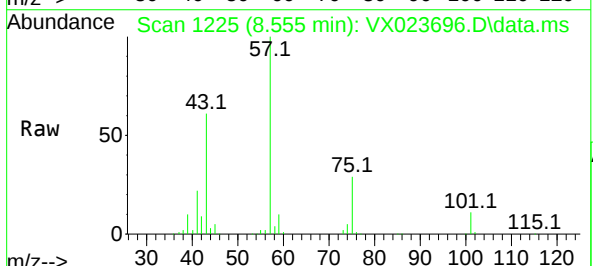
Instrument :
MSVOA_X
ClientSampled :

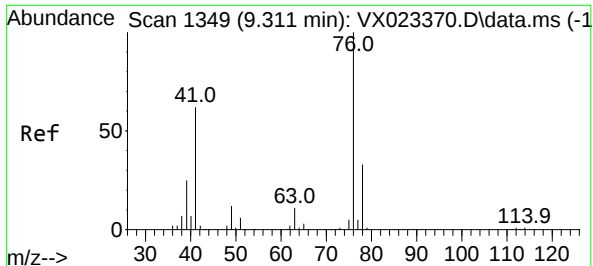
Tgt Ion: 43 Resp: 82891
Ion Ratio Lower Upper
43 100
58 8.2 35.4 53.0#



#54
cis-1,3-Dichloropropene
Concen: 12.719 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.183 min
Lab File: VX023696.D
Acq: 13 Aug 2021 17:24

Tgt Ion: 75 Resp: 35250
Ion Ratio Lower Upper
75 100
77 0.4 25.7 38.5#
39 34.3 35.1 52.7#



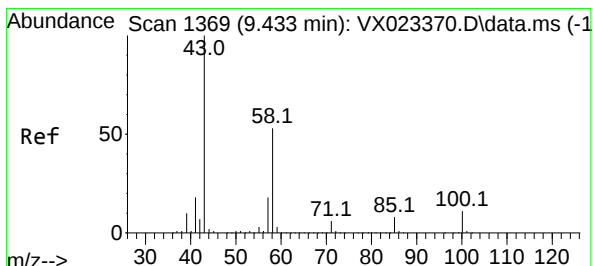
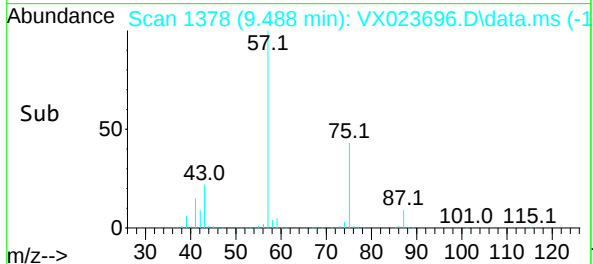
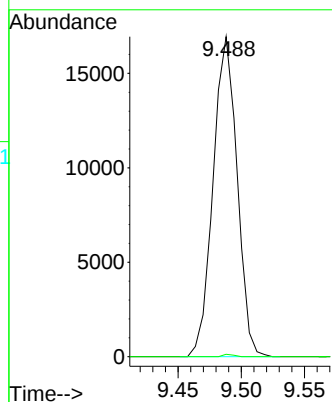
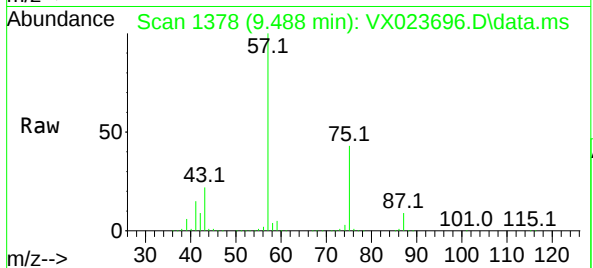


#57

1,3-Dichloropropane
Concen: 7.627 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX023696.D
Acq: 13 Aug 2021 17:24

Instrument :
MSVOA_X
ClientSampled :

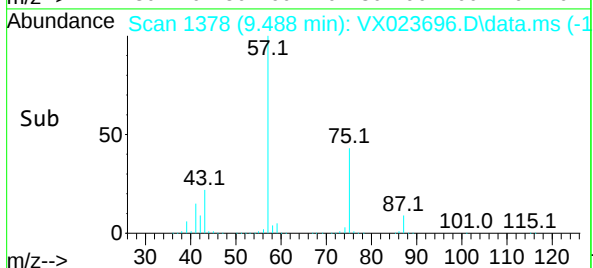
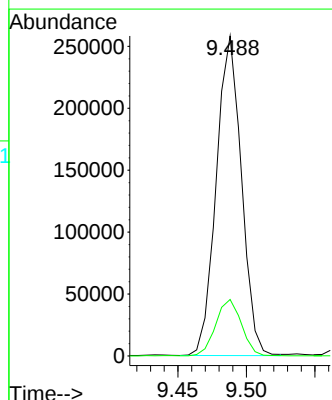
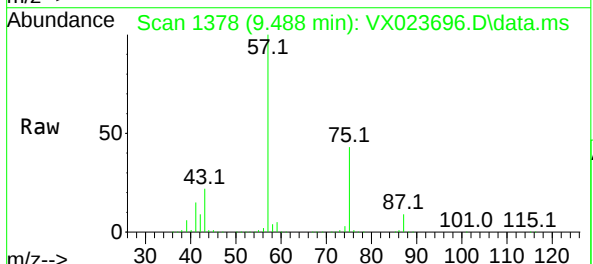
Tgt Ion: 76 Resp: 22353
Ion Ratio Lower Upper
76 100
78 0.3 26.2 39.2#

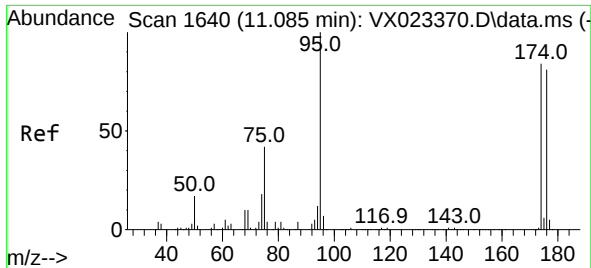


#59

2-Hexanone
Concen: 156.612 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX023696.D
Acq: 13 Aug 2021 17:24

Tgt Ion: 43 Resp: 329525
Ion Ratio Lower Upper
43 100
58 18.0 30.9 92.8#

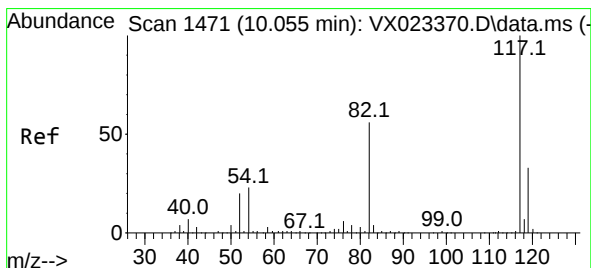
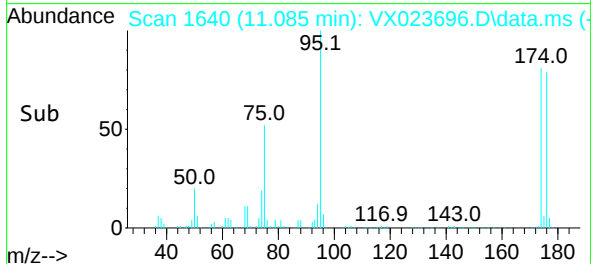
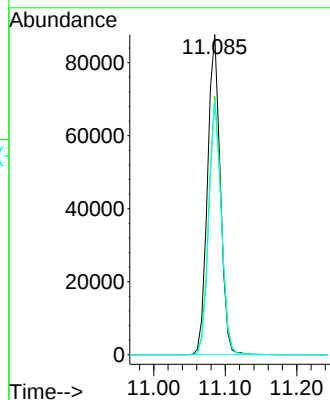
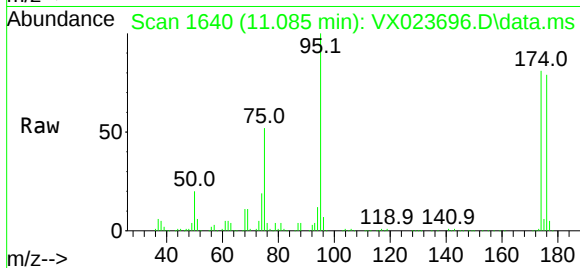




#62
4-Bromofluorobenzene
Concen: 54.298 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023696.D
Acq: 13 Aug 2021 17:24

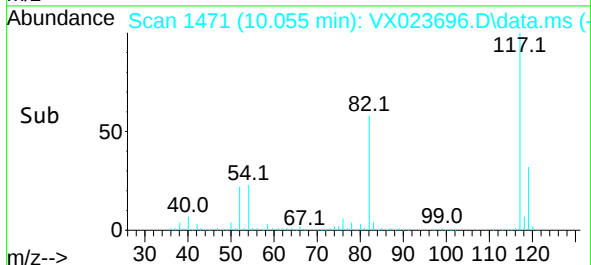
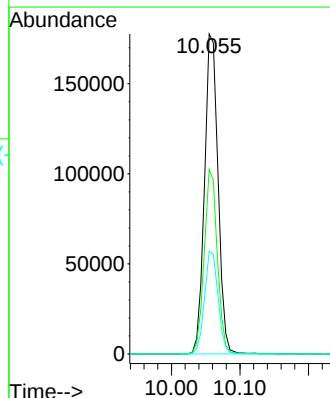
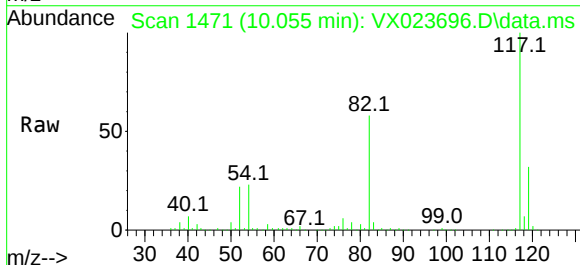
Instrument :
MSVOA_X
ClientSampled :

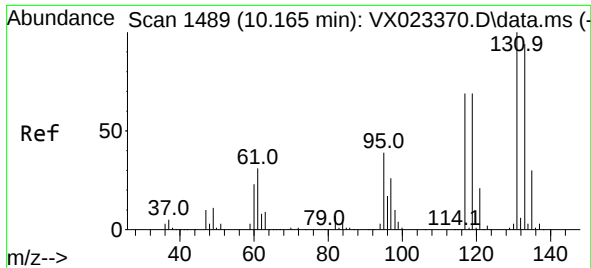
Tgt Ion: 95 Resp: 108714
Ion Ratio Lower Upper
95 100
174 80.7 0.0 154.6
176 77.1 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX023696.D
Acq: 13 Aug 2021 17:24

Tgt Ion: 117 Resp: 244856
Ion Ratio Lower Upper
117 100
82 57.6 47.4 71.2
119 32.1 26.6 39.8

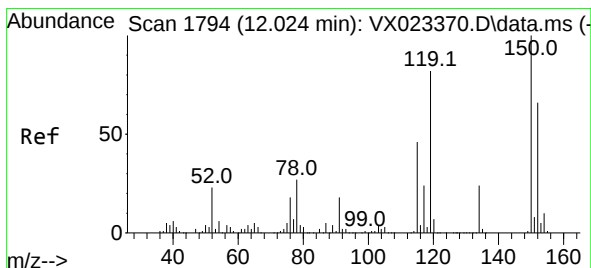
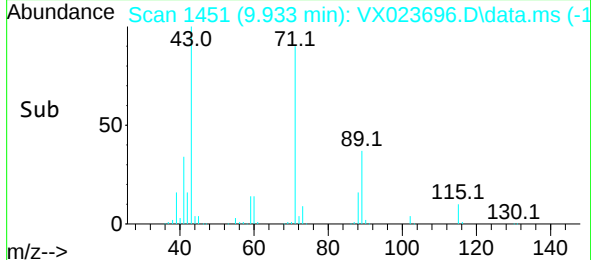
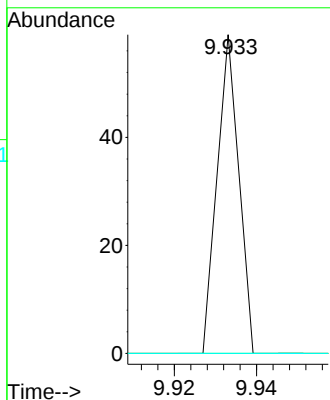
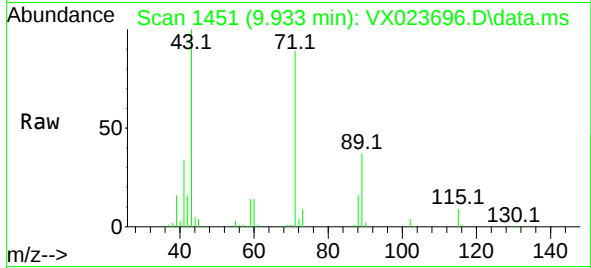




#66
 1,1,1,2-Tetrachloroethane
 Concen: 0.986 ug/l
 RT: 9.933 min Scan# 1451
 Delta R.T. -0.232 min
 Lab File: VX023696.D
 Acq: 13 Aug 2021 17:24

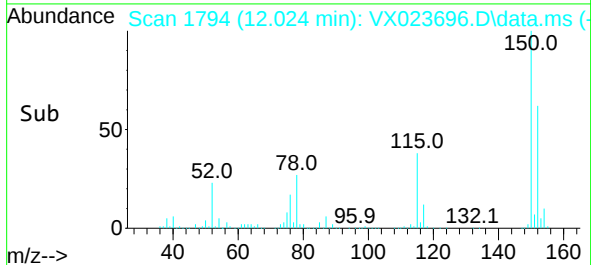
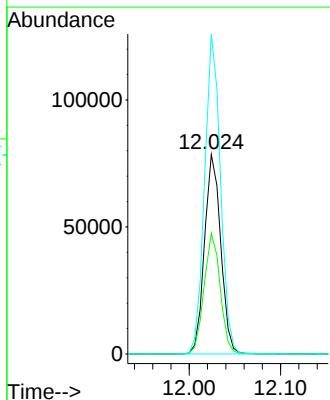
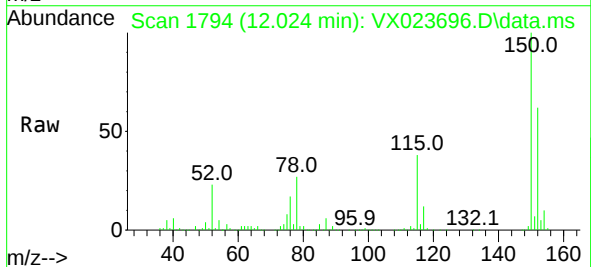
Instrument :
 MSVOA_X
 ClientSampled :

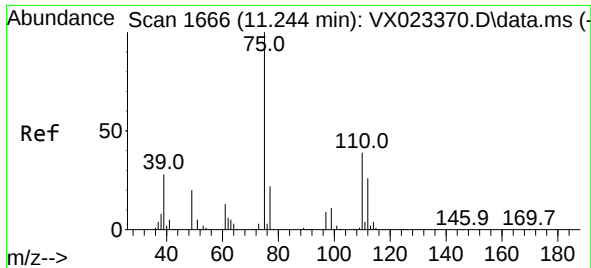
Tgt Ion:131 Resp: 22
 Ion Ratio Lower Upper
 131 100
 133 0.0 47.7 143.1#
 119 0.0 32.1 96.5#



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX023696.D
 Acq: 13 Aug 2021 17:24

Tgt Ion:152 Resp: 96780
 Ion Ratio Lower Upper
 152 100
 115 59.9 41.1 123.3
 150 156.2 0.0 349.0

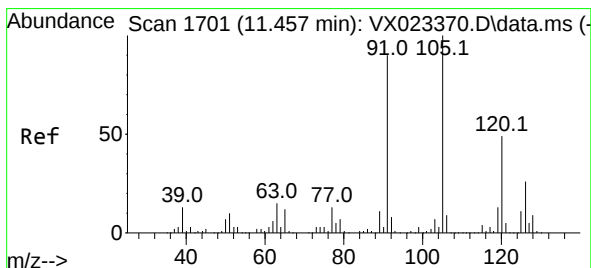
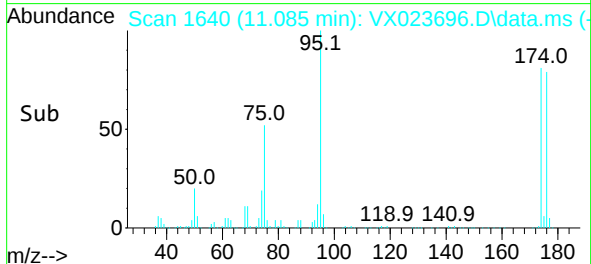
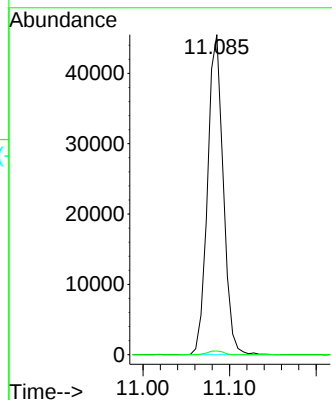
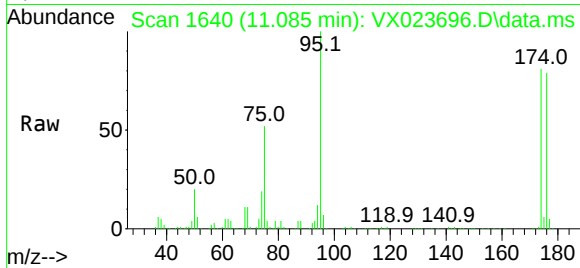




#76
1,2,3-Trichloropropane
Concen: 26.834 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023696.D
Acq: 13 Aug 2021 17:24

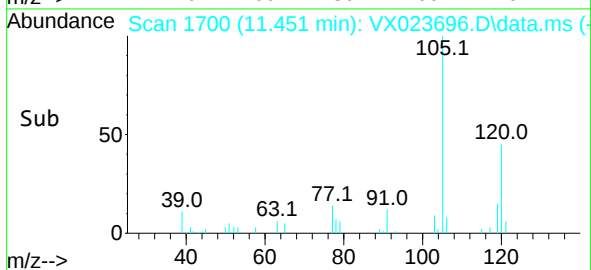
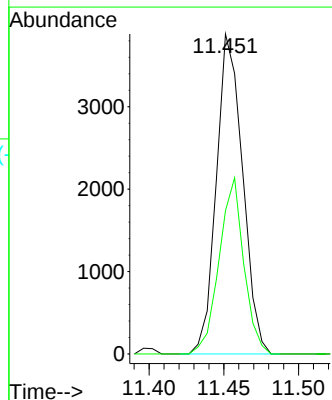
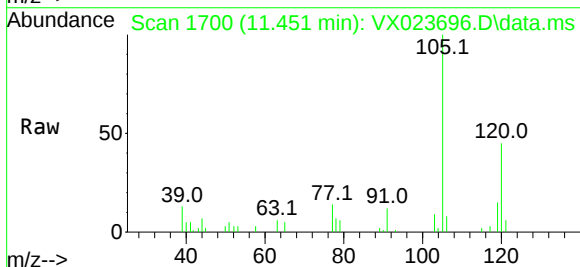
Instrument :
MSVOA_X
ClientSampled :

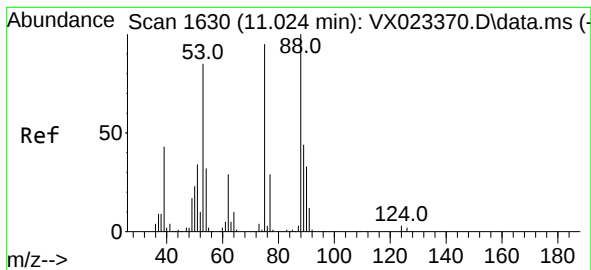
Tgt Ion: 75 Resp: 57148
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#80
1,3,5-Trimethylbenzene
Concen: 0.797 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX023696.D
Acq: 13 Aug 2021 17:24

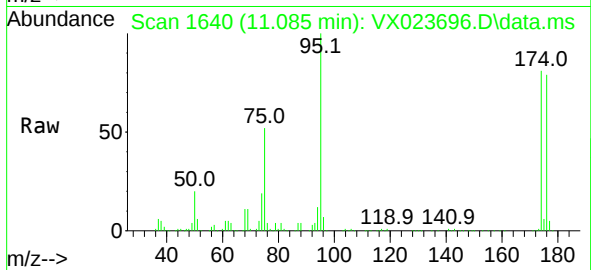
Tgt Ion: 105 Resp: 4737
Ion Ratio Lower Upper
105 100
120 51.6 23.8 71.5





#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.152 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX023696.D
 Acq: 13 Aug 2021 17:24

Instrument :
 MSVOA_X
 ClientSampled :



Tgt Ion:	75	Resp:	57148
Ion	Ratio	Lower	Upper
75	100		
53	0.0	74.5	111.7#
89	0.1	37.9	56.9#

