

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081321\
 Data File : VX023726.D
 Acq On : 14 Aug 2021 06:22
 Operator : JC/MD
 Sample : M3398-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 14 06:56:51 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)

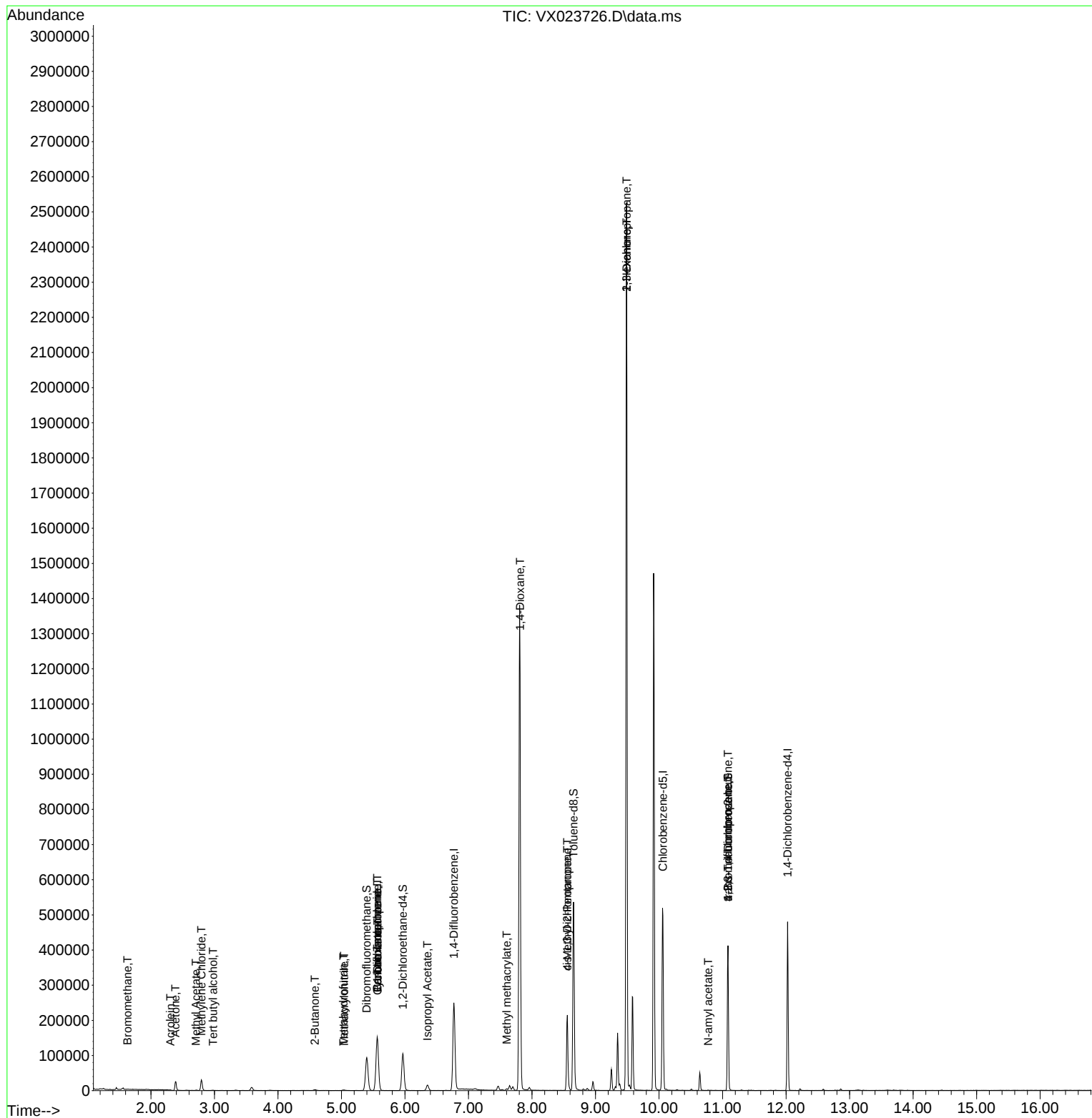
Internal Standards						
1) Pentafluorobenzene	5.562	168	141532	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	245922	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	234096	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	91317	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	100592	56.977	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 113.960%	
35) Dibromofluoromethane	5.397	113	79271	51.555	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.100%	
50) Toluene-d8	8.653	98	307384	54.412	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 108.820%	
62) 4-Bromofluorobenzene	11.085	95	102239	53.223	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 106.440%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.630	94	394	0.432	ug/l	87
11) Tert butyl alcohol	2.977	59	803	1.991	ug/l #	73
13) Acrolein	2.306	56	19	1.456	ug/l #	14
16) Acetone	2.386	43	27478	31.728	ug/l	90
18) Methyl Acetate	2.709	43	1609	0.782	ug/l #	89
20) Methylene Chloride	2.794	84	12800	7.598	ug/l #	86
25) 2-Butanone	4.580	43	4415	3.284	ug/l #	88
29) Tetrahydrofuran	5.031	42	1652	1.875	ug/l #	74
31) Cyclohexane	5.568	56	3233	1.236	ug/l #	15
36) 1,1-Dichloropropene	5.562	75	11108	4.993	ug/l #	49
38) Carbon Tetrachloride	5.562	117	14527	6.421	ug/l #	16
41) Methacrylonitrile	5.044	41	1117	0.754	ug/l #	40
43) Isopropyl Acetate	6.354	43	21511	4.949	ug/l #	91
48) Methyl methacrylate	7.604	41	6285	3.122	ug/l #	10
49) 1,4-Dioxane	7.811	88	248	5.786	ug/l #	1
51) 4-Methyl-2-Pentanone	8.555	43	76655	28.835	ug/l #	45
54) cis-1,3-Dichloropropene	8.555	75	31836	11.973	ug/l #	73
57) 1,3-Dichloropropane	9.488	76	19748	7.023	ug/l #	42
59) 2-Hexanone	9.488	43	300059	148.635	ug/l #	43
74) N-amyl acetate	10.774	43	860	0.274	ug/l #	43
76) 1,2,3-Trichloropropane	11.085	75	54903	27.322	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	54903	73.465	ug/l #	12

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

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Quant Title : SW846 8260
QLast Update : Fri Jul 23 06:05:38 2021
Response via : Initial Calibration

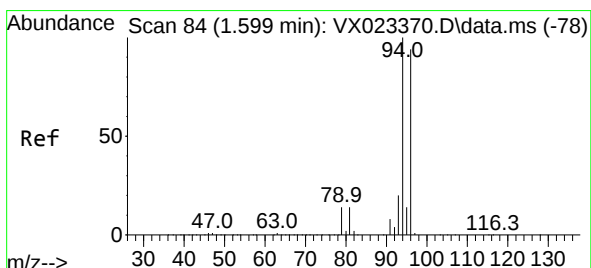
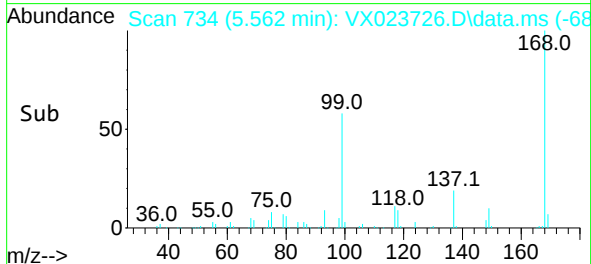
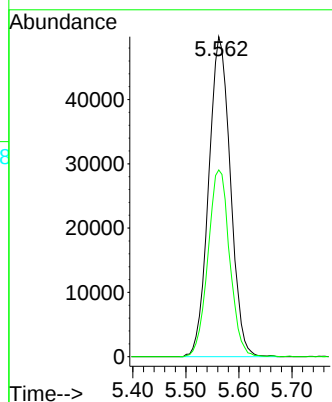
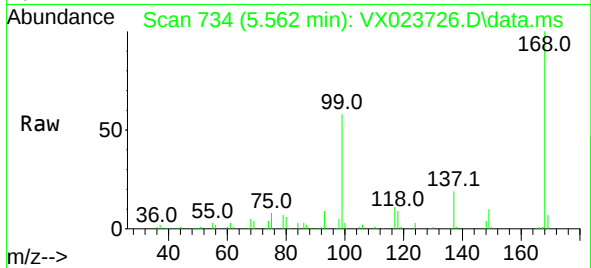




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023726.D
Acq: 14 Aug 2021 06:22

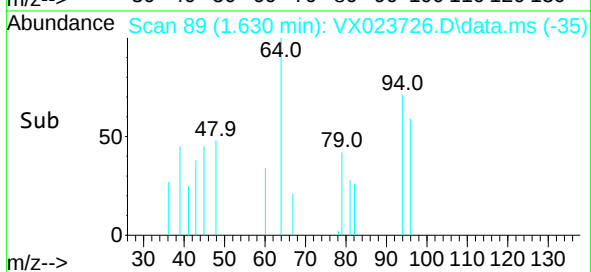
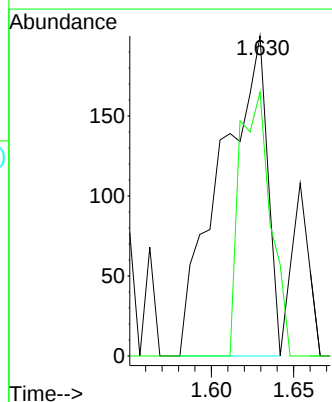
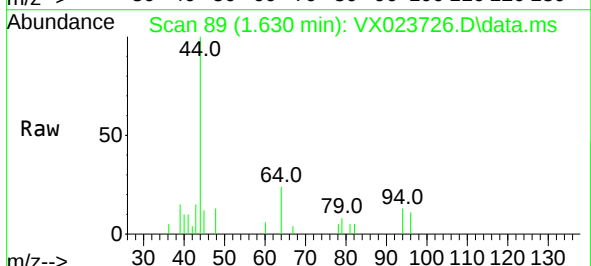
Instrument :
MSVOA_X
ClientSampleId :

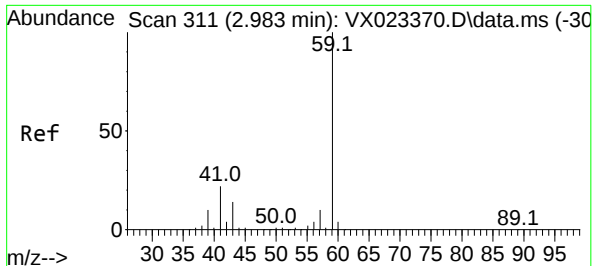
Tgt Ion:168 Resp: 141532
Ion Ratio Lower Upper
168 100
99 58.4 45.8 68.6



#5
Bromomethane
Concen: 0.432 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.031 min
Lab File: VX023726.D
Acq: 14 Aug 2021 06:22

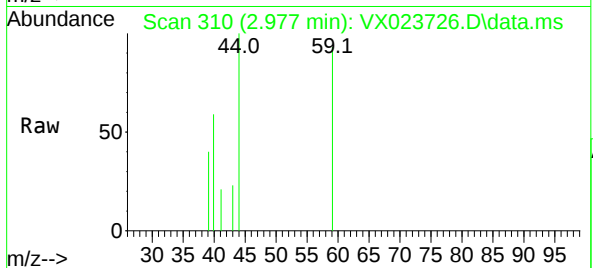
Tgt Ion: 94 Resp: 394
Ion Ratio Lower Upper
94 100
96 82.5 76.4 114.6



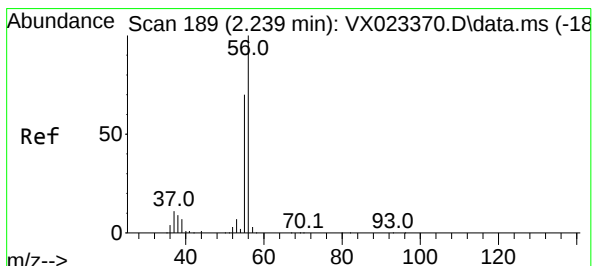
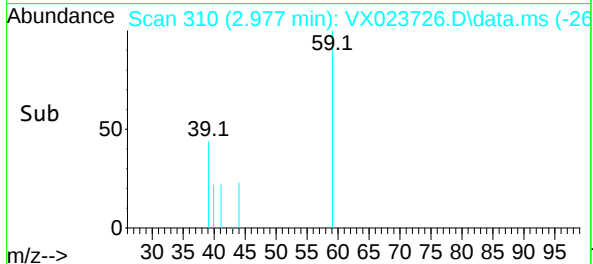
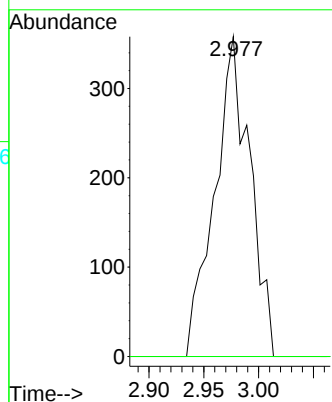


#11
Tert butyl alcohol
Concen: 1.991 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.006 min
Lab File: VX023726.D
Acq: 14 Aug 2021 06:22

Instrument :
MSVOA_X
ClientSampled :

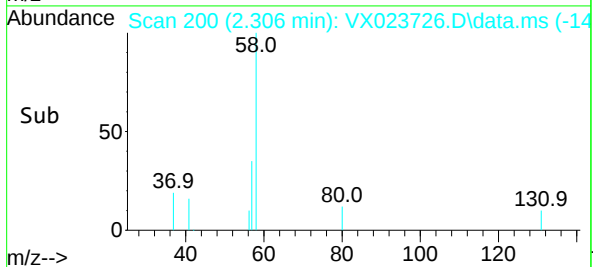
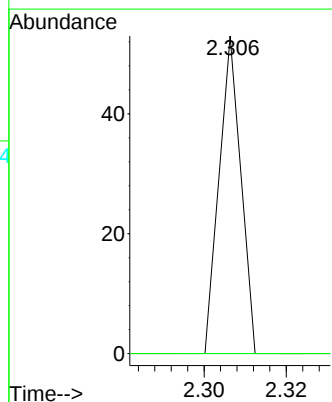
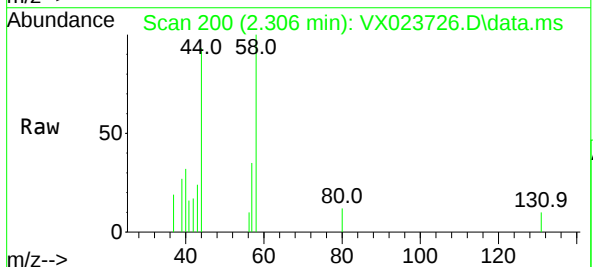


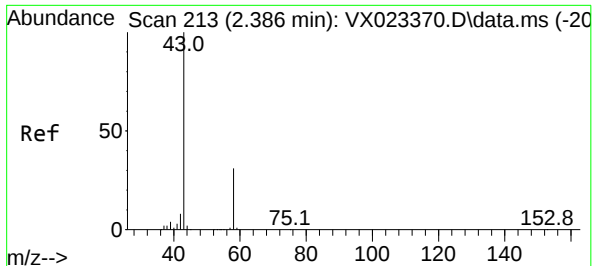
Tgt Ion: 59 Resp: 803
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#13
Acrolein
Concen: 1.456 ug/l
RT: 2.306 min Scan# 200
Delta R.T. 0.067 min
Lab File: VX023726.D
Acq: 14 Aug 2021 06:22

Tgt Ion: 56 Resp: 19
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

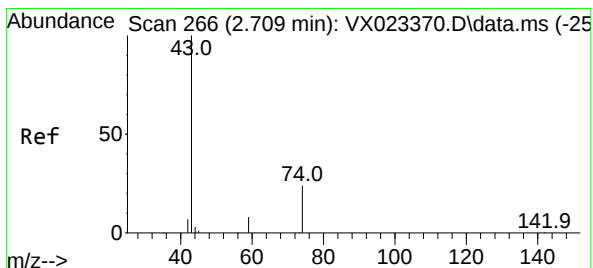
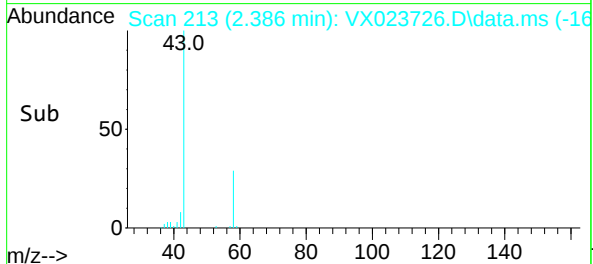
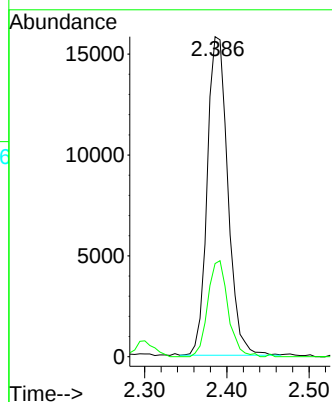
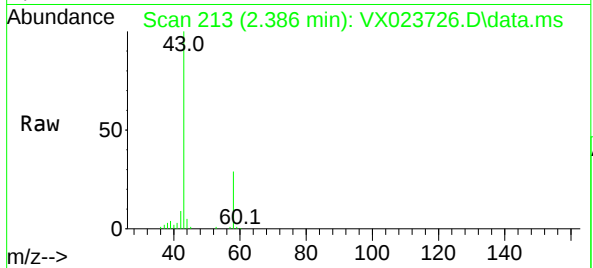




#16
Acetone
Concen: 31.728 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX023726.D
Acq: 14 Aug 2021 06:22

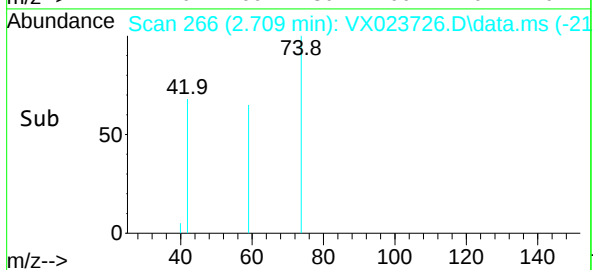
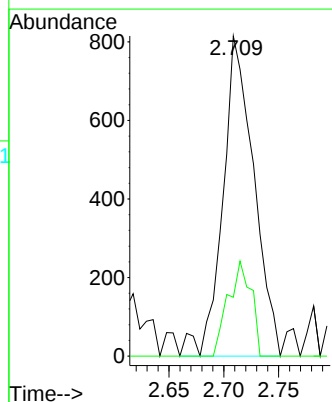
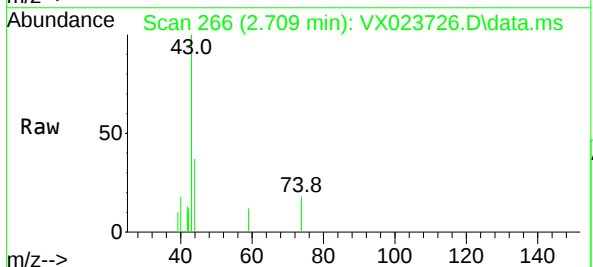
Instrument :
MSVOA_X
ClientSampled :

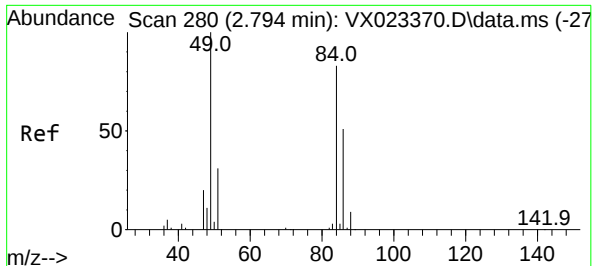
Tgt Ion: 43 Resp: 27478
Ion Ratio Lower Upper
43 100
58 29.2 27.8 41.8



#18
Methyl Acetate
Concen: 0.782 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX023726.D
Acq: 14 Aug 2021 06:22

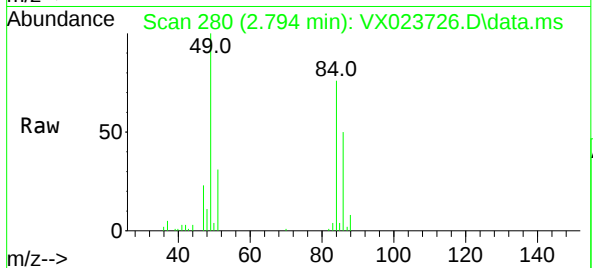
Tgt Ion: 43 Resp: 1609
Ion Ratio Lower Upper
43 100
74 21.9 21.9 32.9#



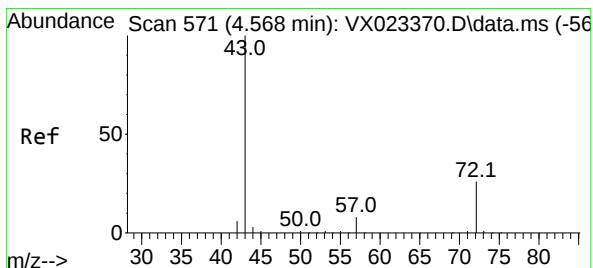
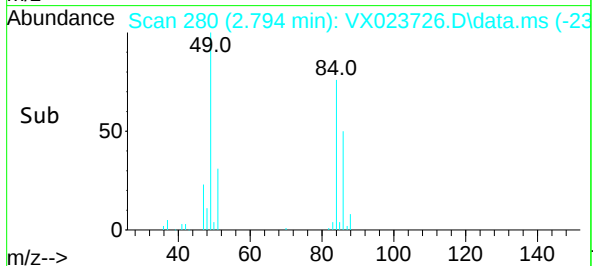
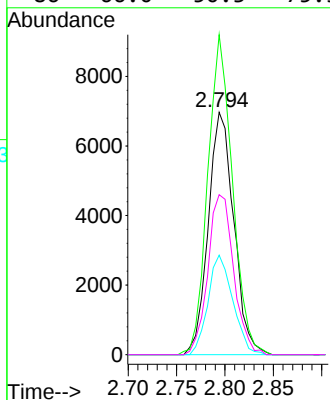


#20
Methylene Chloride
Concen: 7.598 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023726.D
Acq: 14 Aug 2021 06:22

Instrument :
MSVOA_X
ClientSampled :

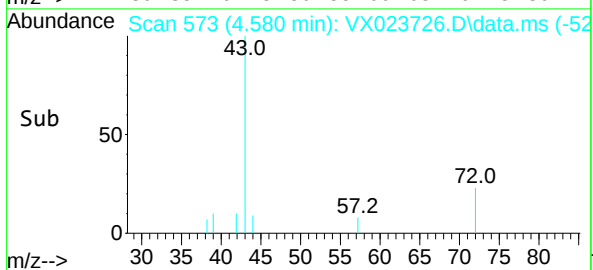
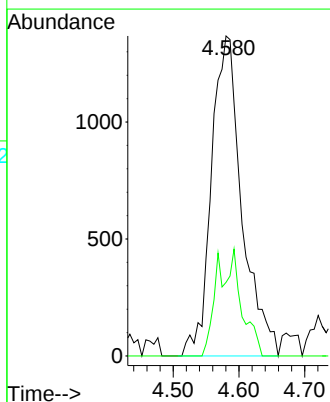
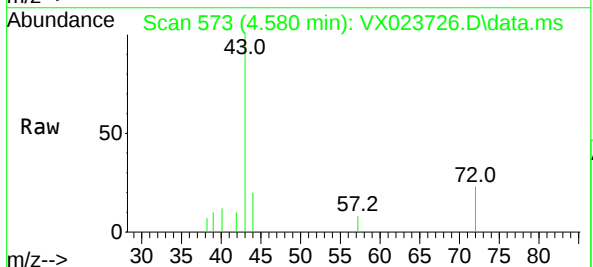


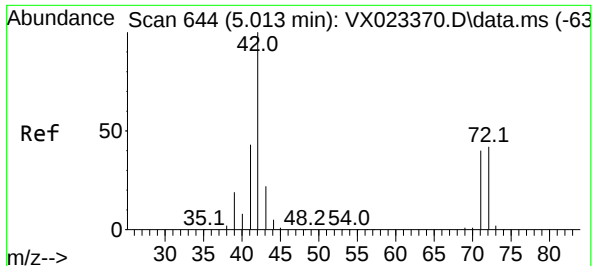
Tgt Ion:	84	Resp:	12800
Ion	Ratio	Lower	Upper
84	100		
49	132.0	88.6	132.8
51	41.0	27.0	40.6#
86	66.0	50.3	75.5



#25
2-Butanone
Concen: 3.284 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX023726.D
Acq: 14 Aug 2021 06:22

Tgt Ion:	43	Resp:	4415
Ion	Ratio	Lower	Upper
43	100		
72	23.0	23.7	35.5#





#29

Tetrahydrofuran

Concen: 1.875 ug/l

RT: 5.031 min Scan# 647

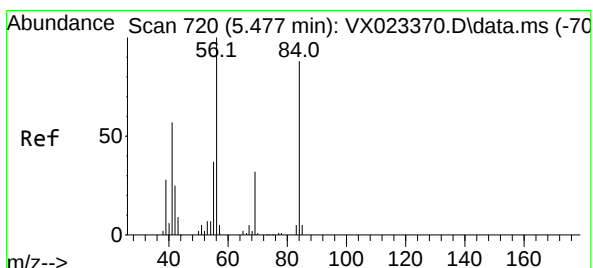
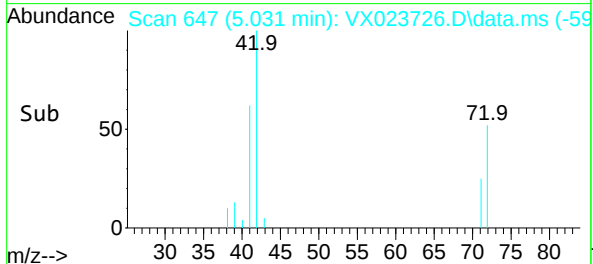
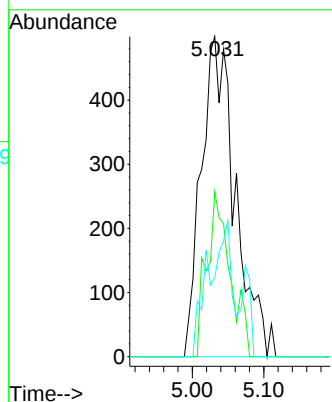
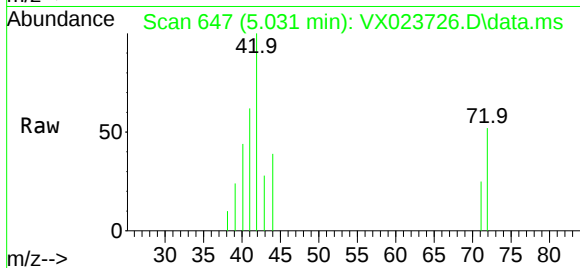
Delta R.T. 0.018 min

Lab File: VX023726.D

Acq: 14 Aug 2021 06:22

Tgt Ion:	42	Resp:	1652
Ion	Ratio	Lower	Upper
42	100		
72	35.3	41.7	62.5#
71	28.2	38.4	57.6#

Instrument :
MSVOA_X
ClientSampled :



#31

Cyclohexane

Concen: 1.236 ug/l

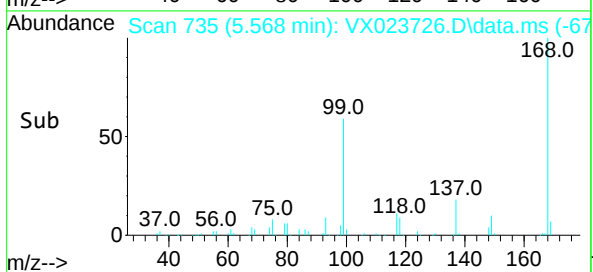
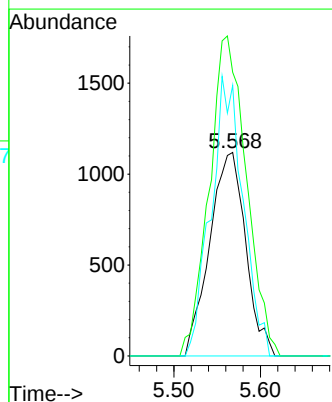
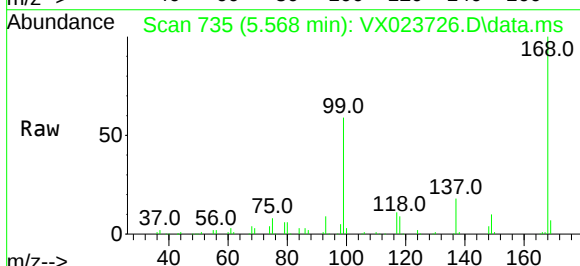
RT: 5.568 min Scan# 735

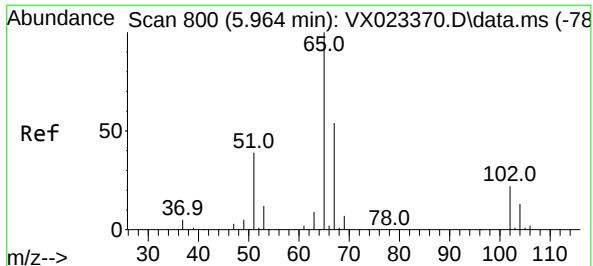
Delta R.T. 0.091 min

Lab File: VX023726.D

Acq: 14 Aug 2021 06:22

Tgt Ion:	56	Resp:	3233
Ion	Ratio	Lower	Upper
56	100		
69	139.4	25.3	37.9#
84	133.0	71.4	107.0#



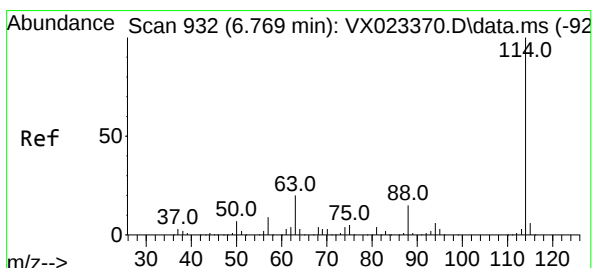
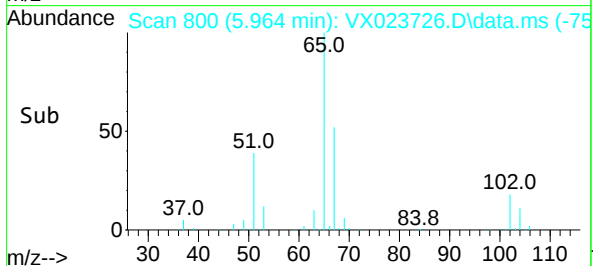
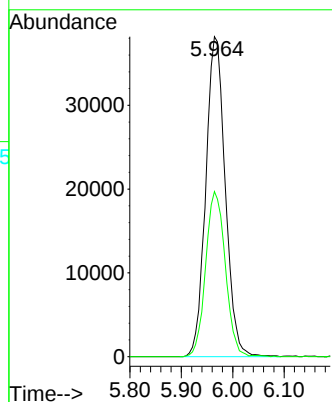
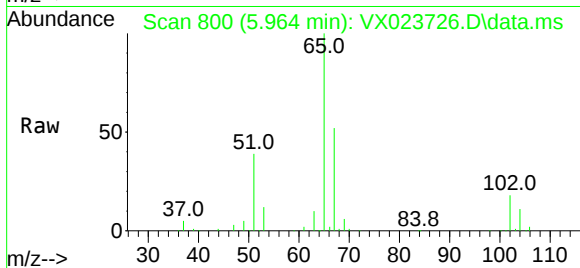


#33

1,2-Dichloroethane-d4
Concen: 56.977 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023726.D
Acq: 14 Aug 2021 06:22

Instrument :
MSVOA_X
ClientSampled :

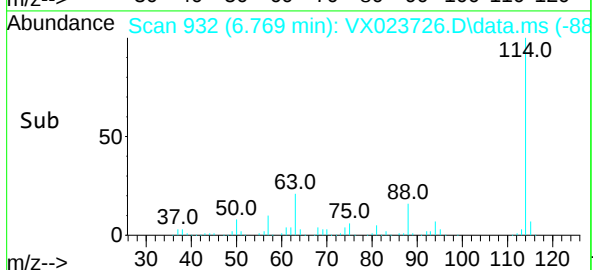
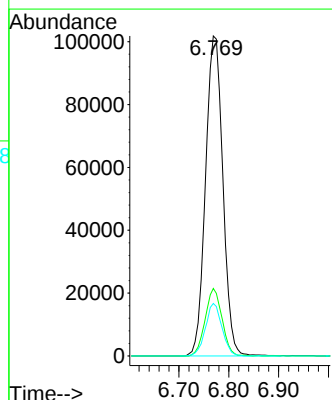
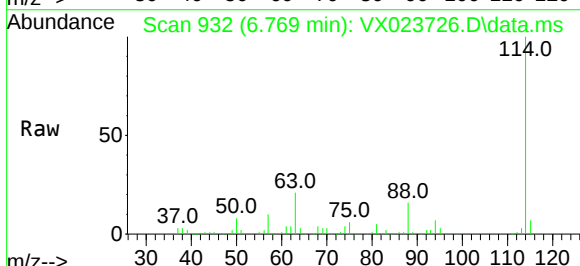
Tgt Ion: 65 Resp: 100592
Ion Ratio Lower Upper
65 100
67 52.1 0.0 105.4

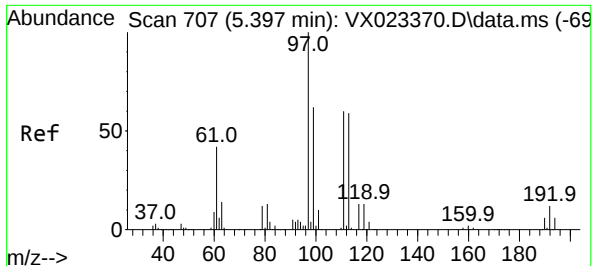


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX023726.D
Acq: 14 Aug 2021 06:22

Tgt Ion: 114 Resp: 245922
Ion Ratio Lower Upper
114 100
63 21.1 0.0 40.8
88 16.4 0.0 32.8





#35

Dibromofluoromethane

Concen: 51.555 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX023726.D

Acq: 14 Aug 2021 06:22

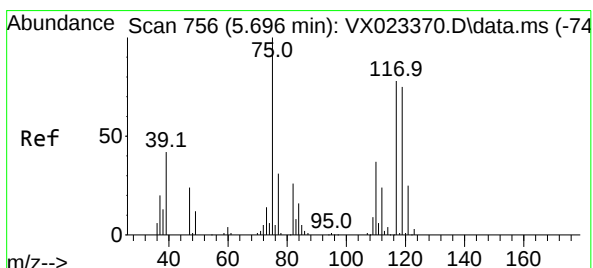
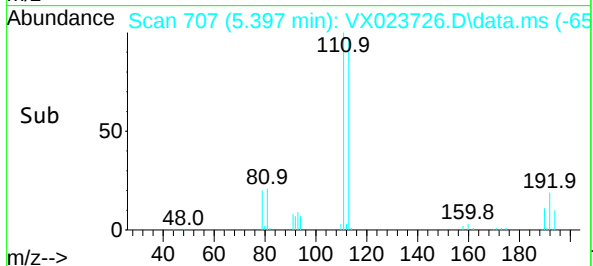
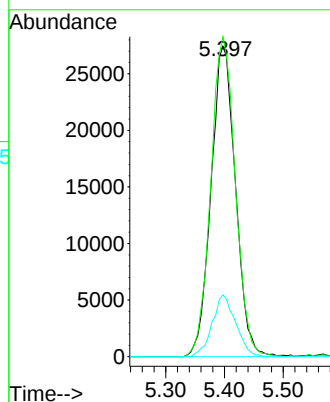
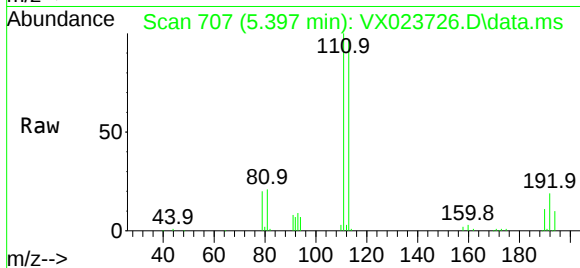
Tgt Ion:113 Resp: 79271

Ion Ratio Lower Upper

113 100

111 103.4 81.9 122.9

192 19.1 16.7 25.1



#36

1,1-Dichloropropene

Concen: 4.993 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.134 min

Lab File: VX023726.D

Acq: 14 Aug 2021 06:22

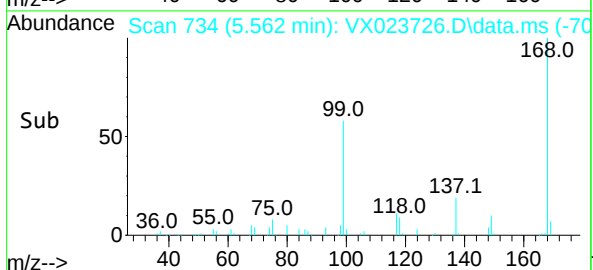
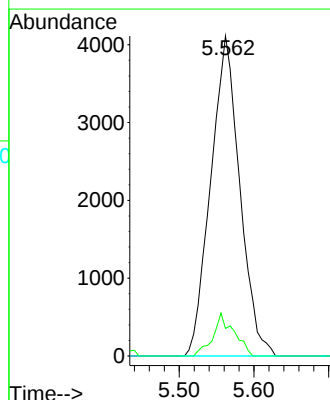
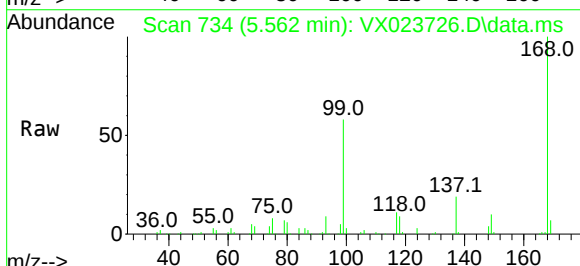
Tgt Ion: 75 Resp: 11108

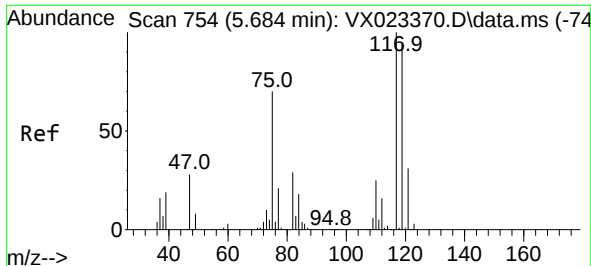
Ion Ratio Lower Upper

75 100

110 9.7 18.1 54.4#

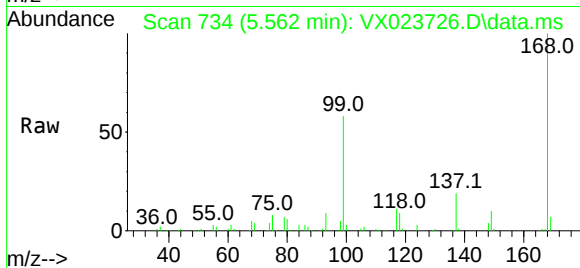
77 0.0 25.3 37.9#



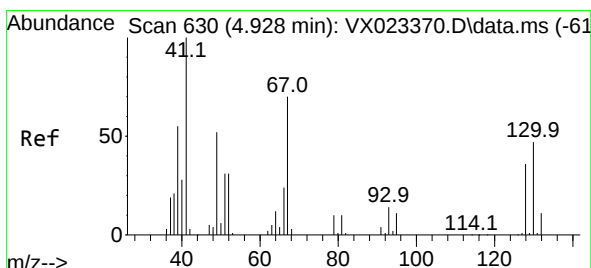
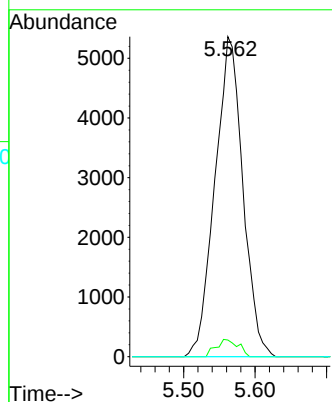
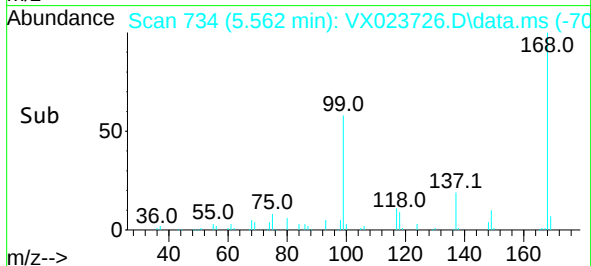


#38
Carbon Tetrachloride
Concen: 6.421 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX023726.D
Acq: 14 Aug 2021 06:22

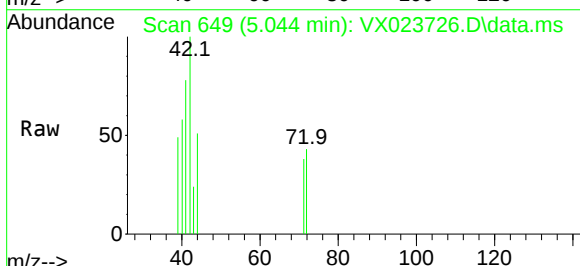
Instrument :
MSVOA_X
ClientSampled :



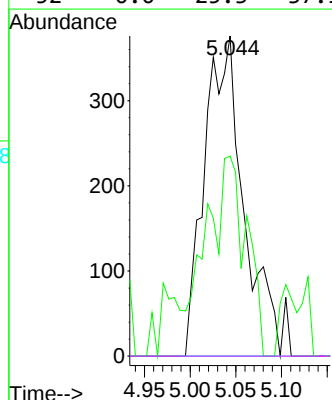
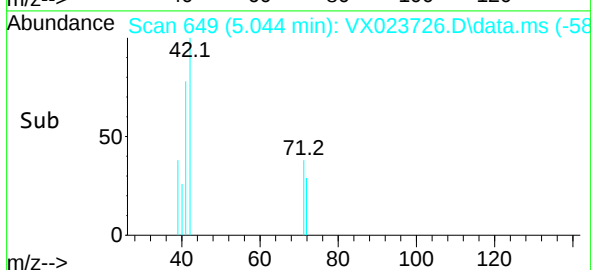
Tgt Ion:117 Resp: 14527
Ion Ratio Lower Upper
117 100
119 5.2 76.2 114.2#
121 0.0 24.8 37.2#

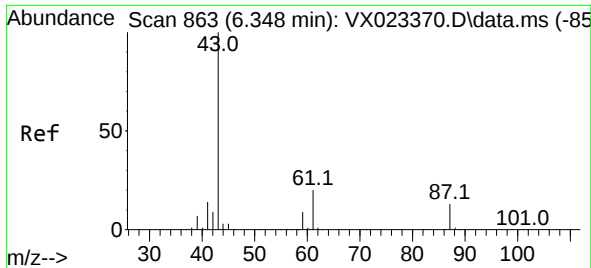


#41
Methacrylonitrile
Concen: 0.754 ug/l
RT: 5.044 min Scan# 649
Delta R.T. 0.116 min
Lab File: VX023726.D
Acq: 14 Aug 2021 06:22



Tgt Ion: 41 Resp: 1117
Ion Ratio Lower Upper
41 100
39 63.3 42.5 63.7
67 0.0 65.0 97.6#
52 0.0 25.3 37.9#

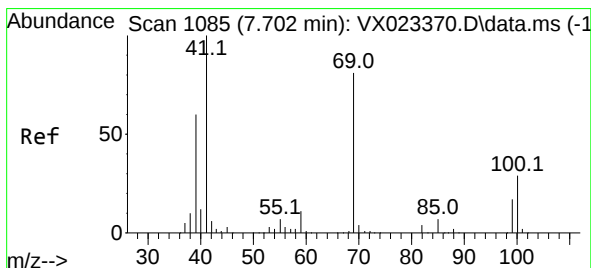
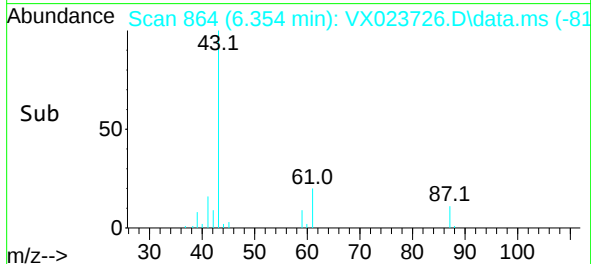
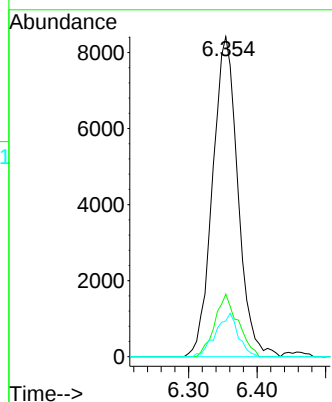
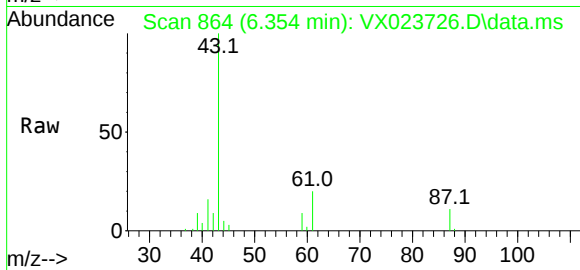




#43
Isopropyl Acetate
Concen: 4.949 ug/l
RT: 6.354 min Scan# 864
Delta R.T. 0.006 min
Lab File: VX023726.D
Acq: 14 Aug 2021 06:22

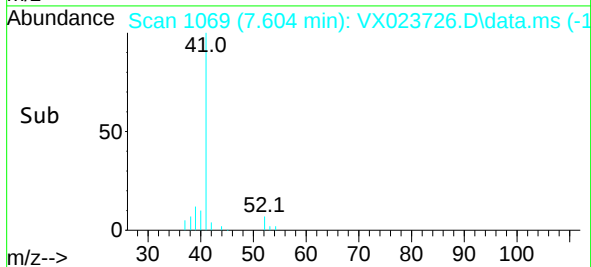
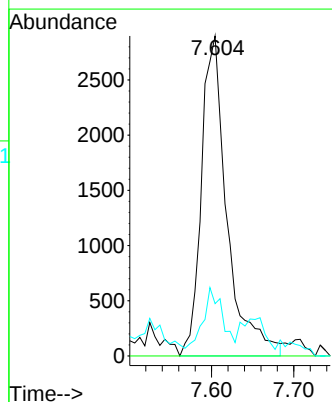
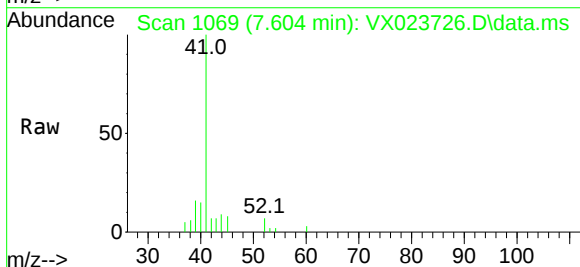
Instrument :
MSVOA_X
ClientSampled :

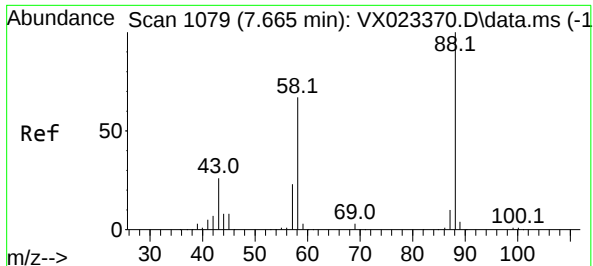
Tgt Ion: 43 Resp: 21511
Ion Ratio Lower Upper
43 100
61 18.0 18.2 27.4#
87 12.1 12.5 18.7#



#48
Methyl methacrylate
Concen: 3.122 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. -0.098 min
Lab File: VX023726.D
Acq: 14 Aug 2021 06:22

Tgt Ion: 41 Resp: 6285
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: 5.786 ug/l

RT: 7.811 min Scan# 1103

Delta R.T. 0.146 min

Lab File: VX023726.D

Acq: 14 Aug 2021 06:22

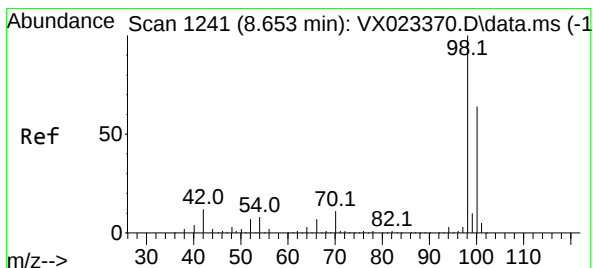
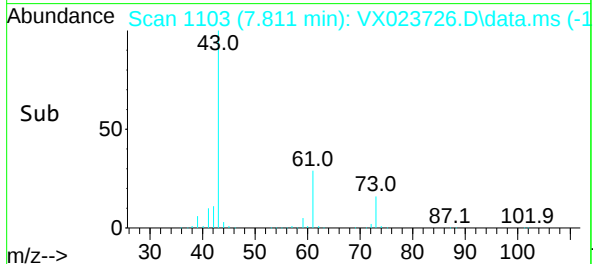
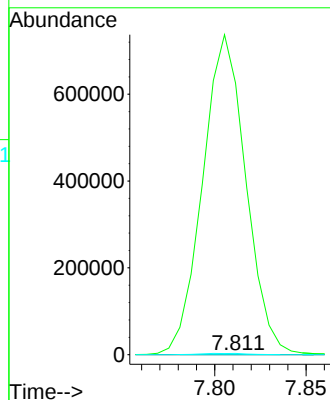
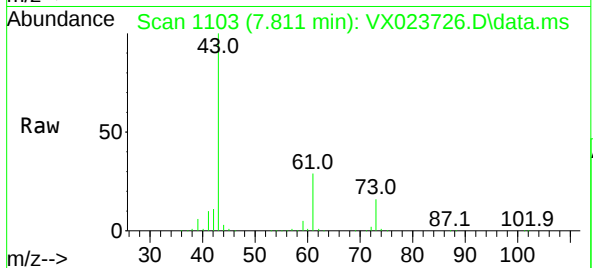
Tgt Ion: 88 Resp: 248

Ion Ratio Lower Upper

88 100

43 492018.1 23.2 34.8#

58 2138.7 55.0 82.4#



#50

Toluene-d8

Concen: 54.412 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX023726.D

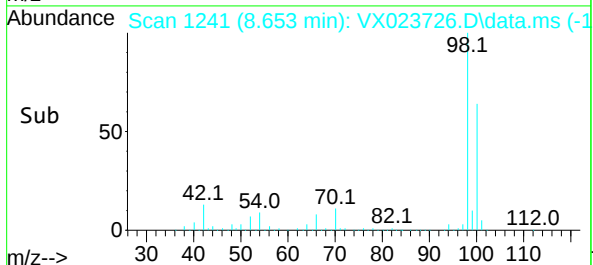
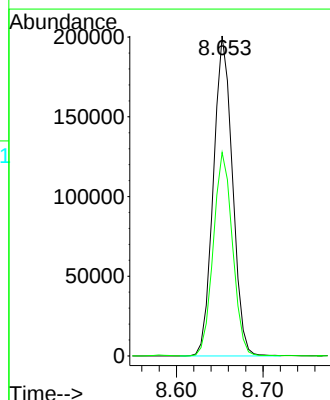
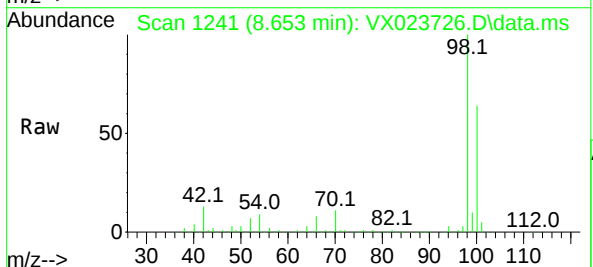
Acq: 14 Aug 2021 06:22

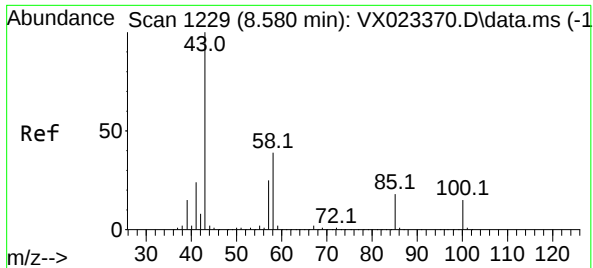
Tgt Ion: 98 Resp: 307384

Ion Ratio Lower Upper

98 100

100 63.9 51.9 77.9

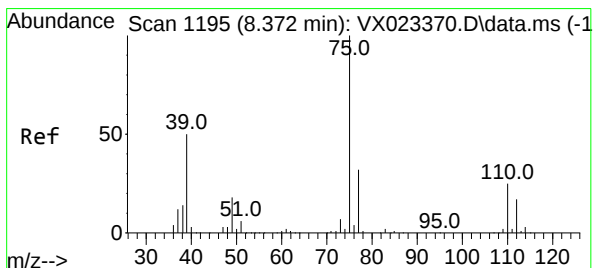
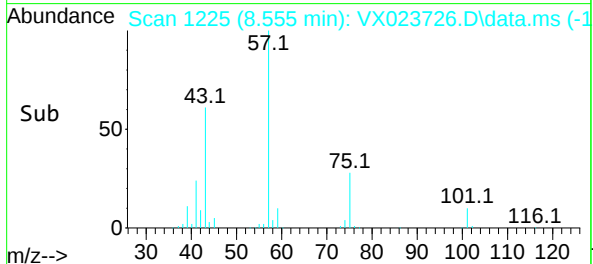
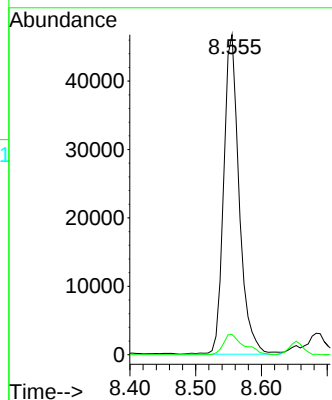
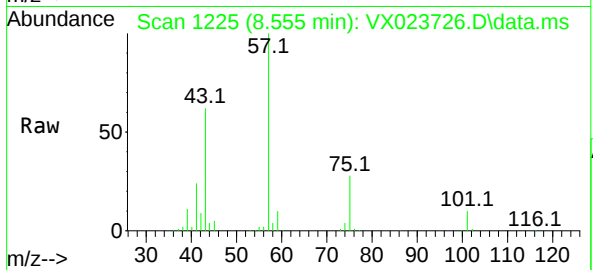




#51
4-Methyl-2-Pentanone
Concen: 28.835 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX023726.D
Acq: 14 Aug 2021 06:22

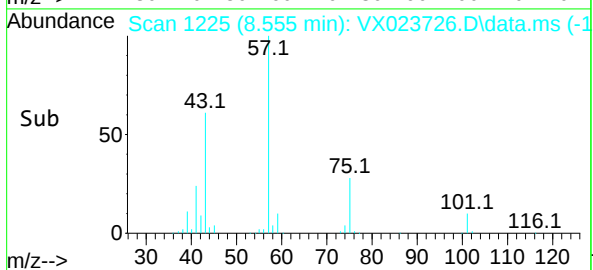
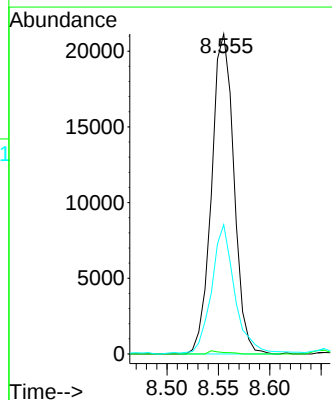
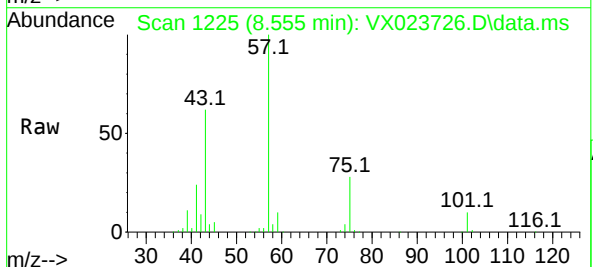
Instrument :
MSVOA_X
ClientSampled :

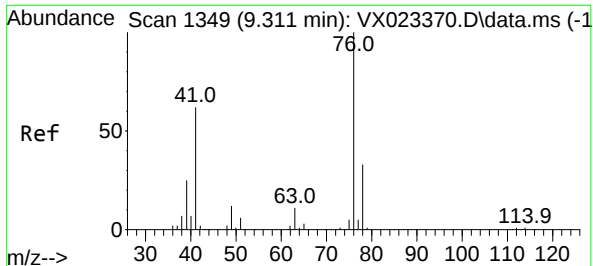
Tgt Ion: 43 Resp: 76655
Ion Ratio Lower Upper
43 100
58 8.5 35.4 53.0#



#54
cis-1,3-Dichloropropene
Concen: 11.973 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.183 min
Lab File: VX023726.D
Acq: 14 Aug 2021 06:22

Tgt Ion: 75 Resp: 31836
Ion Ratio Lower Upper
75 100
77 0.4 25.7 38.5#
39 40.1 35.1 52.7



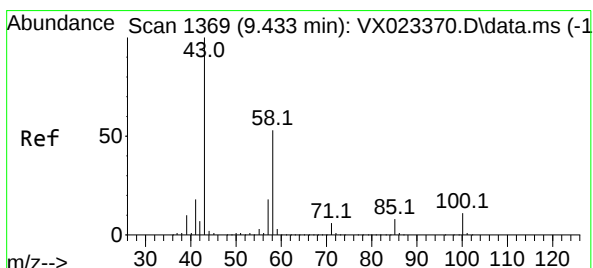
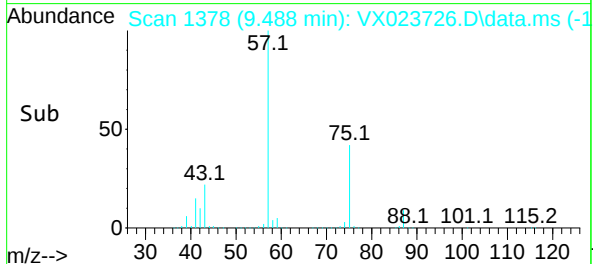
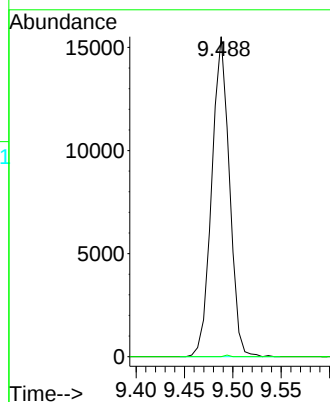
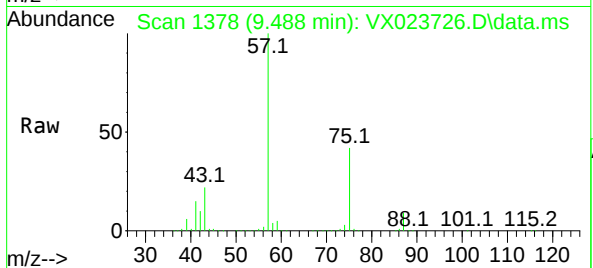


#57

1,3-Dichloropropane
Concen: 7.023 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX023726.D
Acq: 14 Aug 2021 06:22

Instrument :
MSVOA_X
ClientSampled :

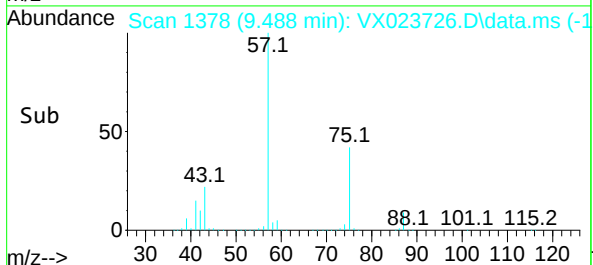
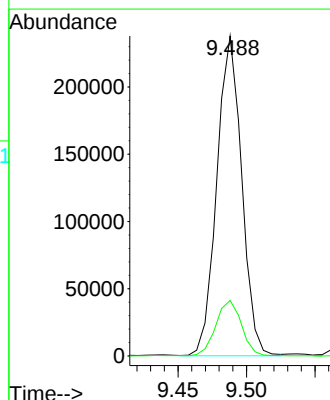
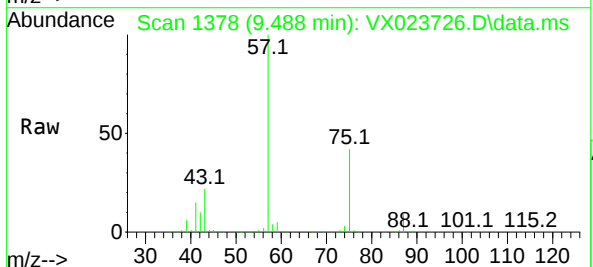
Tgt Ion: 76 Resp: 19748
Ion Ratio Lower Upper
76 100
78 0.2 26.2 39.2#

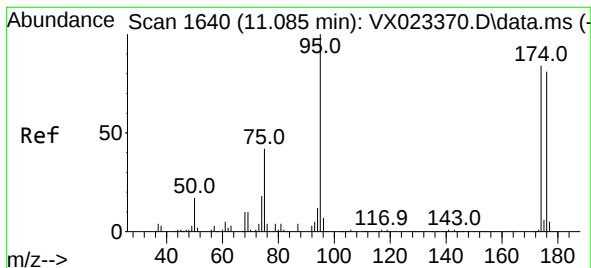


#59

2-Hexanone
Concen: 148.635 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX023726.D
Acq: 14 Aug 2021 06:22

Tgt Ion: 43 Resp: 300059
Ion Ratio Lower Upper
43 100
58 17.9 30.9 92.8#

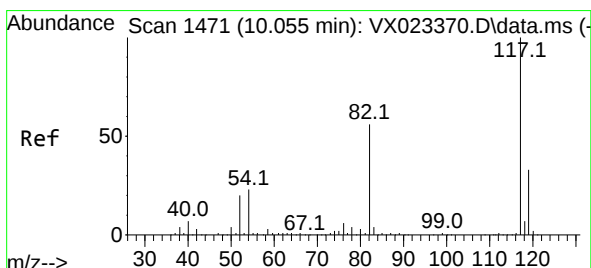
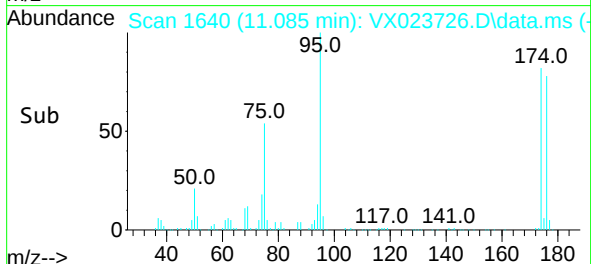
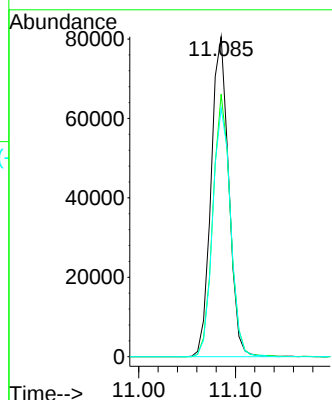
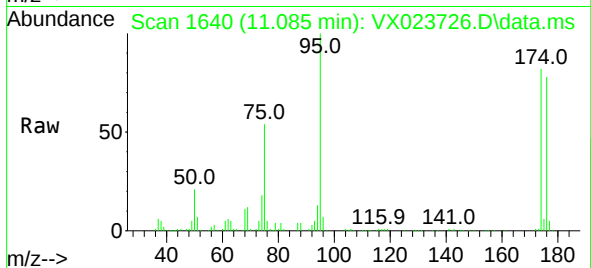




#62
4-Bromofluorobenzene
Concen: 53.223 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023726.D
Acq: 14 Aug 2021 06:22

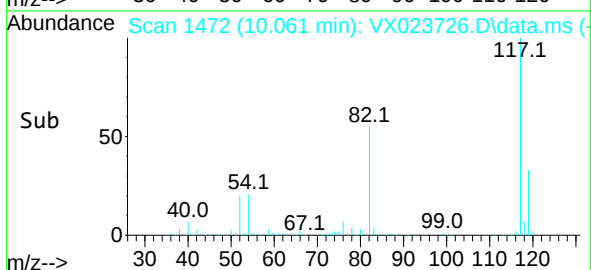
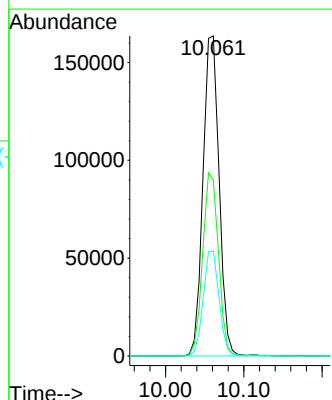
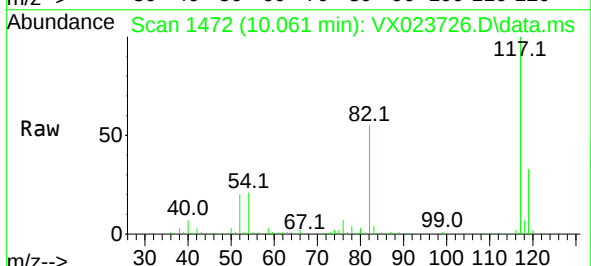
Instrument :
MSVOA_X
ClientSampled :

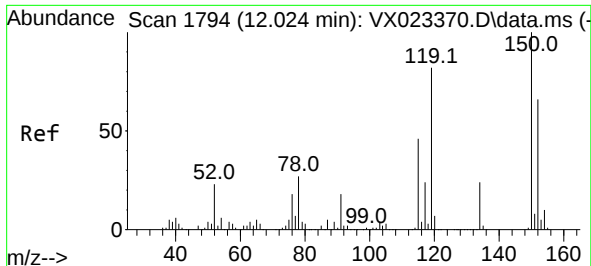
Tgt Ion: 95 Resp: 102239
Ion Ratio Lower Upper
95 100
174 80.7 0.0 154.6
176 79.1 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX023726.D
Acq: 14 Aug 2021 06:22

Tgt Ion: 117 Resp: 234096
Ion Ratio Lower Upper
117 100
82 54.9 47.4 71.2
119 32.8 26.6 39.8

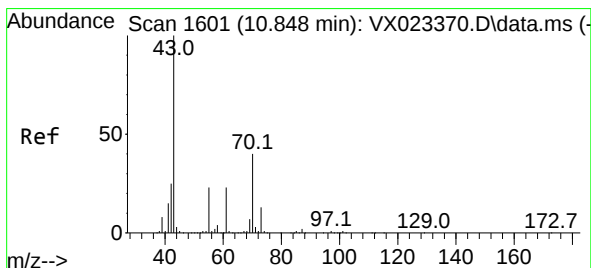
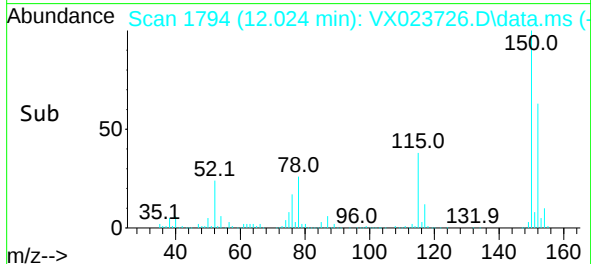
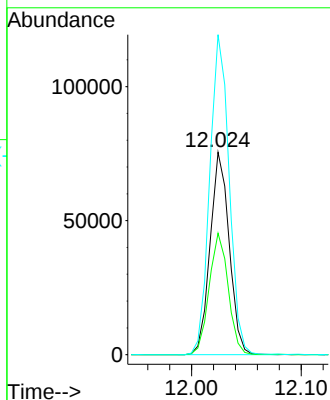
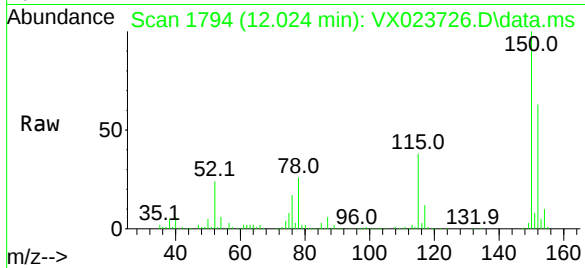




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023726.D
Acq: 14 Aug 2021 06:22

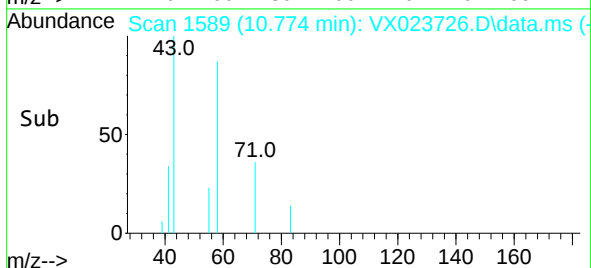
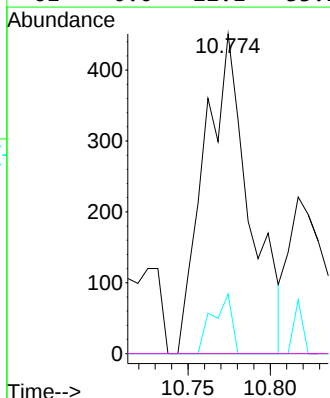
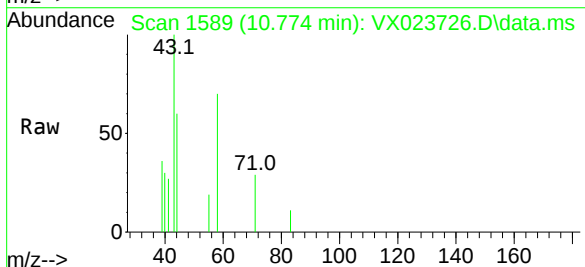
Instrument :
MSVOA_X
ClientSampled :

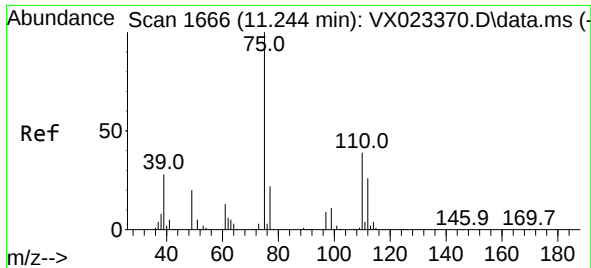
Tgt Ion:152 Resp: 91317
Ion Ratio Lower Upper
152 100
115 59.8 41.1 123.3
150 160.8 0.0 349.0



#74
N-ethyl acetate
Concen: 0.274 ug/l
RT: 10.774 min Scan# 1589
Delta R.T. -0.074 min
Lab File: VX023726.D
Acq: 14 Aug 2021 06:22

Tgt Ion: 43 Resp: 860
Ion Ratio Lower Upper
43 100
70 0.0 39.0 58.6#
55 8.1 21.5 32.3#
61 0.0 22.1 33.1#

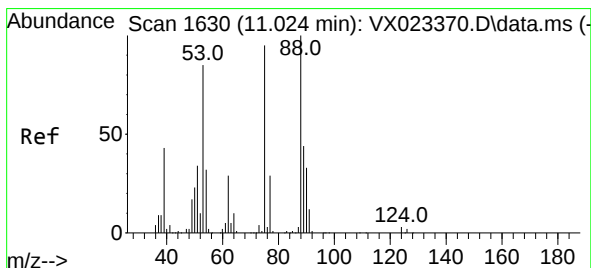
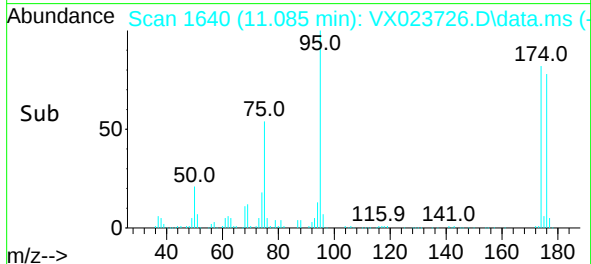
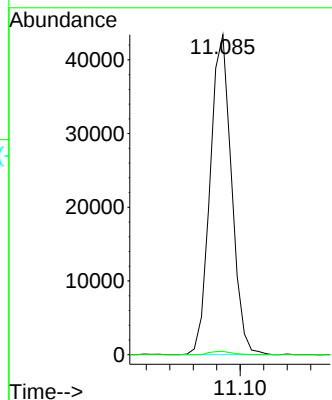
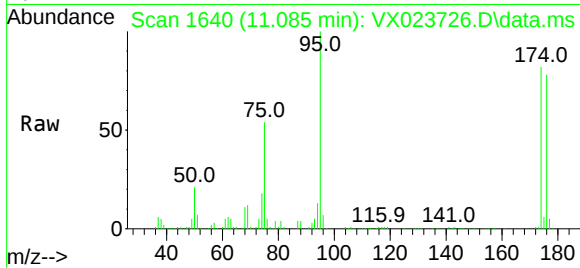




#76
1,2,3-Trichloropropane
Concen: 27.322 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023726.D
Acq: 14 Aug 2021 06:22

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 54903
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.465 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023726.D
Acq: 14 Aug 2021 06:22

Tgt Ion: 75 Resp: 54903
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#

