

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060421\
 Data File : VX022447.D
 Acq On : 05 Jun 2021 05:10
 Operator : JC/MD
 Sample : PB136806ZHE#14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 05 06:24:07 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)

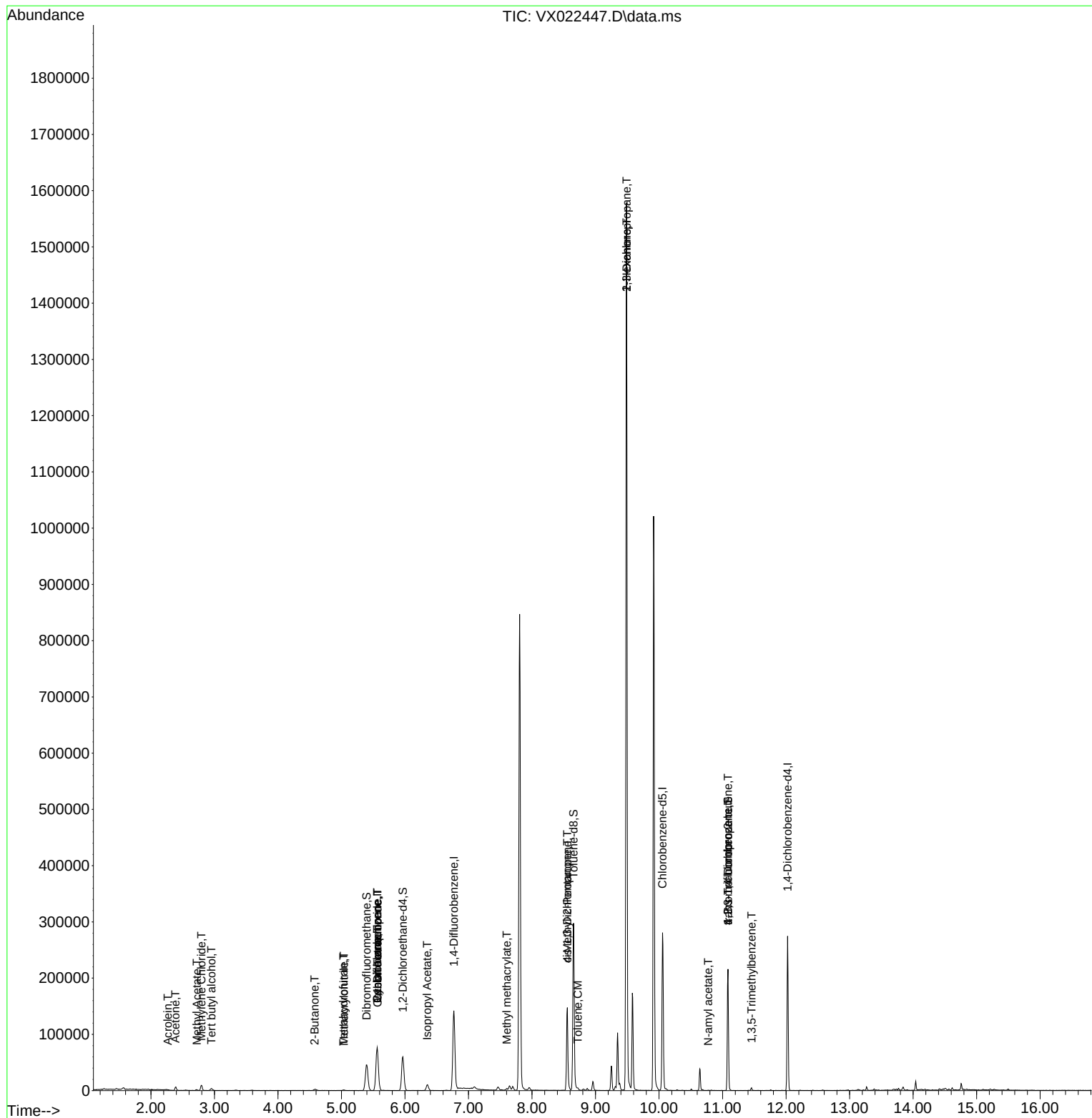
Internal Standards						
1) Pentafluorobenzene	5.562	168	64525	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	136574	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	122875	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	48663	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	55333	55.592	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	111.180%
35) Dibromofluoromethane	5.397	113	39698	45.836	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.680%
50) Toluene-d8	8.653	98	167194	50.114	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.220%
62) 4-Bromofluorobenzene	11.085	95	58863	47.734	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.460%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	2335	10.257	ug/l #	73
13) Acrolein	2.264	56	44	0.291	ug/l #	1
16) Acetone	2.386	43	6908	15.939	ug/l	96
18) Methyl Acetate	2.721	43	1767	1.533	ug/l #	83
20) Methylene Chloride	2.794	84	4155	4.318	ug/l	96
25) 2-Butanone	4.574	43	2129	3.036	ug/l #	74
29) Tetrahydrofuran	5.031	42	834	1.998	ug/l #	52
31) Cyclohexane	5.562	56	1881	1.504	ug/l #	20
36) 1,1-Dichloropropene	5.562	75	6252	4.951	ug/l #	51
38) Carbon Tetrachloride	5.568	117	7493	6.065	ug/l #	19
41) Methacrylonitrile	5.038	41	420	0.507	ug/l #	21
43) Isopropyl Acetate	6.348	43	14239	5.623	ug/l #	94
48) Methyl methacrylate	7.604	41	4181	3.583	ug/l #	10
51) 4-Methyl-2-Pentanone	8.555	43	49587	32.691	ug/l #	45
52) Toluene	8.720	92	653	0.265	ug/l	93
54) cis-1,3-Dichloropropene	8.555	75	23038	13.795	ug/l #	62
57) 1,3-Dichloropropane	9.488	76	13756	8.065	ug/l #	42
59) 2-Hexanone	9.488	43	184102	161.378	ug/l #	44
74) N-amyl acetate	10.774	43	724	0.370	ug/l #	38
76) 1,2,3-Trichloropropane	11.085	75	31862	26.540	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.457	105	2182	0.639	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.085	75	31862	62.883	ug/l #	12

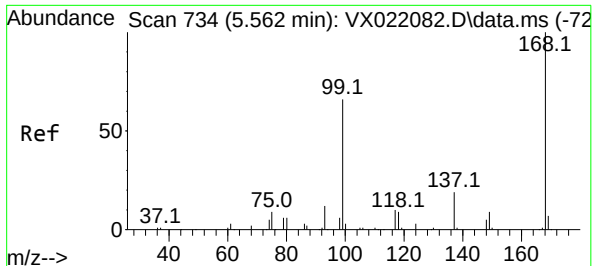
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 05 06:24:07 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

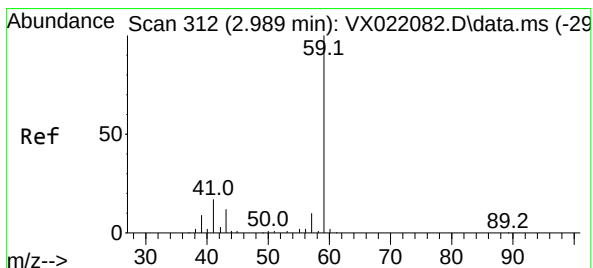
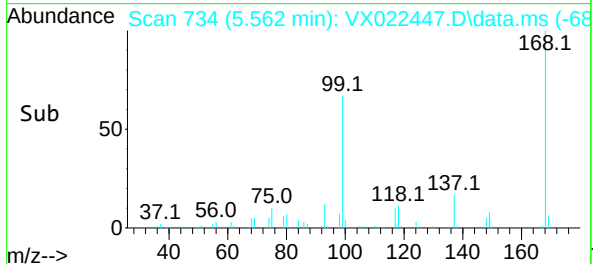
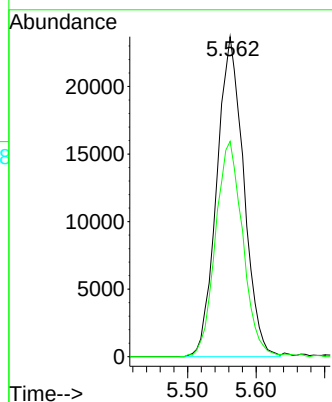
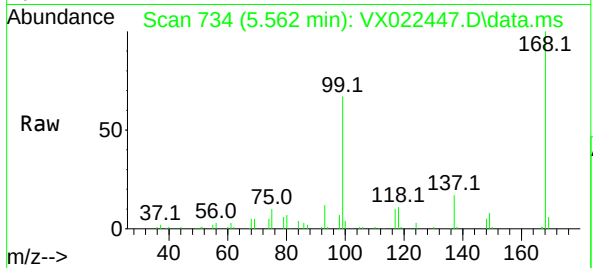




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022447.D
Acq: 05 Jun 2021 05:10

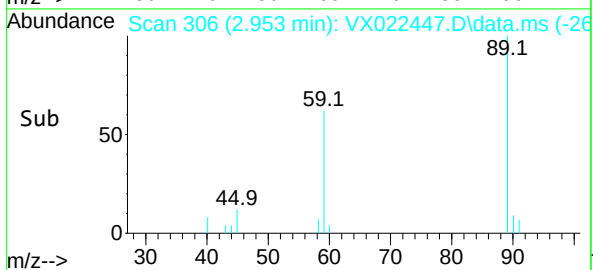
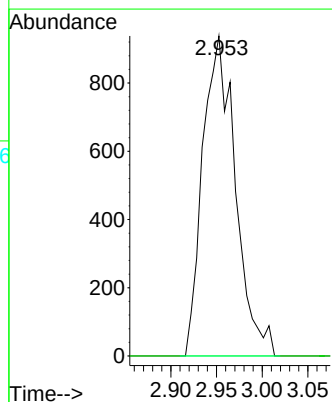
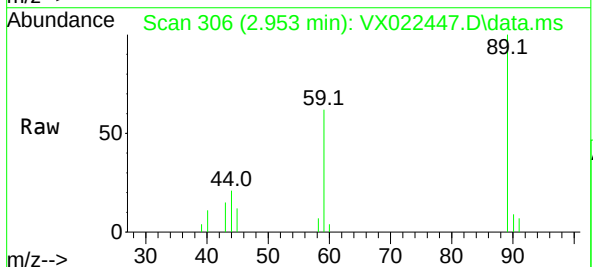
Instrument :
MSVOA_X
ClientSampleId :

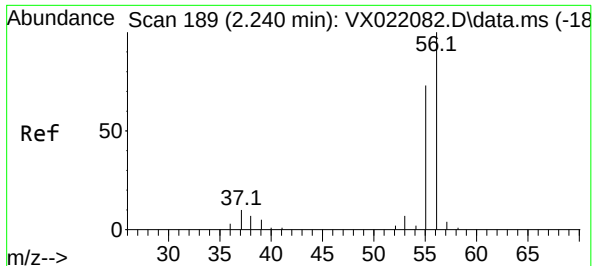
Tgt Ion:168 Resp: 64525
Ion Ratio Lower Upper
168 100
99 67.3 45.8 68.6



#11
Tert butyl alcohol
Concen: 10.257 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.036 min
Lab File: VX022447.D
Acq: 05 Jun 2021 05:10

Tgt Ion: 59 Resp: 2335
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

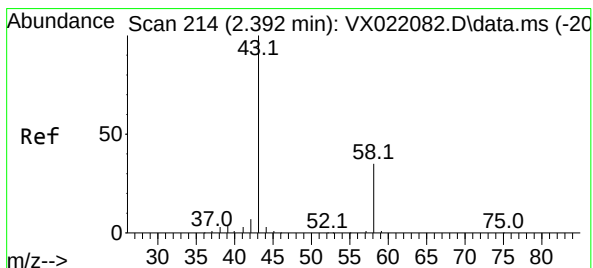
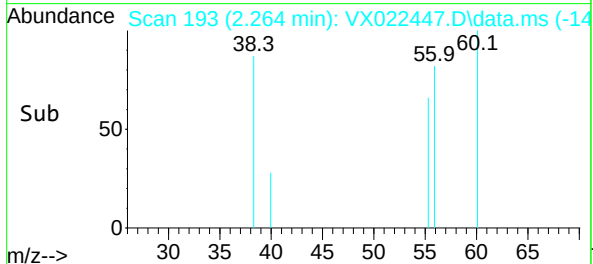
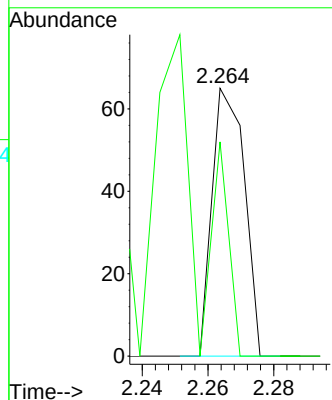
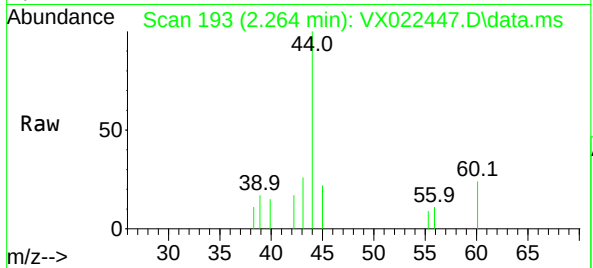




#13
Acrolein
Concen: 0.291 ug/l
RT: 2.264 min Scan# 193
Delta R.T. 0.024 min
Lab File: VX022447.D
Acq: 05 Jun 2021 05:10

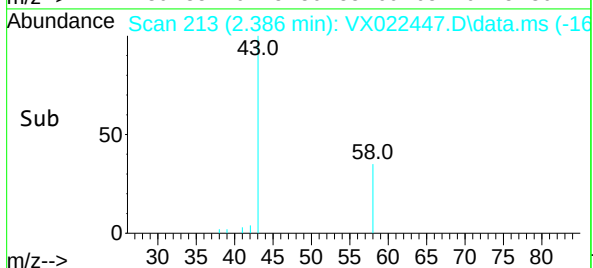
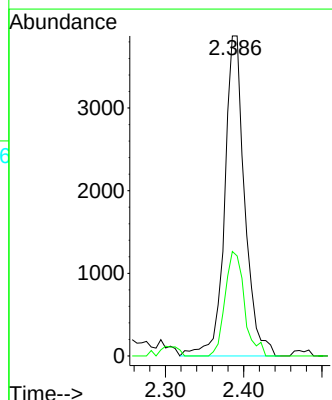
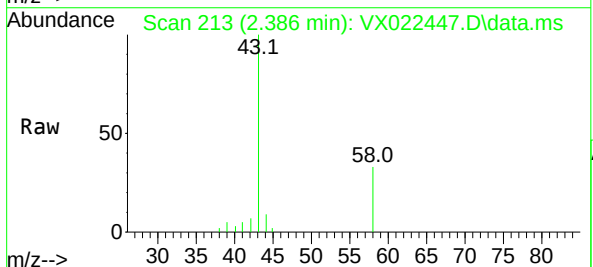
Instrument :
MSVOA_X
ClientSampleId :

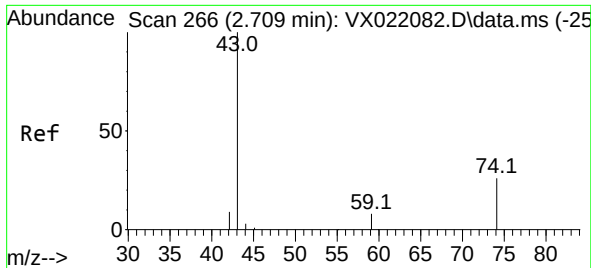
Tgt Ion: 56 Resp: 44
Ion Ratio Lower Upper
56 100
55 161.4 56.4 84.6#



#16
Acetone
Concen: 15.939 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022447.D
Acq: 05 Jun 2021 05:10

Tgt Ion: 43 Resp: 6908
Ion Ratio Lower Upper
43 100
58 32.6 27.8 41.8

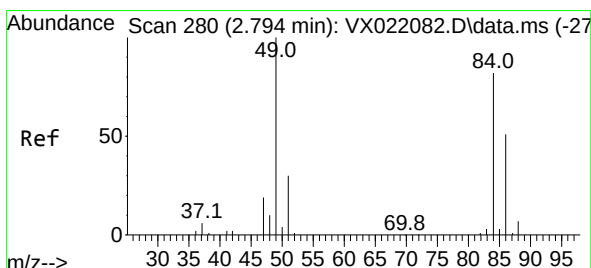
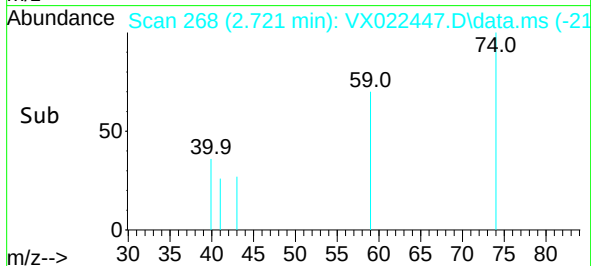
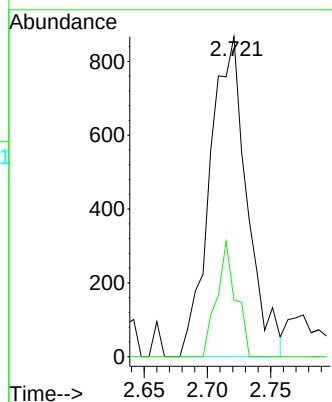
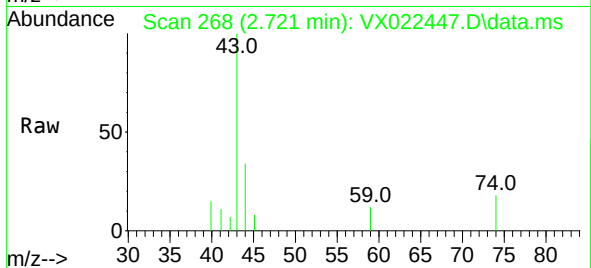




#18
Methyl Acetate
Concen: 1.533 ug/l
RT: 2.721 min Scan# 268
Delta R.T. 0.012 min
Lab File: VX022447.D
Acq: 05 Jun 2021 05:10

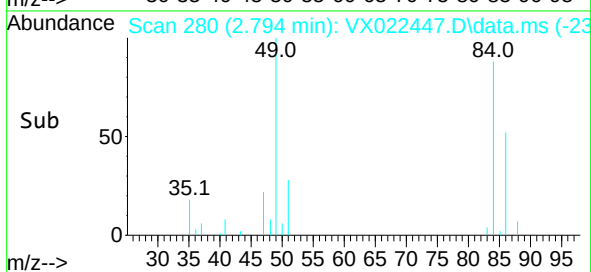
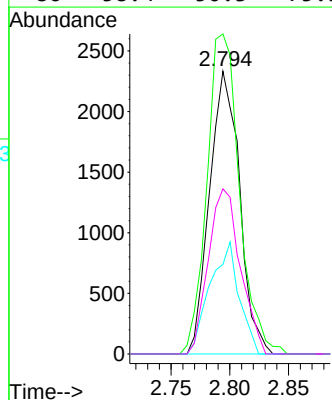
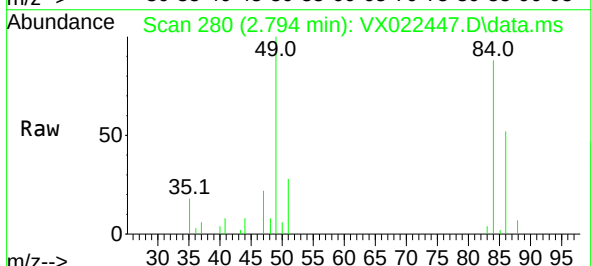
Instrument :
MSVOA_X
ClientSampled :

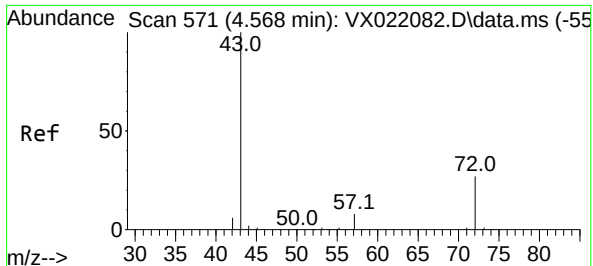
Tgt Ion: 43 Resp: 1767
Ion Ratio Lower Upper
43 100
74 18.5 21.9 32.9#



#20
Methylene Chloride
Concen: 4.318 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022447.D
Acq: 05 Jun 2021 05:10

Tgt Ion: 84 Resp: 4155
Ion Ratio Lower Upper
84 100
49 113.2 88.6 132.8
51 31.7 27.0 40.6
86 58.4 50.3 75.5

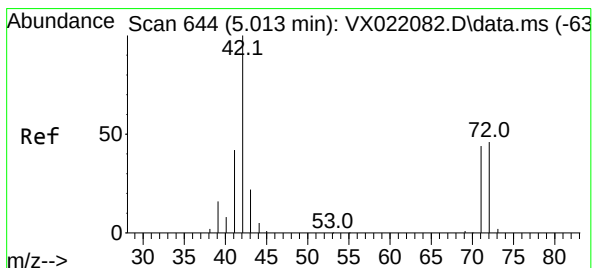
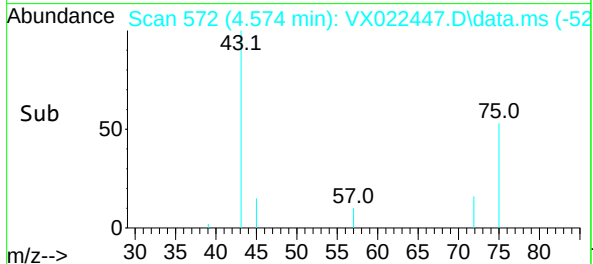
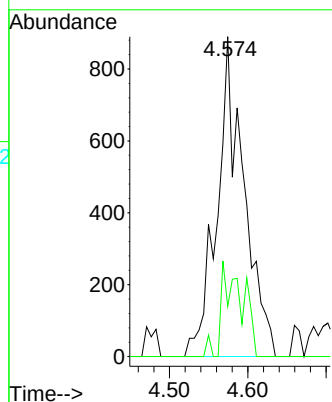
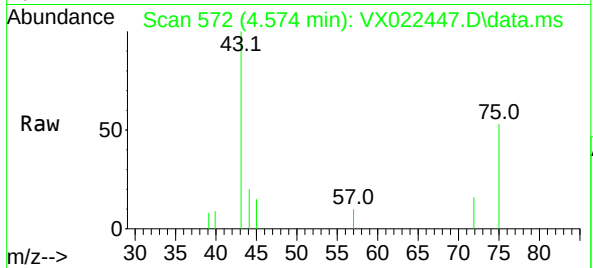




#25
2-Butanone
Concen: 3.036 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX022447.D
Acq: 05 Jun 2021 05:10

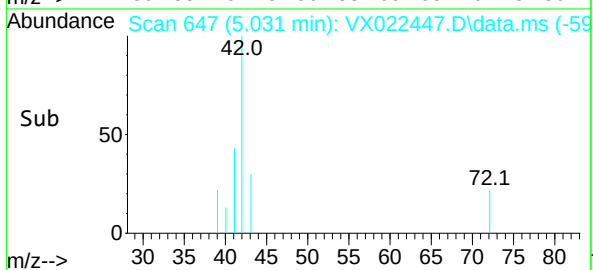
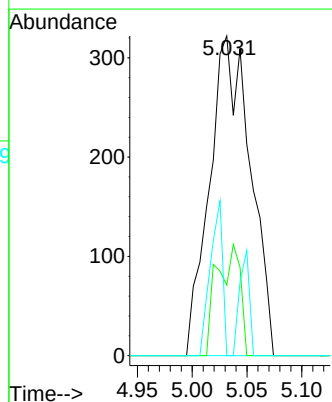
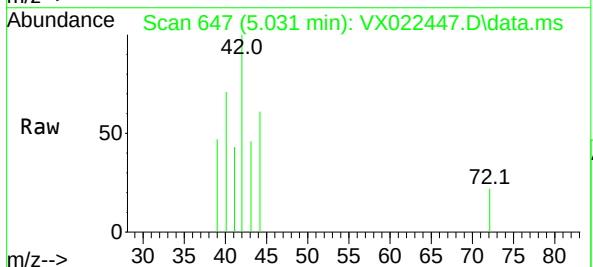
Instrument :
MSVOA_X
ClientSampled :

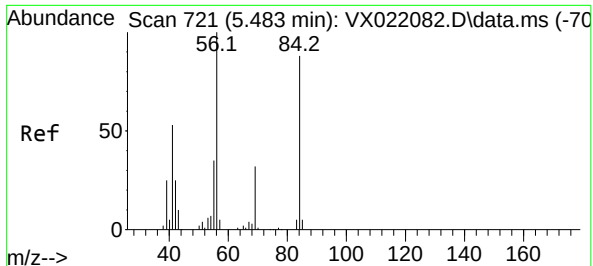
Tgt Ion: 43 Resp: 2129
Ion Ratio Lower Upper
43 100
72 15.7 23.7 35.5#



#29
Tetrahydrofuran
Concen: 1.998 ug/l
RT: 5.031 min Scan# 647
Delta R.T. 0.018 min
Lab File: VX022447.D
Acq: 05 Jun 2021 05:10

Tgt Ion: 42 Resp: 834
Ion Ratio Lower Upper
42 100
72 19.7 41.7 62.5#
71 14.5 38.4 57.6#

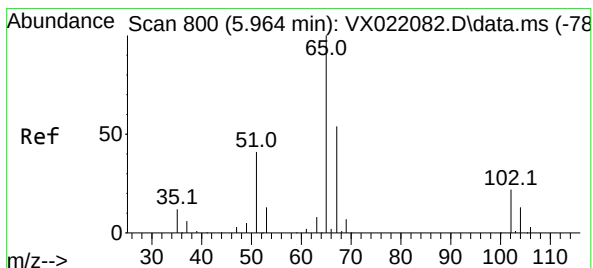
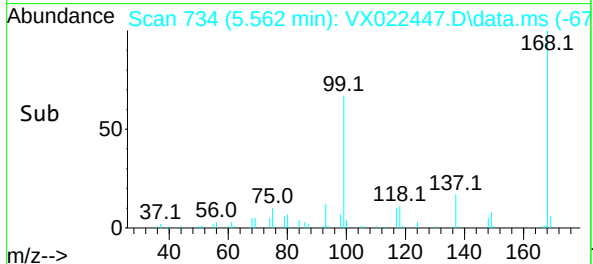
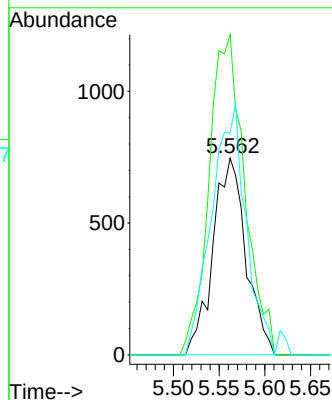
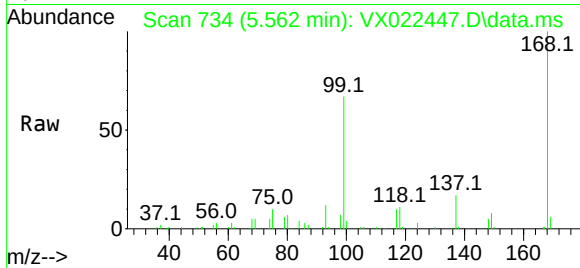




#31
Cyclohexane
Concen: 1.504 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.079 min
Lab File: VX022447.D
Acq: 05 Jun 2021 05:10

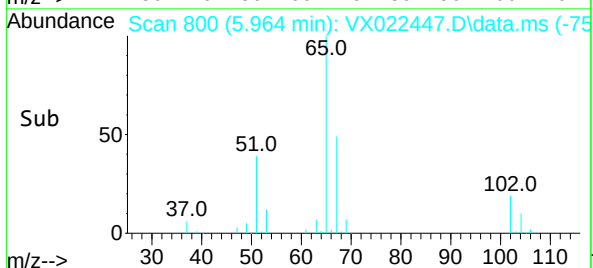
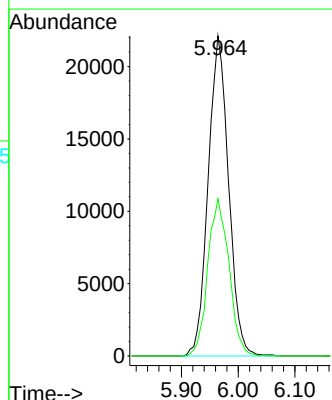
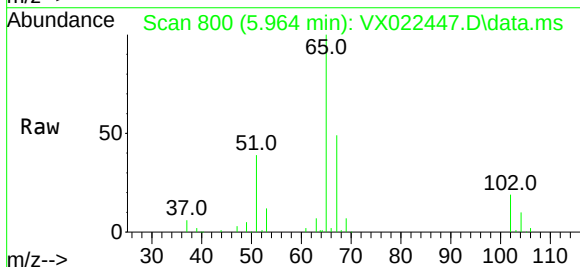
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MSVOA_X
ClientSampleId :

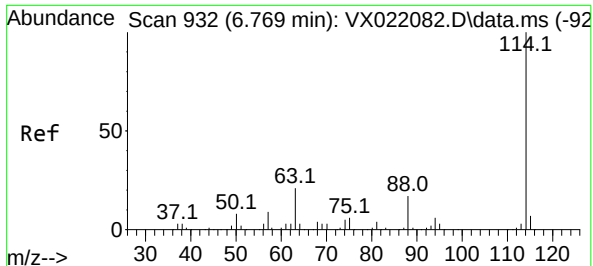
Tgt Ion: 56 Resp: 1881
Ion Ratio Lower Upper
56 100
69 162.9 25.3 37.9#
84 112.7 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 55.592 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022447.D
Acq: 05 Jun 2021 05:10

Tgt Ion: 65 Resp: 55333
Ion Ratio Lower Upper
65 100
67 50.8 0.0 105.4

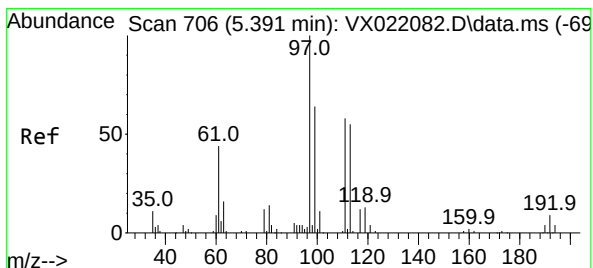
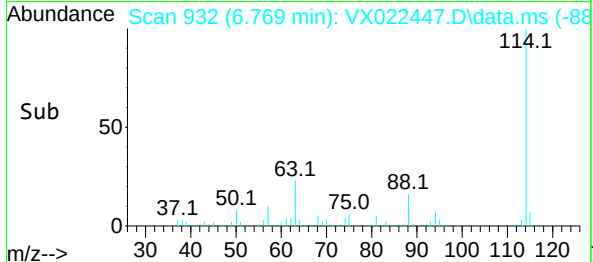
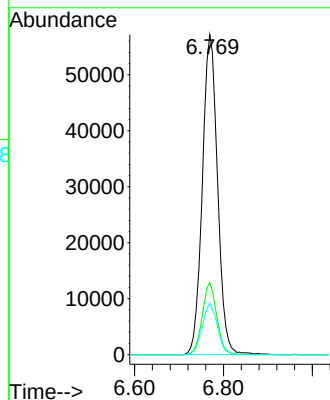
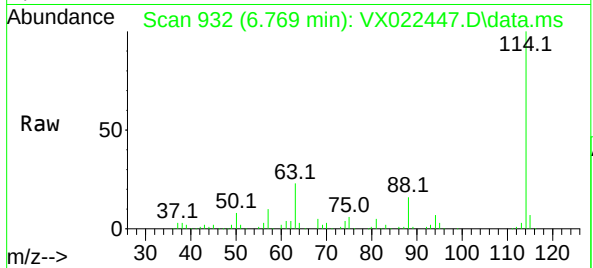




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022447.D
Acq: 05 Jun 2021 05:10

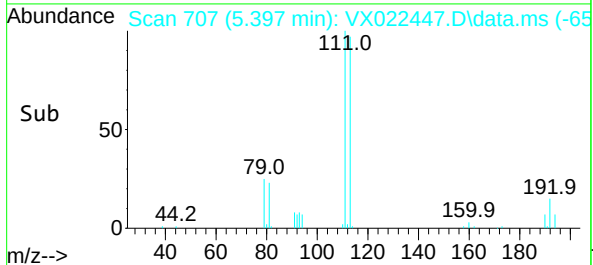
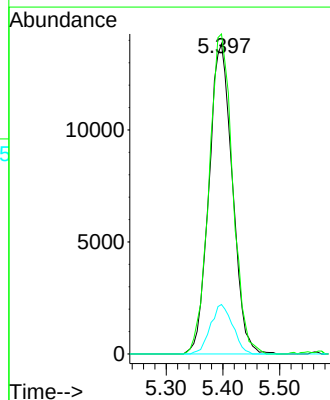
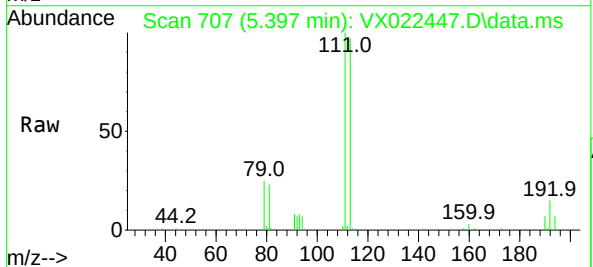
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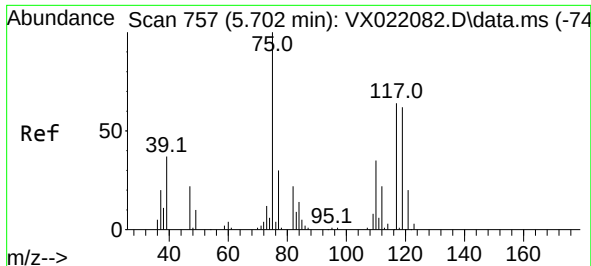
Tgt Ion:114 Resp: 136574
Ion Ratio Lower Upper
114 100
63 22.5 0.0 40.8
88 16.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 45.836 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022447.D
Acq: 05 Jun 2021 05:10

Tgt Ion:113 Resp: 39698
Ion Ratio Lower Upper
113 100
111 104.3 81.9 122.9
192 15.1 16.7 25.1#

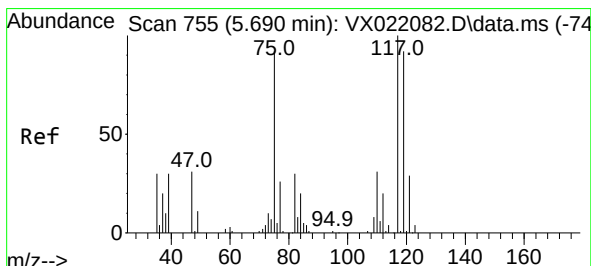
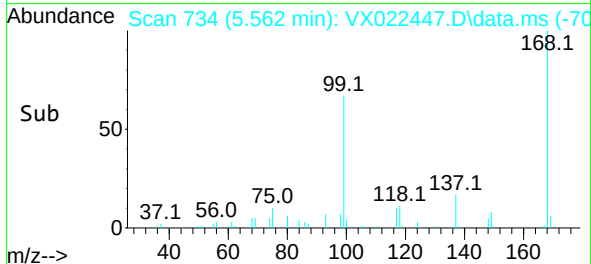
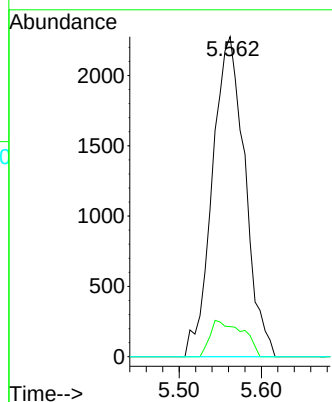
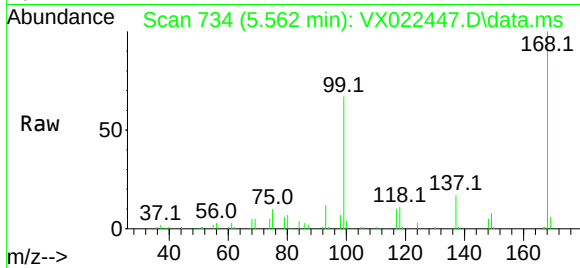




#36
1,1-Dichloropropene
Concen: 4.951 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX022447.D
Acq: 05 Jun 2021 05:10

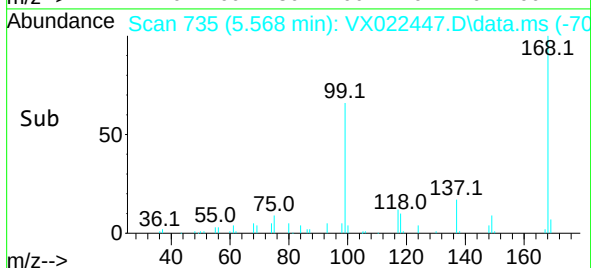
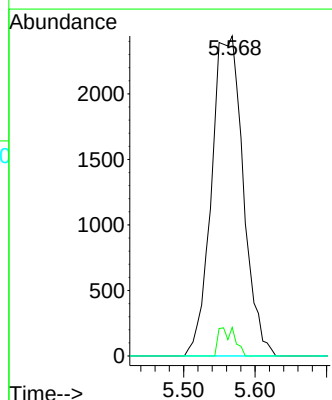
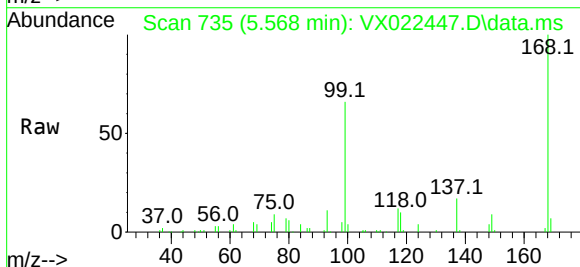
Instrument :
MSVOA_X
ClientSampleId :

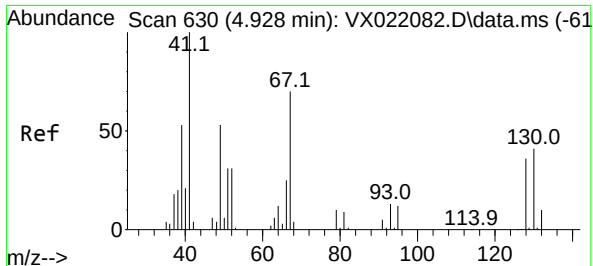
Tgt Ion: 75 Resp: 6252
Ion Ratio Lower Upper
75 100
110 11.4 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.065 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.122 min
Lab File: VX022447.D
Acq: 05 Jun 2021 05:10

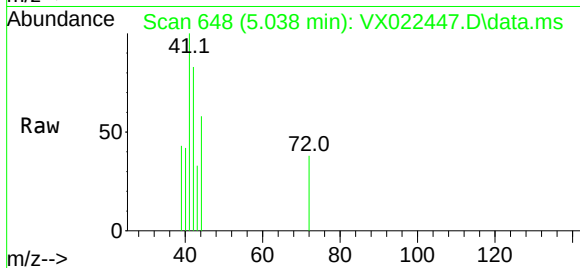
Tgt Ion: 117 Resp: 7493
Ion Ratio Lower Upper
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119 8.9 76.2 114.2#
121 0.0 24.8 37.2#



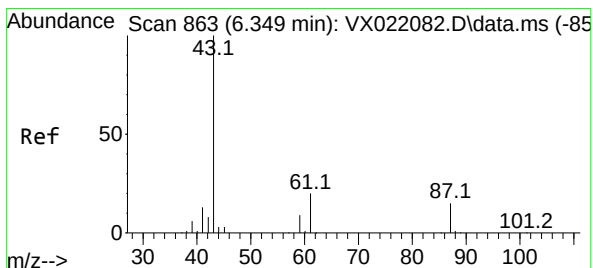
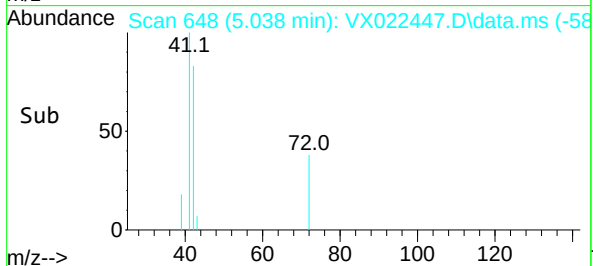
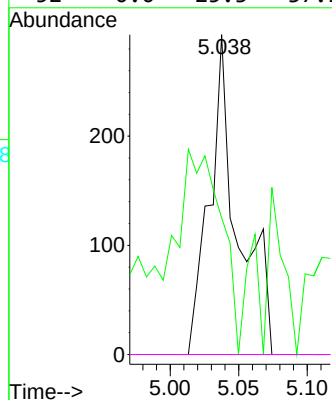


#41
Methacrylonitrile
Concen: 0.507 ug/l
RT: 5.038 min Scan# 648
Delta R.T. 0.110 min
Lab File: VX022447.D
Acq: 05 Jun 2021 05:10

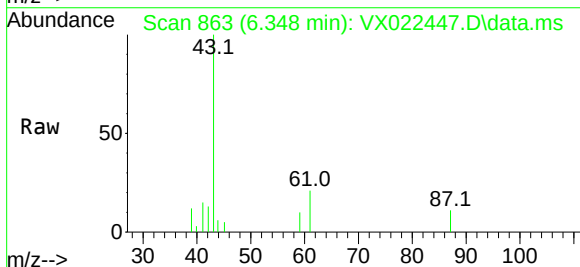
Instrument :
MSVOA_X
ClientSampled :



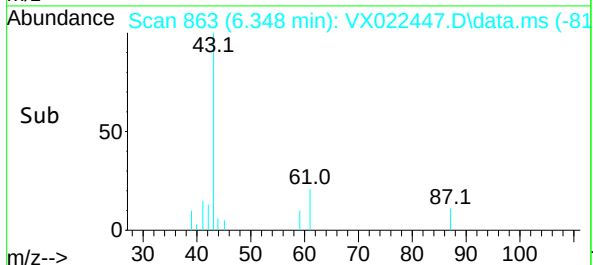
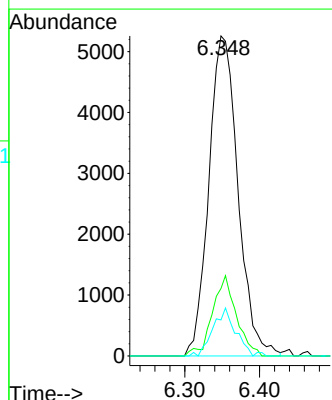
Tgt Ion:	41	Resp:	420
Ion	Ratio	Lower	Upper
41	100		
39	0.0	42.5	63.7#
67	0.0	65.0	97.6#
52	0.0	25.3	37.9#

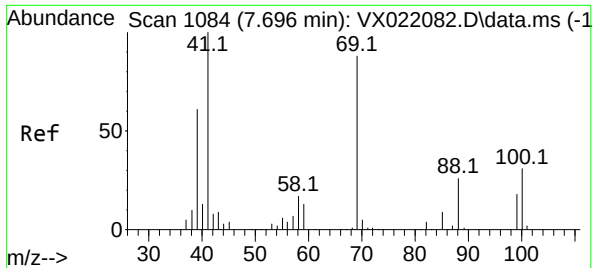


#43
Isopropyl Acetate
Concen: 5.623 ug/l
RT: 6.348 min Scan# 863
Delta R.T. -0.001 min
Lab File: VX022447.D
Acq: 05 Jun 2021 05:10



Tgt Ion:	43	Resp:	14239
Ion	Ratio	Lower	Upper
43	100		
61	20.6	18.2	27.4
87	11.8	12.5	18.7#

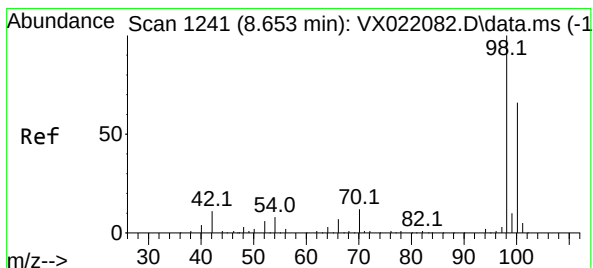
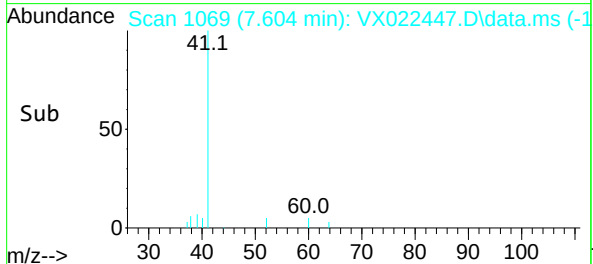
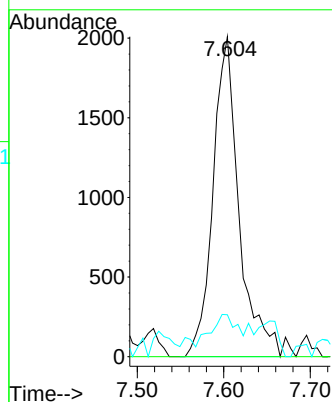
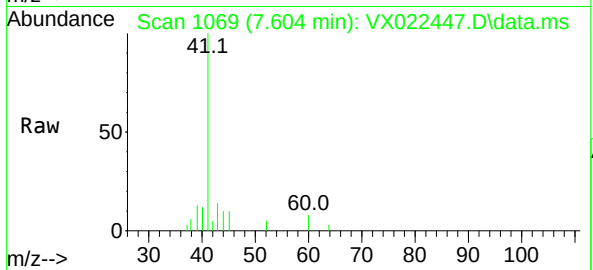




#48
Methyl methacrylate
Concen: 3.583 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. -0.092 min
Lab File: VX022447.D
Acq: 05 Jun 2021 05:10

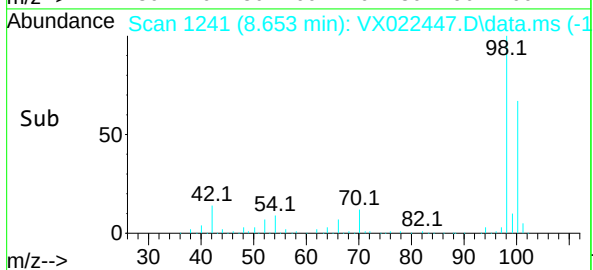
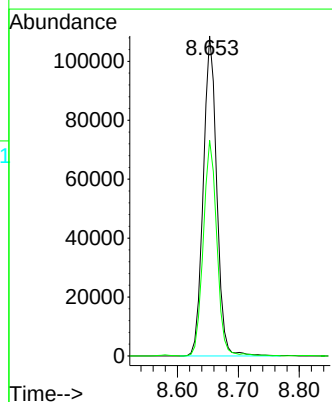
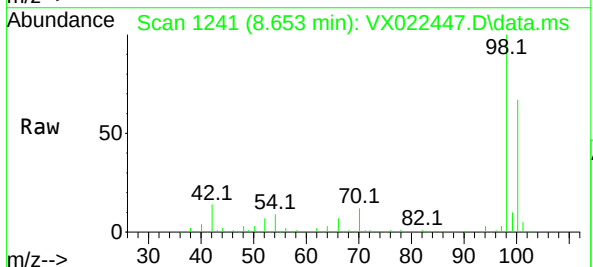
Instrument :
MSVOA_X
ClientSampleId :

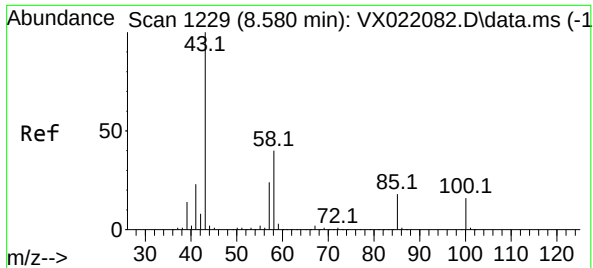
Tgt Ion: 41 Resp: 4181
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 0.0 44.6 67.0#



#50
Toluene-d8
Concen: 50.114 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022447.D
Acq: 05 Jun 2021 05:10

Tgt Ion: 98 Resp: 167194
Ion Ratio Lower Upper
98 100
100 68.0 51.9 77.9

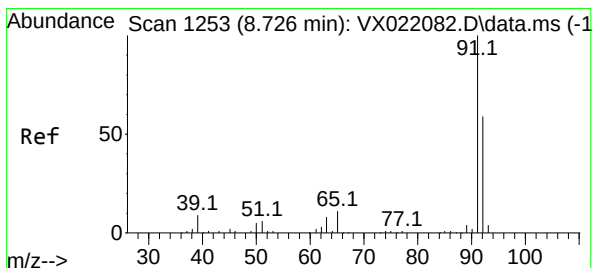
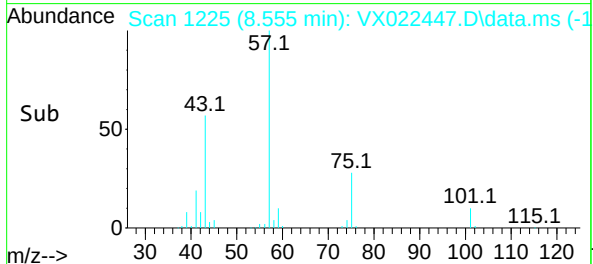
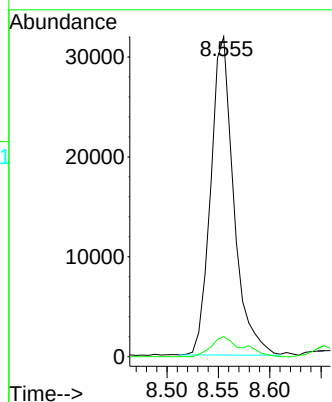
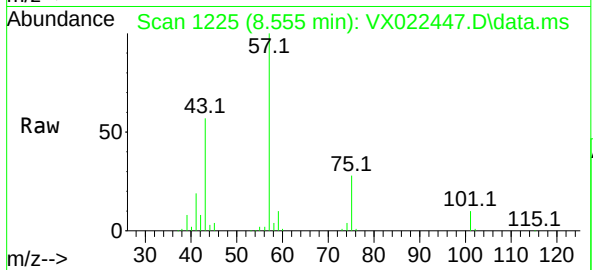




#51
4-Methyl-2-Pentanone
Concen: 32.691 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022447.D
Acq: 05 Jun 2021 05:10

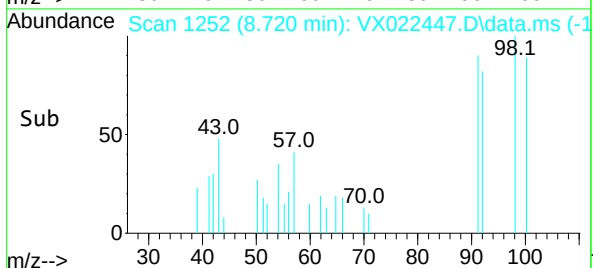
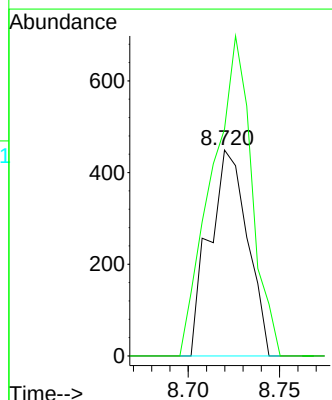
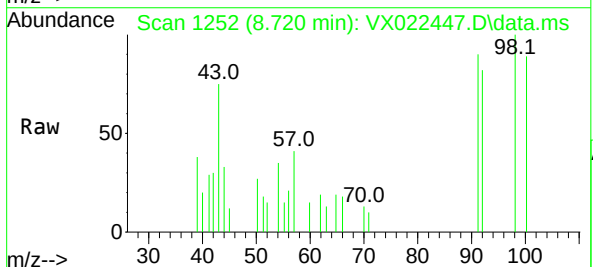
Instrument :
MSVOA_X
ClientSampled :

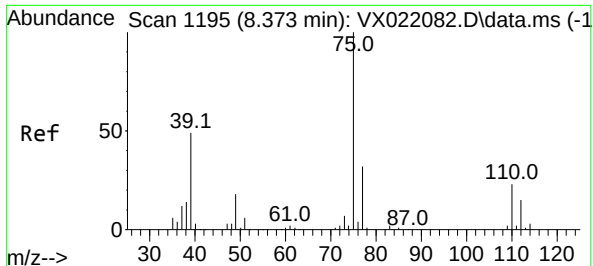
Tgt Ion: 43 Resp: 49587
Ion Ratio Lower Upper
43 100
58 8.4 35.4 53.0#



#52
Toluene
Concen: 0.265 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.006 min
Lab File: VX022447.D
Acq: 05 Jun 2021 05:10

Tgt Ion: 92 Resp: 653
Ion Ratio Lower Upper
92 100
91 162.0 137.1 205.7

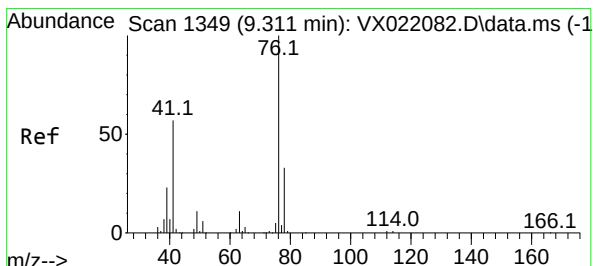
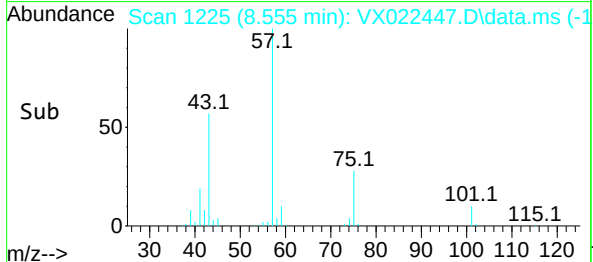
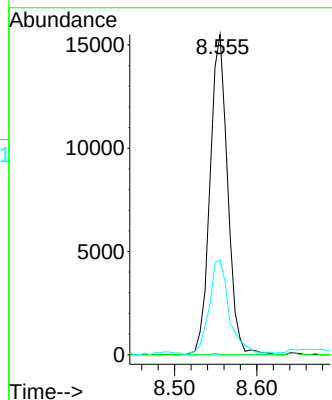
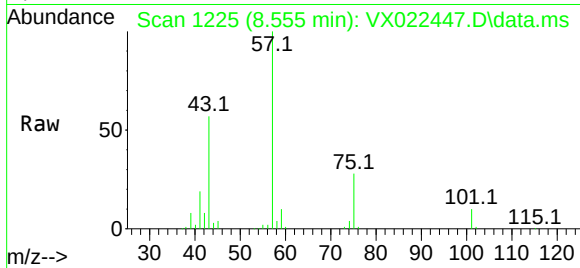




#54
 cis-1,3-Dichloropropene
 Concen: 13.795 ug/l
 RT: 8.555 min Scan# 1225
 Delta R.T. 0.182 min
 Lab File: VX022447.D
 Acq: 05 Jun 2021 05:10

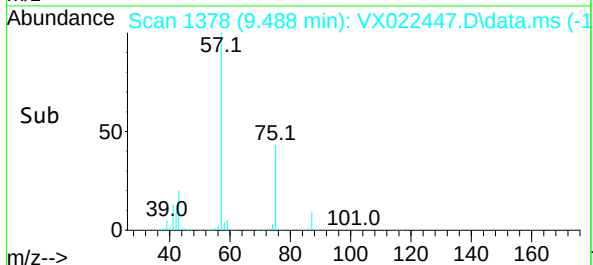
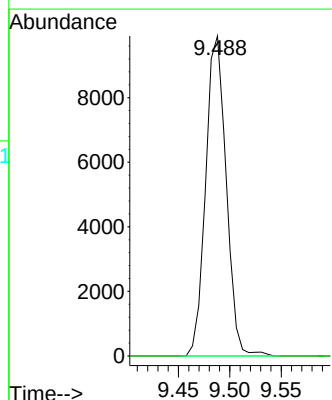
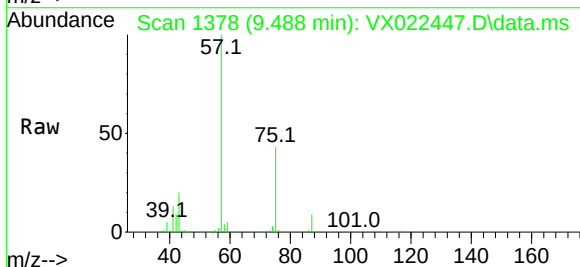
Instrument :
 MSVOA_X
 ClientSampleId :

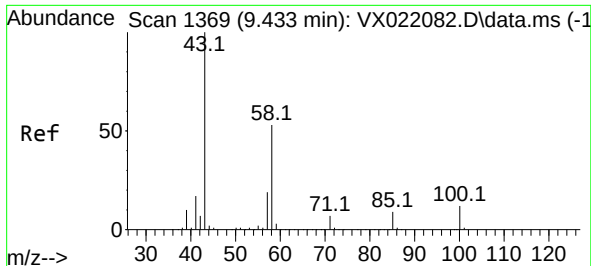
Tgt Ion: 75 Resp: 23038
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.7 38.5#
 39 28.9 35.1 52.7#



#57
 1,3-Dichloropropane
 Concen: 8.065 ug/l
 RT: 9.488 min Scan# 1378
 Delta R.T. 0.177 min
 Lab File: VX022447.D
 Acq: 05 Jun 2021 05:10

Tgt Ion: 76 Resp: 13756
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.2 39.2#

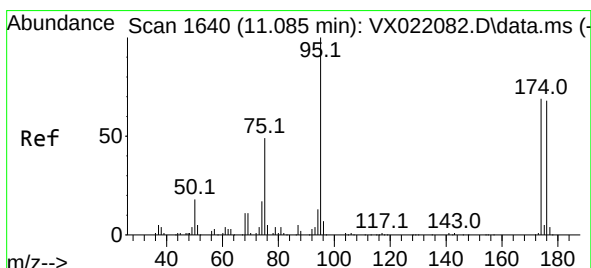
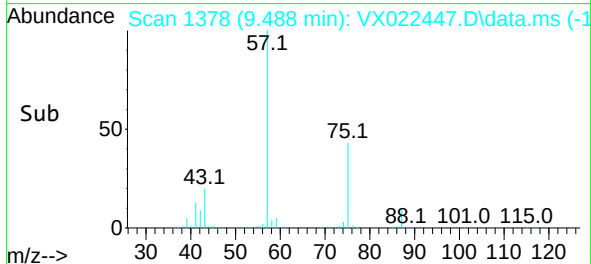
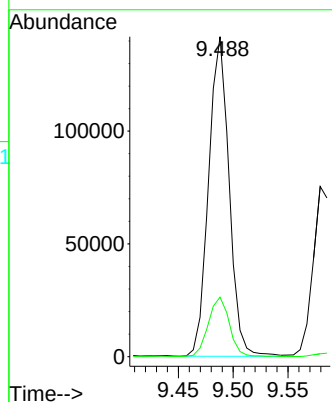
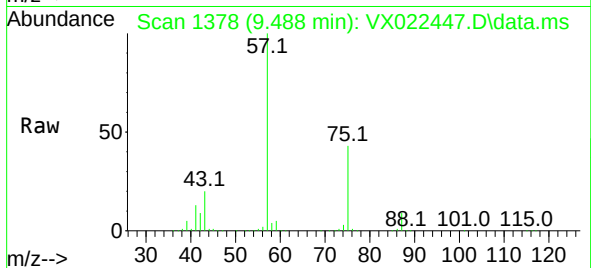




#59
2-Hexanone
Concen: 161.378 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX022447.D
Acq: 05 Jun 2021 05:10

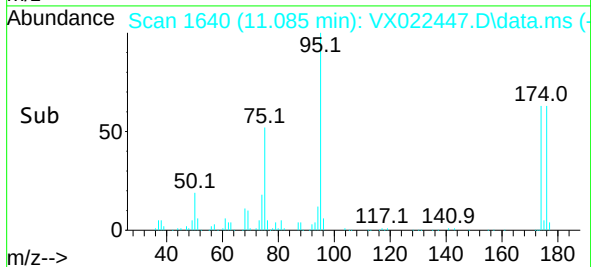
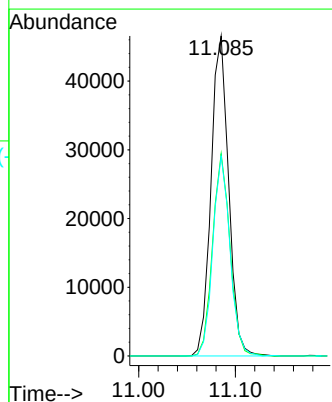
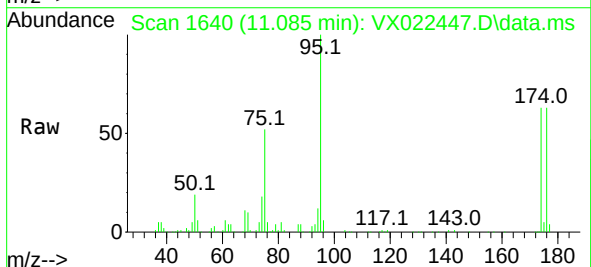
Instrument :
MSVOA_X
ClientSampled :

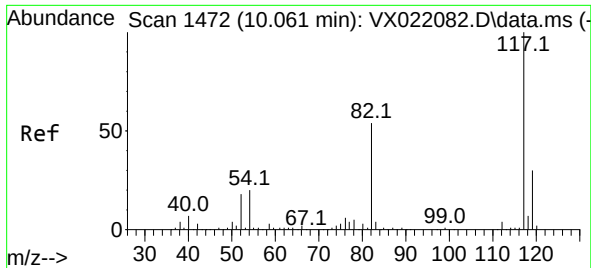
Tgt Ion: 43 Resp: 184102
Ion Ratio Lower Upper
43 100
58 19.1 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 47.734 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022447.D
Acq: 05 Jun 2021 05:10

Tgt Ion: 95 Resp: 58863
Ion Ratio Lower Upper
95 100
174 62.5 0.0 154.6
176 60.6 0.0 155.8

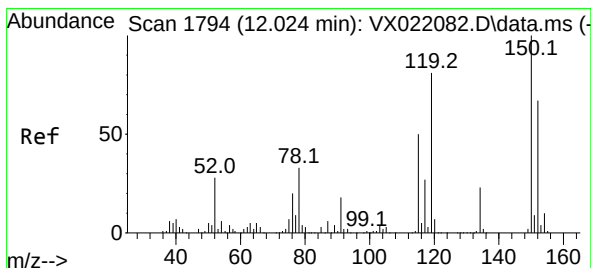
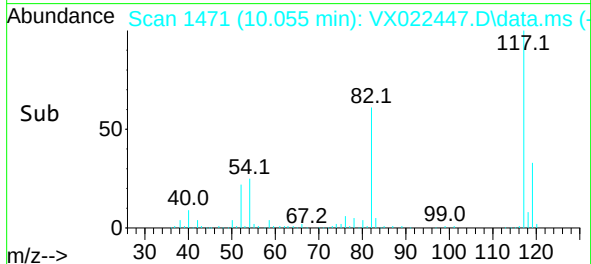
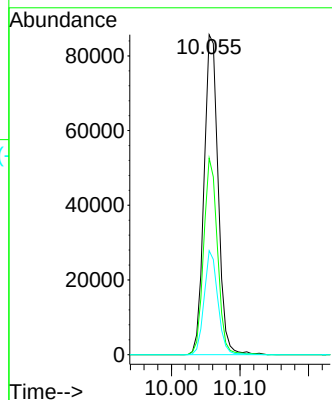
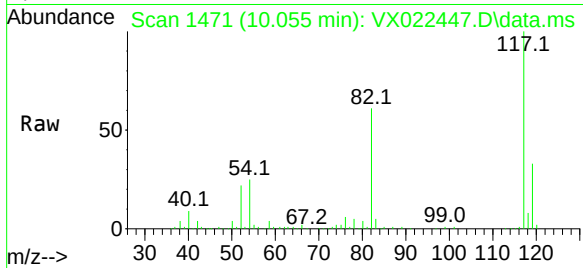




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022447.D
Acq: 05 Jun 2021 05:10

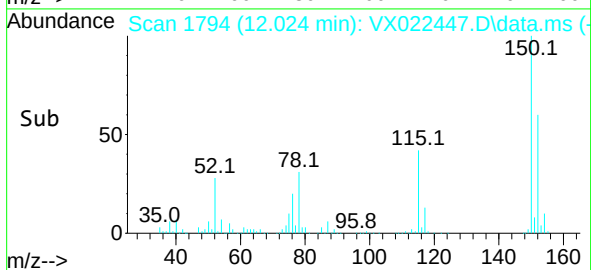
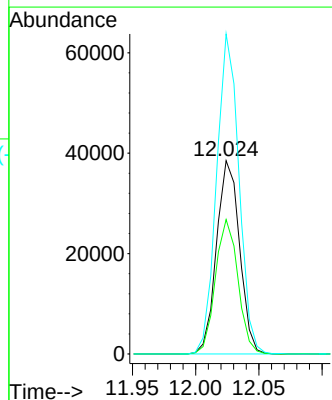
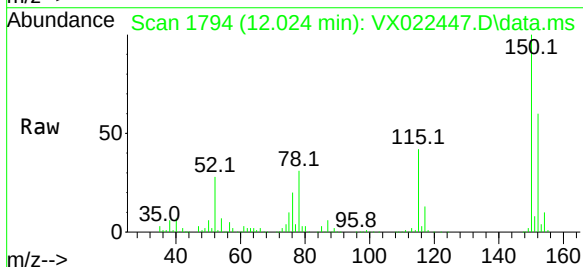
Instrument :
MSVOA_X
ClientSampleId :

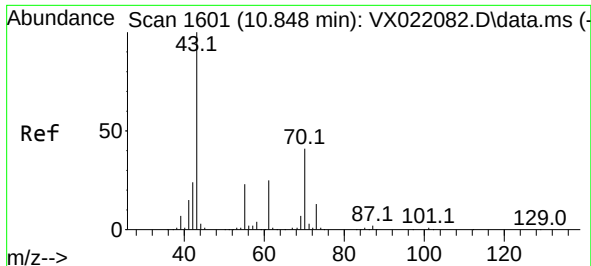
Tgt Ion:117 Resp: 122875
Ion Ratio Lower Upper
117 100
82 61.5 47.4 71.2
119 32.5 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022447.D
Acq: 05 Jun 2021 05:10

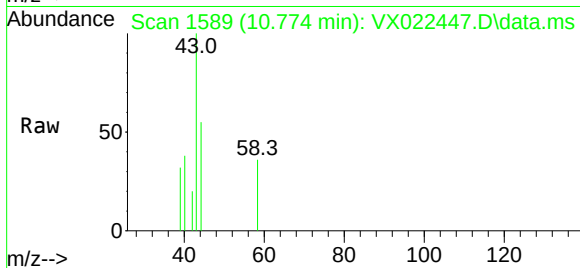
Tgt Ion:152 Resp: 48663
Ion Ratio Lower Upper
152 100
115 68.0 41.1 123.3
150 160.8 0.0 349.0



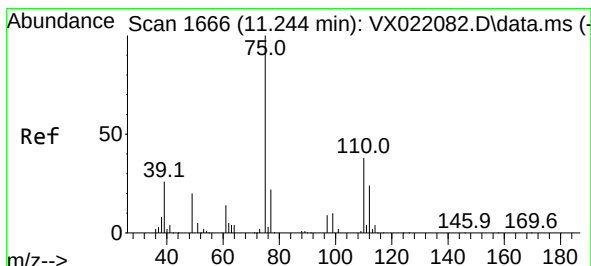
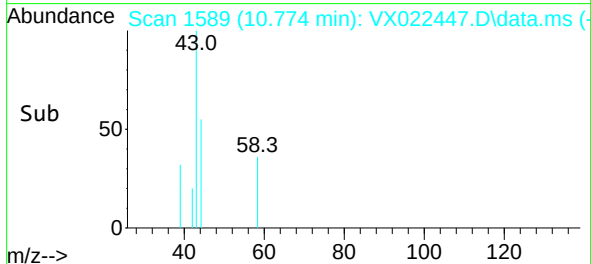
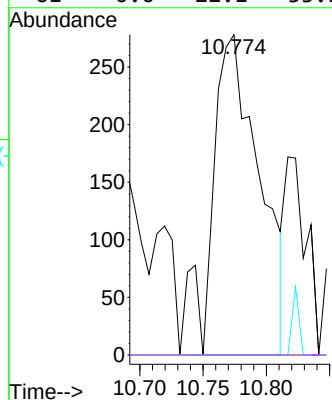


#74
N-amy1 acetate
Concen: 0.370 ug/l
RT: 10.774 min Scan# 1589
Delta R.T. -0.074 min
Lab File: VX022447.D
Acq: 05 Jun 2021 05:10

Instrument :
MSVOA_X
ClientSampled :

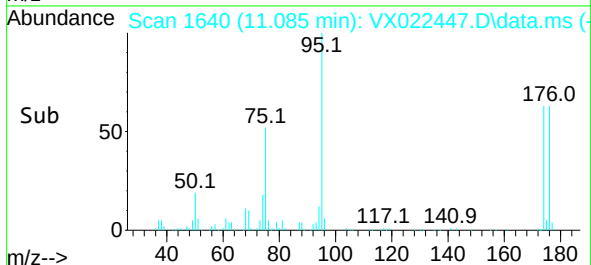
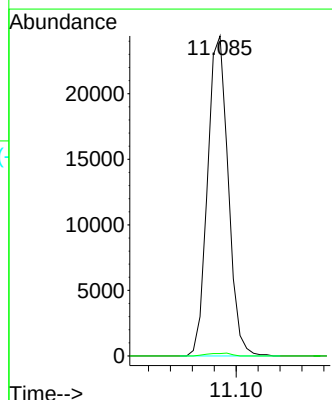
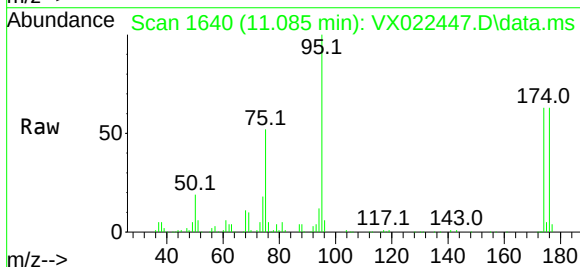


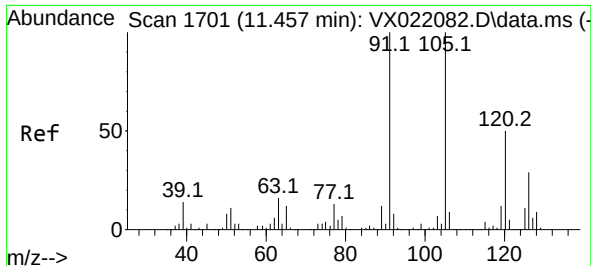
Tgt Ion: 43	Resp: 724
Ion Ratio	Lower Upper
43 100	
70 0.0	39.0 58.6#
55 0.0	21.5 32.3#
61 0.0	22.1 33.1#



#76
1,2,3-Trichloropropane
Concen: 26.540 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022447.D
Acq: 05 Jun 2021 05:10

Tgt Ion: 75	Resp: 31862
Ion Ratio	Lower Upper
75 100	
77 1.0	19.1 57.5#

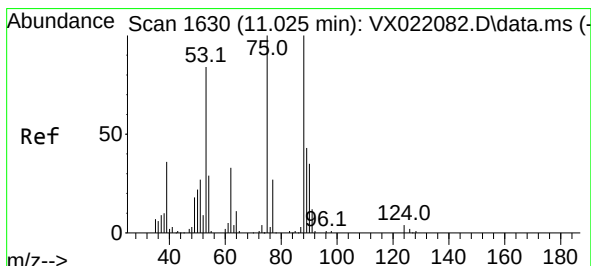
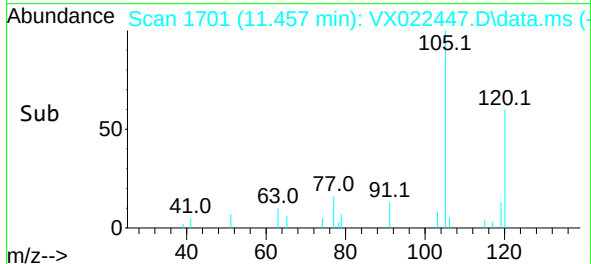
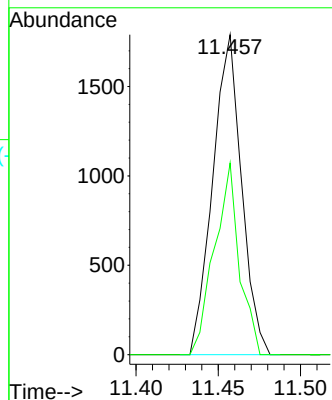
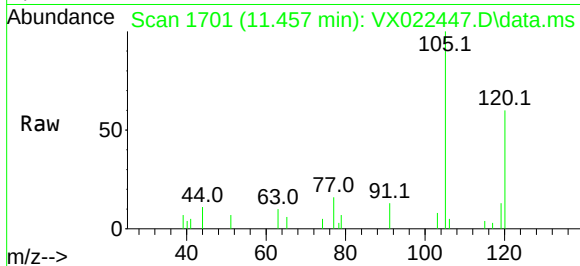




#80
1,3,5-Trimethylbenzene
Concen: 0.639 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX022447.D
Acq: 05 Jun 2021 05:10

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion:105 Resp: 2182
Ion Ratio Lower Upper
105 100
120 51.6 23.8 71.5



#81
trans-1,4-Dichloro-2-butene
Concen: 62.883 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022447.D
Acq: 05 Jun 2021 05:10

Tgt Ion: 75 Resp: 31862
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#

