

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070121\
 Data File : VX023087.D
 Acq On : 01 Jul 2021 16:03
 Operator : JC/MD
 Sample : M2892-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6

Quant Time: Jul 02 04:30:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 19:12:26 2021
 Response via : Initial Calibration

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

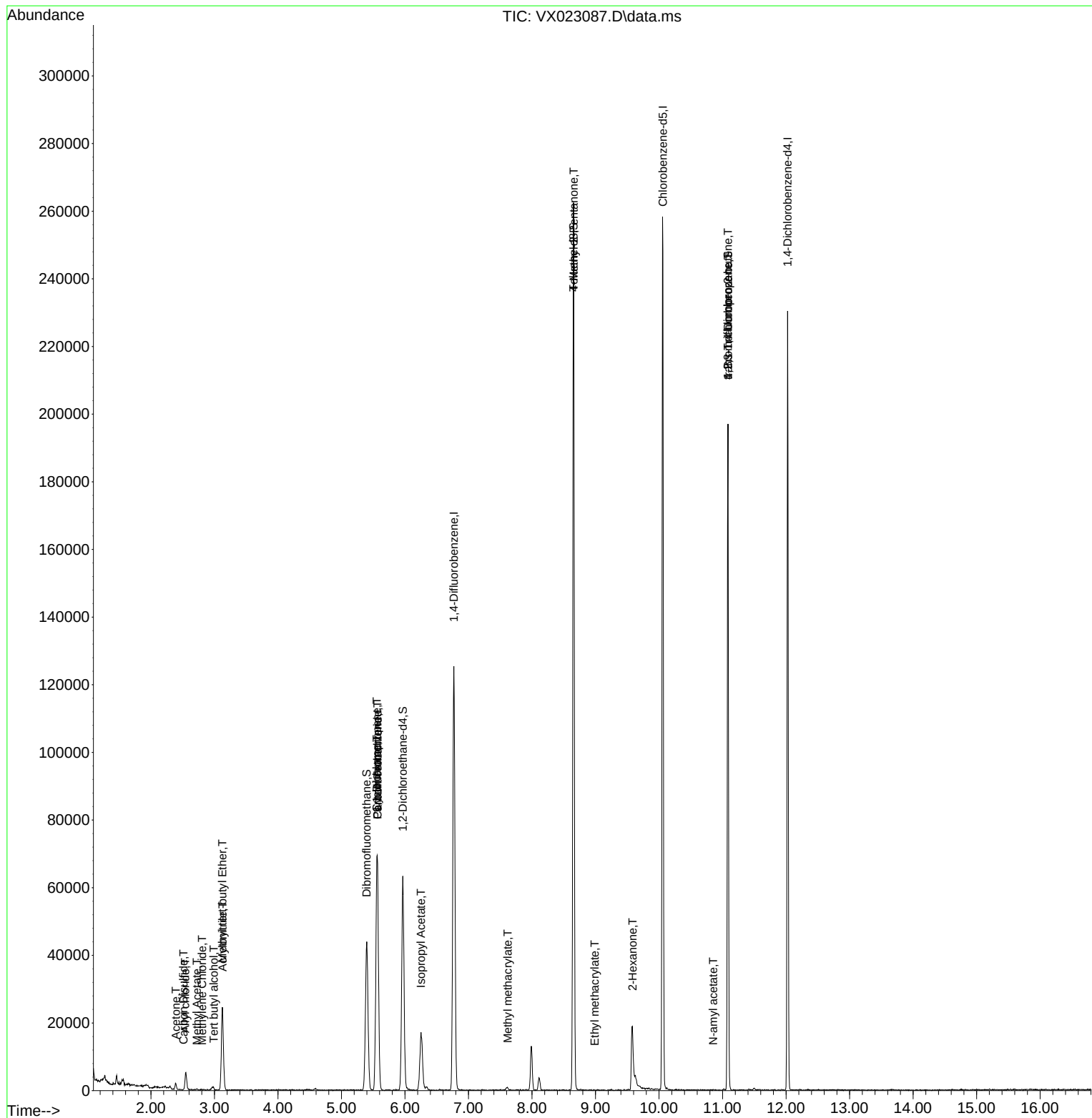
Internal Standards						
1) Pentafluorobenzene	5.568	168	53330	50.000	ug/l	# 0.01
34) 1,4-Difluorobenzene	6.769	114	112283	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	100940	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	37163	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	58851	60.807	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	121.620%#
35) Dibromofluoromethane	5.397	113	36311	50.925	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.860%
50) Toluene-d8	8.653	98	138700	49.634	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.260%
62) 4-Bromofluorobenzene	11.085	95	51082	48.980	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.960%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.989	59	1068	5.295	ug/l	# 80
14) Allyl chloride	2.538	41	635	0.483	ug/l	# 46
15) Acrylonitrile	3.129	53	309	0.670	ug/l	# 24
16) Acetone	2.392	43	2100	4.894	ug/l	89
17) Carbon Disulfide	2.514	76	101	3.565	ug/l	# 75
18) Methyl Acetate	2.721	43	338	0.320	ug/l	# 47
19) Methyl tert-butyl Ether	3.123	73	24273	9.783	ug/l	99
20) Methylene Chloride	2.806	84	19	0.394	ug/l	# 34
31) Cyclohexane	5.556	56	2065	1.511	ug/l	# 35
36) 1,1-Dichloropropene	5.556	75	6525	5.471	ug/l	# 46
38) Carbon Tetrachloride	5.568	117	7223	7.221	ug/l	# 12
43) Isopropyl Acetate	6.251	43	3959	1.782	ug/l	# 57
48) Methyl methacrylate	7.616	41	351	0.341	ug/l	# 17
51) 4-Methyl-2-Pentanone	8.659	43	873	0.632	ug/l	# 1
56) Ethyl methacrylate	8.988	69	20	2.592	ug/l	# 1
59) 2-Hexanone	9.585	43	6992	6.667	ug/l	# 49
74) N-amyl acetate	10.854	43	53	2.084	ug/l	# 38
76) 1,2,3-Trichloropropane	11.085	75	30400	30.969	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	30400	79.267	ug/l	# 12

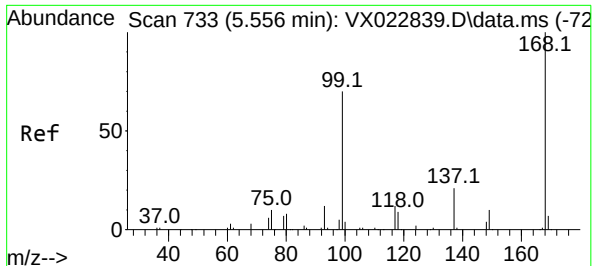
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
ClientSampleId :
MW-6

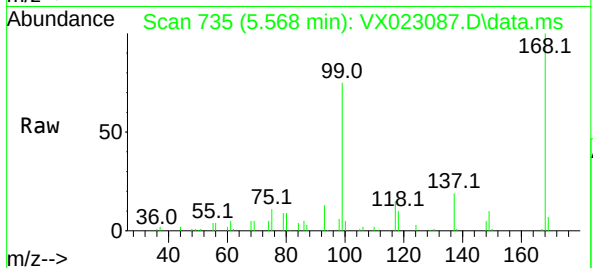
Quant Time: Jul 02 04:30:31 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 23 19:12:26 2021
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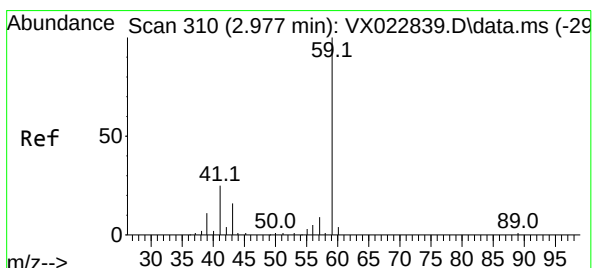
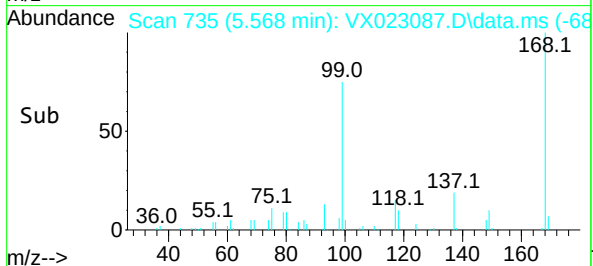
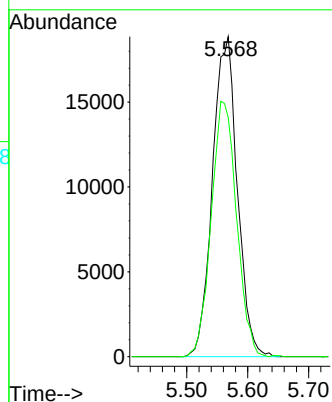


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.012 min
Lab File: VX023087.D
Acq: 01 Jul 2021 16:03

Instrument :
MSVOA_X
ClientSampled :
MW-6

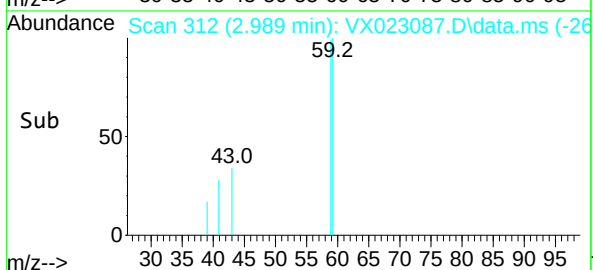
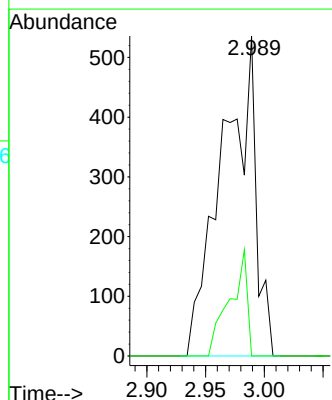
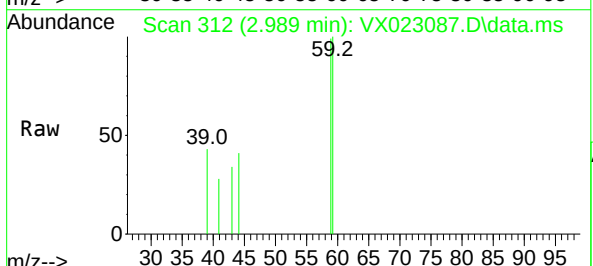


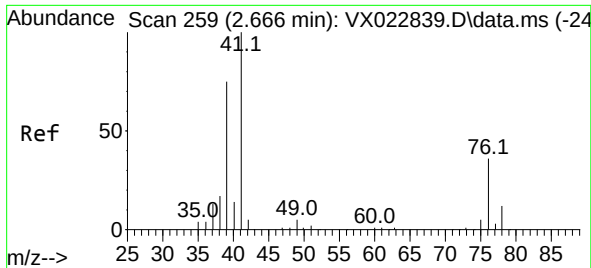
Tgt Ion:168 Resp: 53330
Ion Ratio Lower Upper
168 100
99 74.8 45.8 68.6#



#11
Tert butyl alcohol
Concen: 5.295 ug/l
RT: 2.989 min Scan# 312
Delta R.T. 0.012 min
Lab File: VX023087.D
Acq: 01 Jul 2021 16:03

Tgt Ion: 59 Resp: 1068
Ion Ratio Lower Upper
59 100
57 17.1 7.8 11.8#

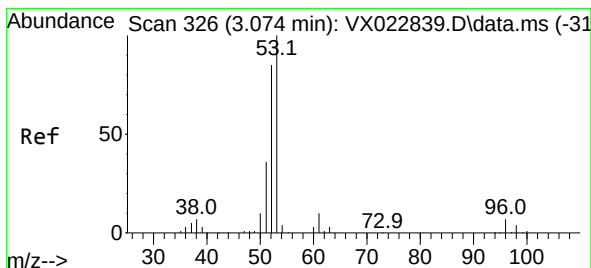
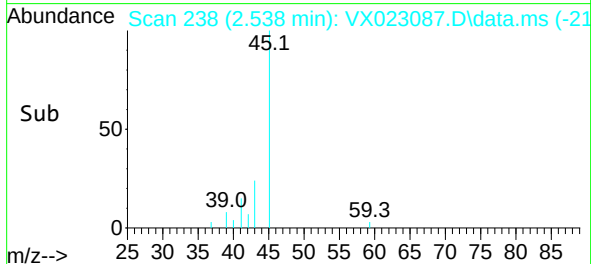
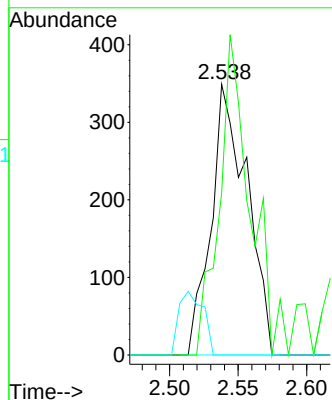
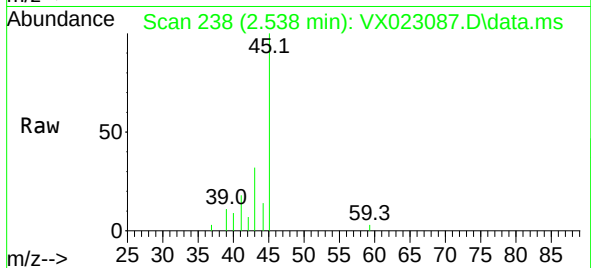




#14
 Allyl chloride
 Concen: 0.483 ug/l
 RT: 2.538 min Scan# 238
 Delta R.T. -0.128 min
 Lab File: VX023087.D
 Acq: 01 Jul 2021 16:03

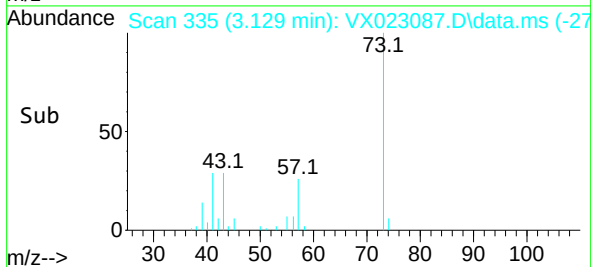
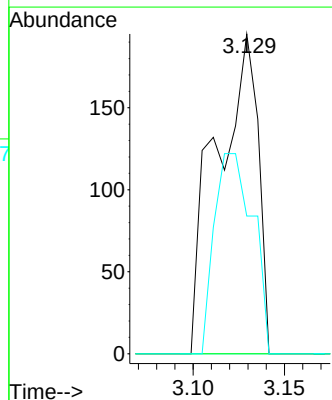
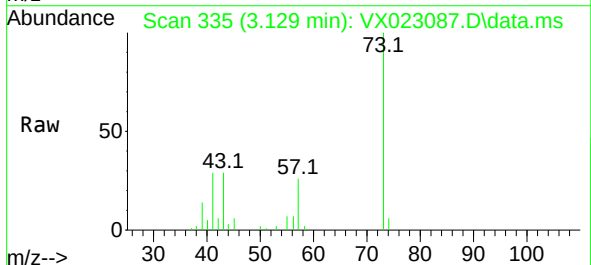
Instrument :
 MSVOA_X
 ClientSampled :
 MW-6

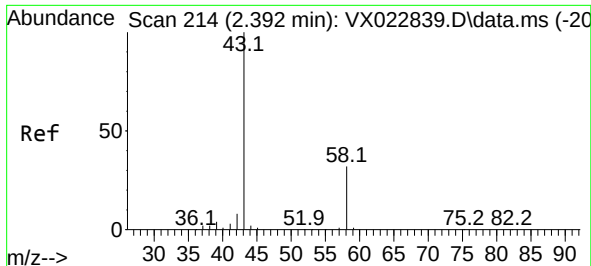
Tgt Ion: 41 Resp: 635
 Ion Ratio Lower Upper
 41 100
 39 102.5 51.6 77.4#
 76 0.0 30.5 45.7#



#15
 Acrylonitrile
 Concen: 0.670 ug/l
 RT: 3.129 min Scan# 335
 Delta R.T. 0.055 min
 Lab File: VX023087.D
 Acq: 01 Jul 2021 16:03

Tgt Ion: 53 Resp: 309
 Ion Ratio Lower Upper
 53 100
 52 0.0 65.3 97.9#
 51 57.9 28.2 42.2#

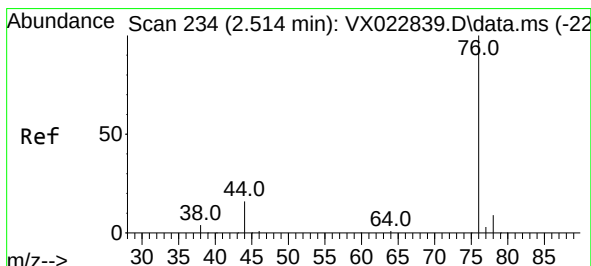
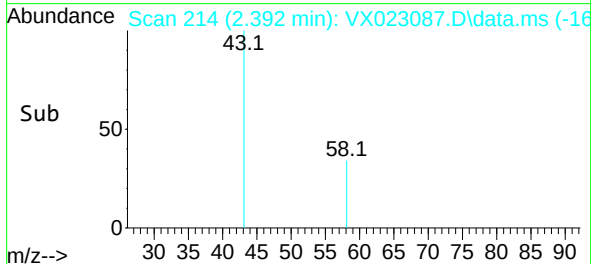
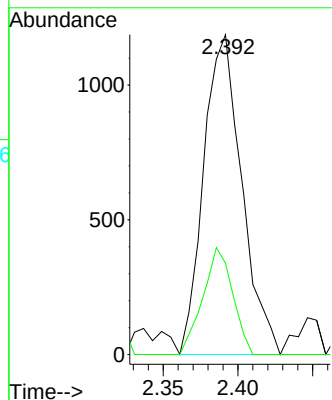
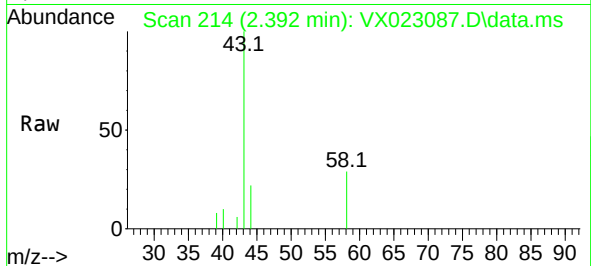




#16
Acetone
Concen: 4.894 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX023087.D
Acq: 01 Jul 2021 16:03

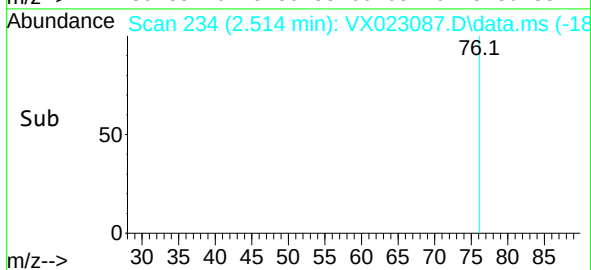
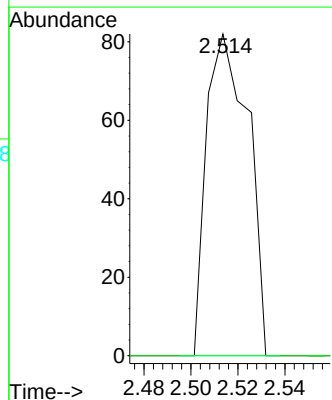
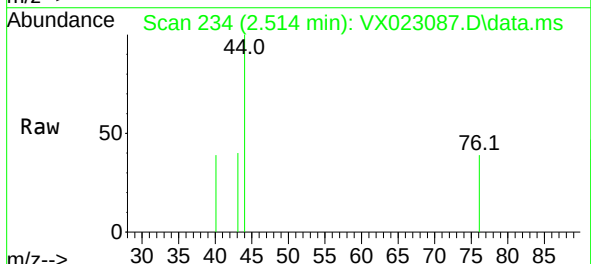
Instrument :
MSVOA_X
ClientSampled :
MW-6

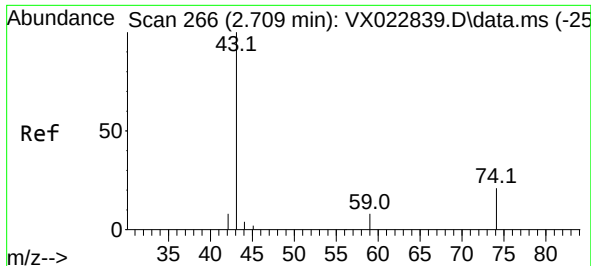
Tgt Ion: 43 Resp: 2100
Ion Ratio Lower Upper
43 100
58 28.6 27.8 41.8



#17
Carbon Disulfide
Concen: 3.565 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX023087.D
Acq: 01 Jul 2021 16:03

Tgt Ion: 76 Resp: 101
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

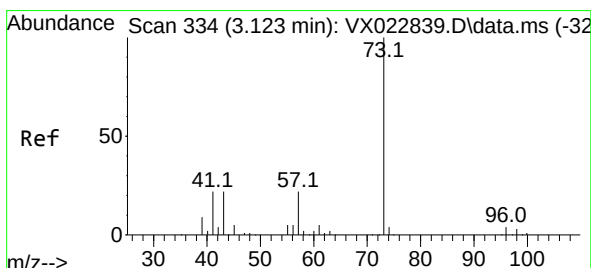
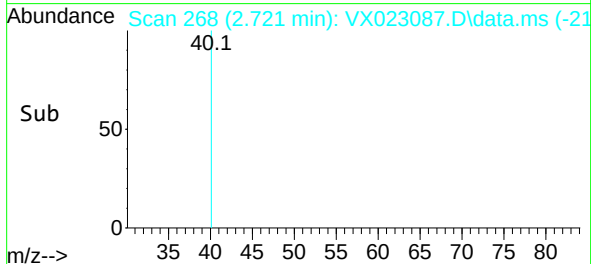
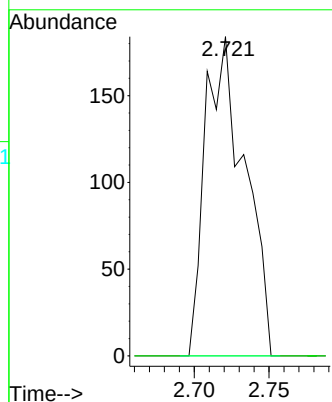
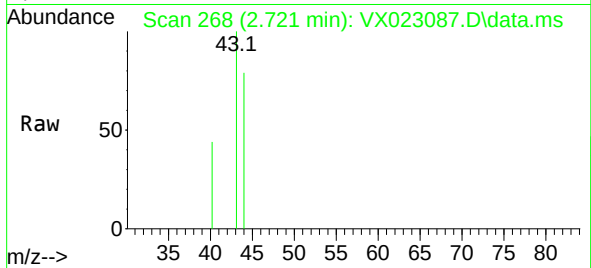




#18
Methyl Acetate
Concen: 0.320 ug/l
RT: 2.721 min Scan# 268
Delta R.T. 0.012 min
Lab File: VX023087.D
Acq: 01 Jul 2021 16:03

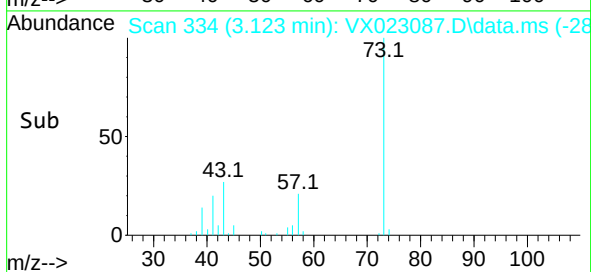
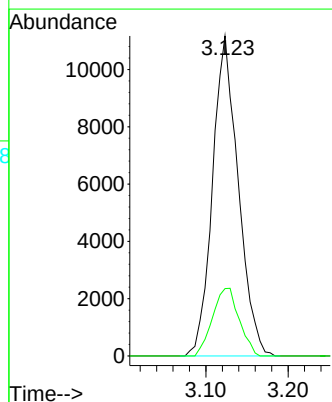
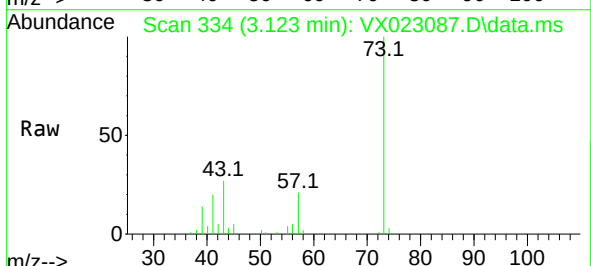
Instrument :
MSVOA_X
ClientSampled :
MW-6

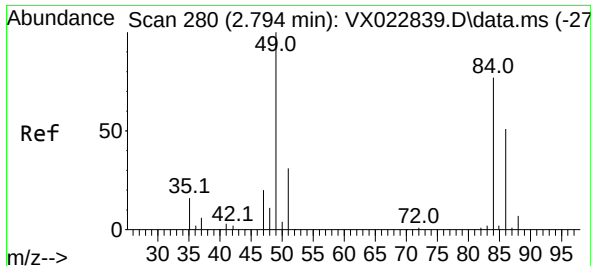
Tgt Ion: 43 Resp: 338
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



#19
Methyl tert-butyl Ether
Concen: 9.783 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.000 min
Lab File: VX023087.D
Acq: 01 Jul 2021 16:03

Tgt Ion: 73 Resp: 24273
Ion Ratio Lower Upper
73 100
57 21.1 17.1 25.7

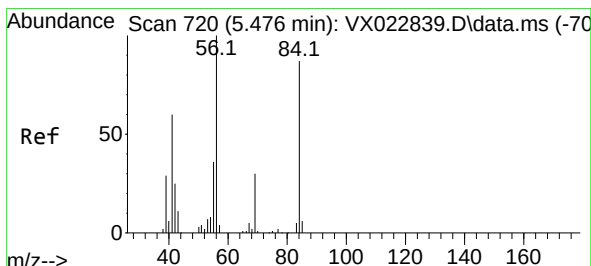
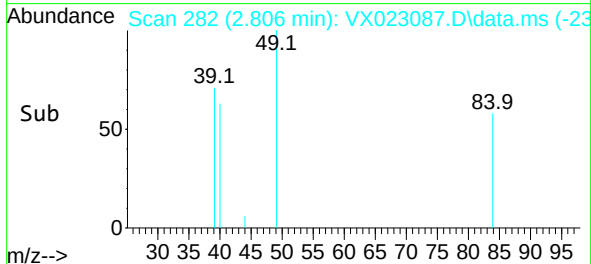
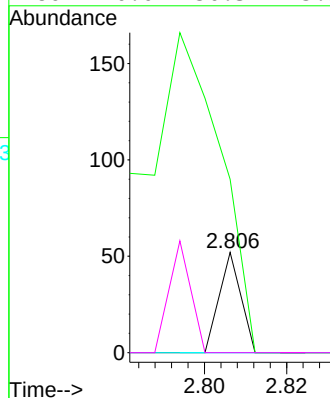
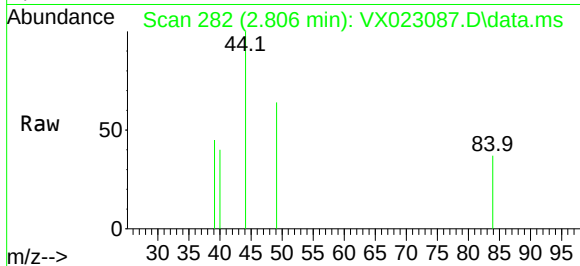




#20
Methylene Chloride
Concen: 0.394 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.012 min
Lab File: VX023087.D
Acq: 01 Jul 2021 16:03

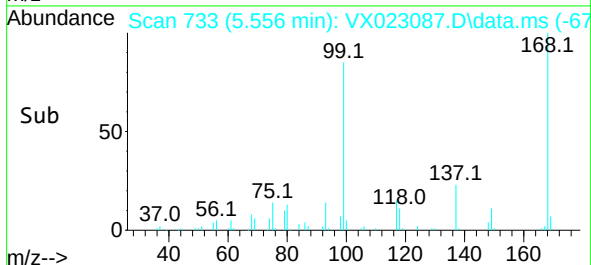
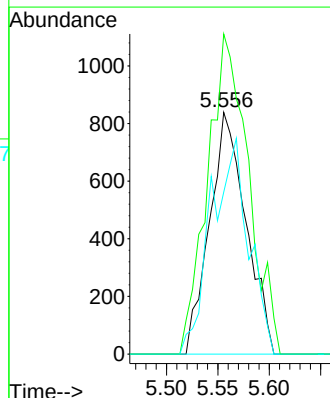
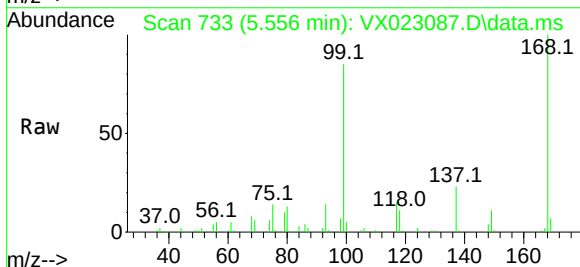
Instrument :
MSVOA_X
ClientSampleId :
MW-6

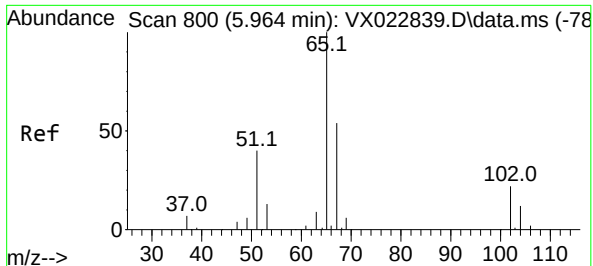
Tgt Ion:	84	Resp:	19
Ion	Ratio	Lower	Upper
84	100		
49	173.1	88.6	132.8#
51	0.0	27.0	40.6#
86	0.0	50.3	75.5#



#31
Cyclohexane
Concen: 1.511 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.080 min
Lab File: VX023087.D
Acq: 01 Jul 2021 16:03

Tgt Ion:	56	Resp:	2065
Ion	Ratio	Lower	Upper
56	100		
69	132.4	25.3	37.9#
84	67.0	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 60.807 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX023087.D

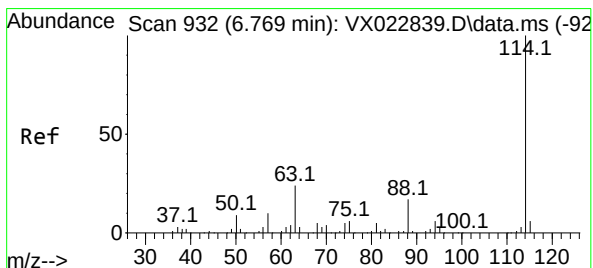
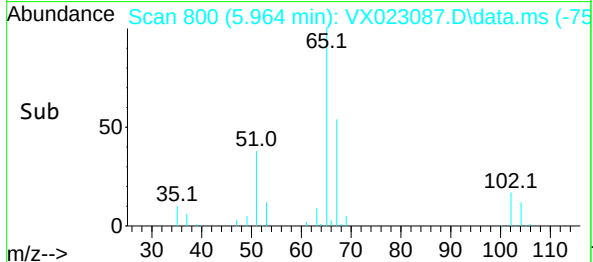
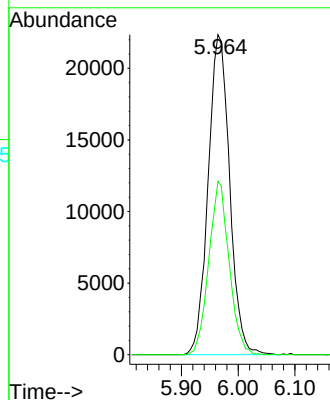
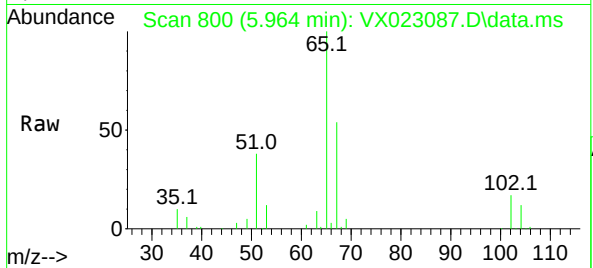
Acq: 01 Jul 2021 16:03

Tgt Ion: 65 Resp: 58851

Ion Ratio Lower Upper

65 100

67 51.3 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: VX023087.D

Acq: 01 Jul 2021 16:03

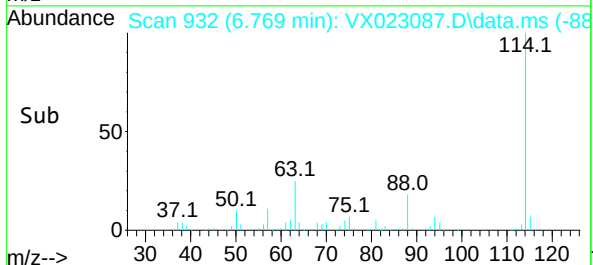
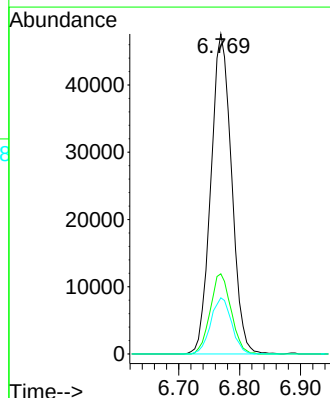
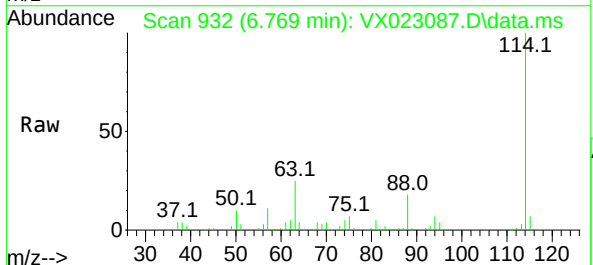
Tgt Ion: 114 Resp: 112283

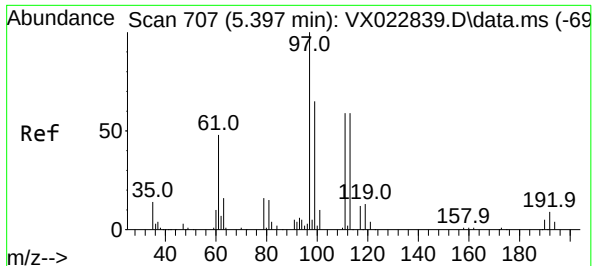
Ion Ratio Lower Upper

114 100

63 25.1 0.0 40.8

88 17.5 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.925 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX023087.D

Acq: 01 Jul 2021 16:03

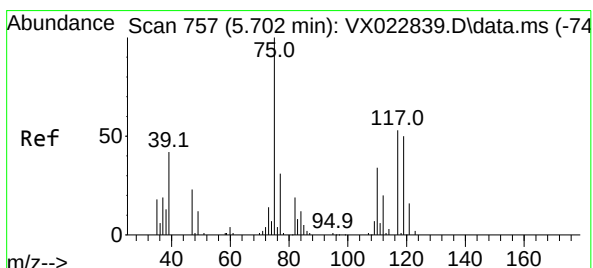
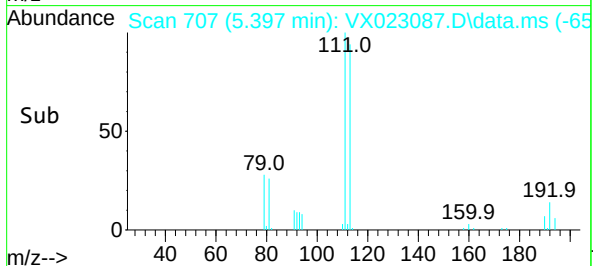
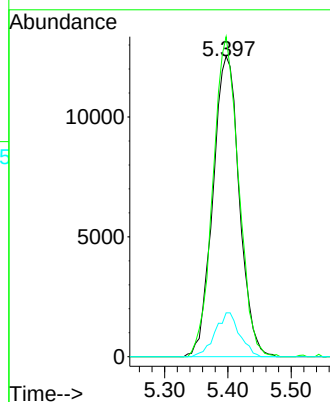
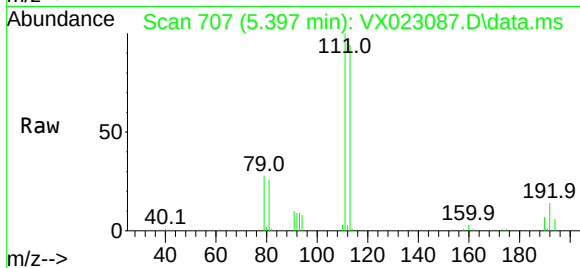
Tgt Ion:113 Resp: 36311

Ion Ratio Lower Upper

113 100

111 103.4 81.9 122.9

192 13.6 16.7 25.1#



#36

1,1-Dichloropropene

Concen: 5.471 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.146 min

Lab File: VX023087.D

Acq: 01 Jul 2021 16:03

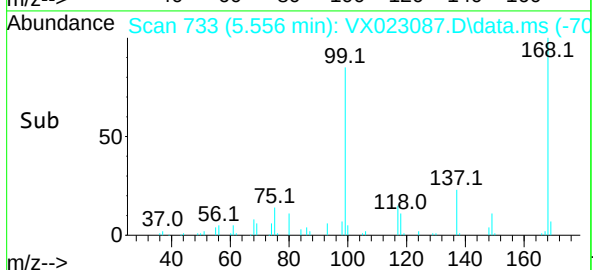
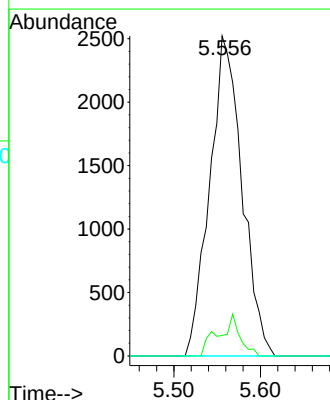
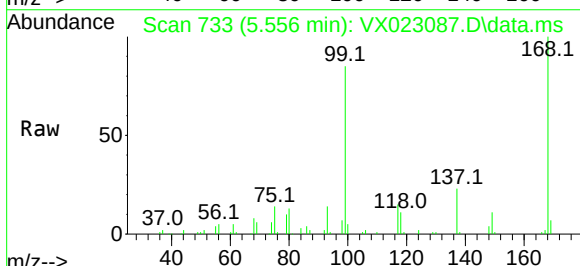
Tgt Ion: 75 Resp: 6525

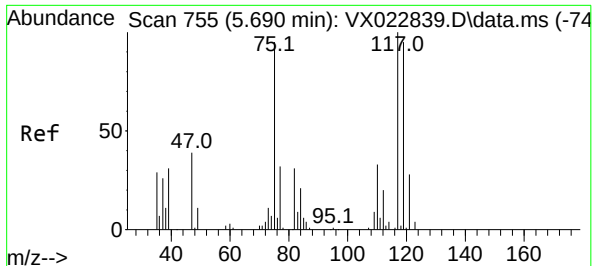
Ion Ratio Lower Upper

75 100

110 5.9 18.1 54.4#

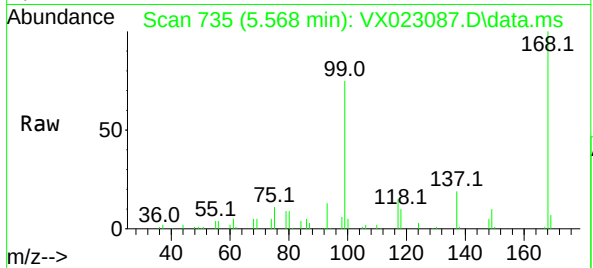
77 0.0 25.3 37.9#



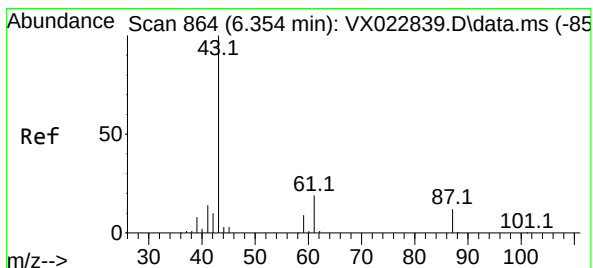
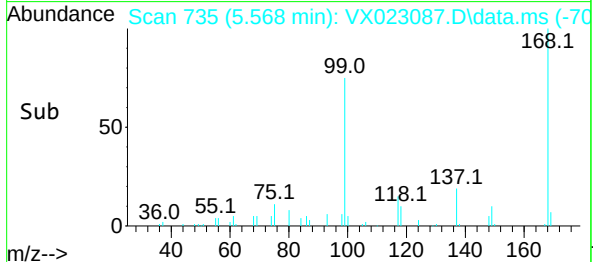
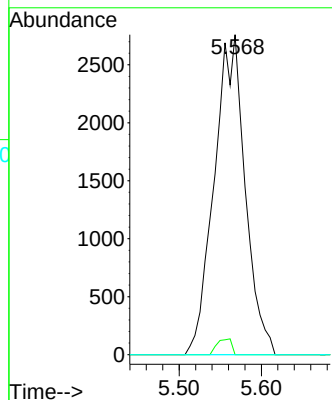


#38
Carbon Tetrachloride
Concen: 7.221 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.122 min
Lab File: VX023087.D
Acq: 01 Jul 2021 16:03

Instrument :
MSVOA_X
ClientSampleId :
MW-6

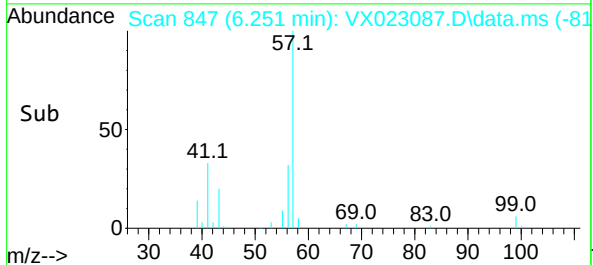
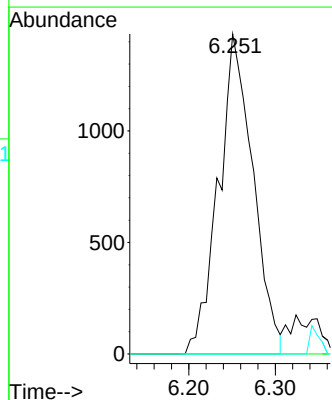
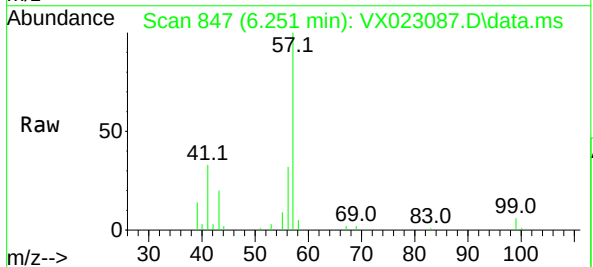


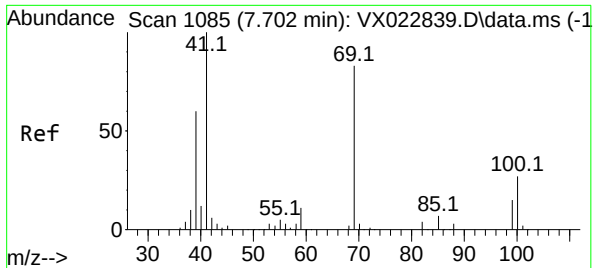
Tgt Ion:117 Resp: 7223
Ion Ratio Lower Upper
117 100
119 0.0 76.2 114.2#
121 0.0 24.8 37.2#



#43
Isopropyl Acetate
Concen: 1.782 ug/l
RT: 6.251 min Scan# 847
Delta R.T. -0.103 min
Lab File: VX023087.D
Acq: 01 Jul 2021 16:03

Tgt Ion: 43 Resp: 3959
Ion Ratio Lower Upper
43 100
61 0.0 18.2 27.4#
87 0.0 12.5 18.7#

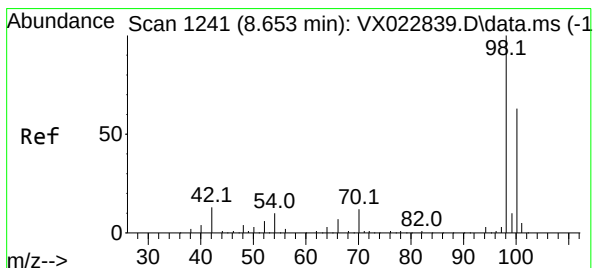
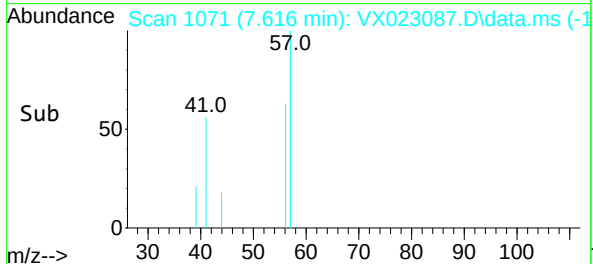
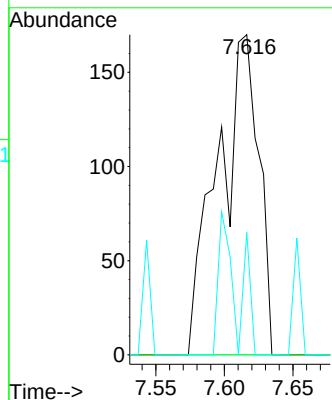
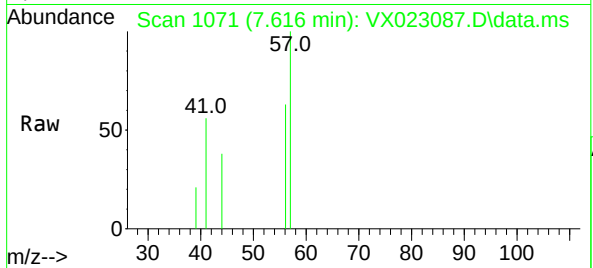




#48
Methyl methacrylate
Concen: 0.341 ug/l
RT: 7.616 min Scan# 1071
Delta R.T. -0.086 min
Lab File: VX023087.D
Acq: 01 Jul 2021 16:03

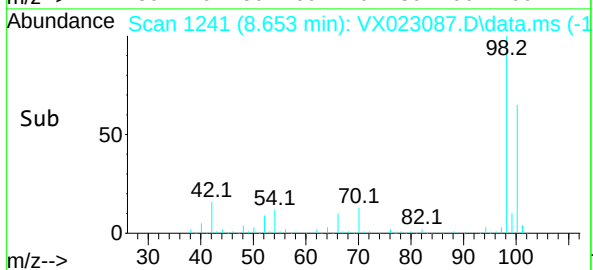
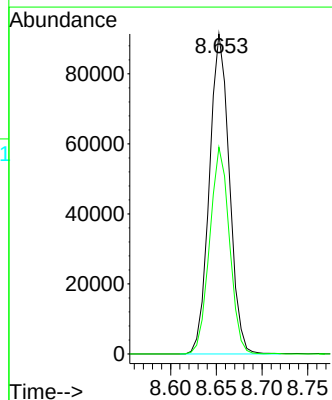
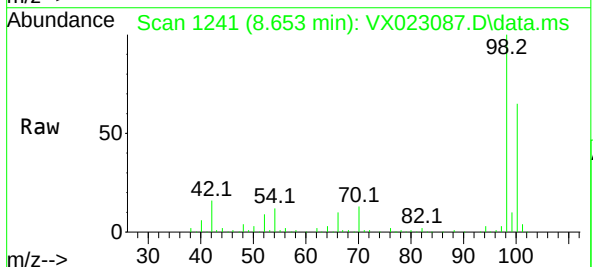
Instrument :
MSVOA_X
ClientSampleId :
MW-6

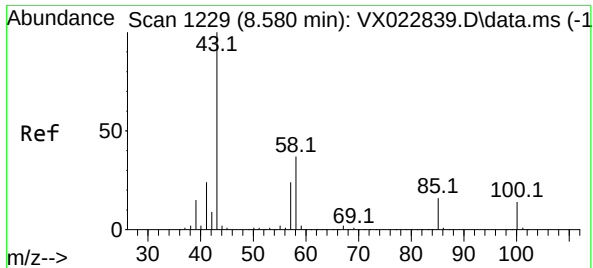
Tgt Ion: 41 Resp: 351
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 13.4 44.6 67.0#



#50
Toluene-d8
Concen: 49.634 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023087.D
Acq: 01 Jul 2021 16:03

Tgt Ion: 98 Resp: 138700
Ion Ratio Lower Upper
98 100
100 63.9 51.9 77.9

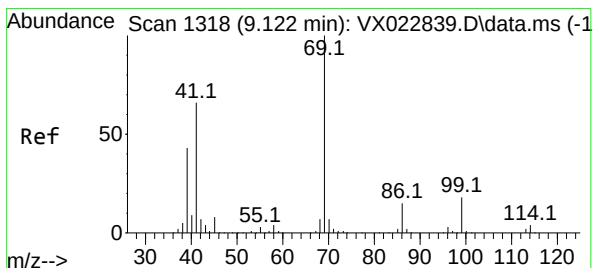
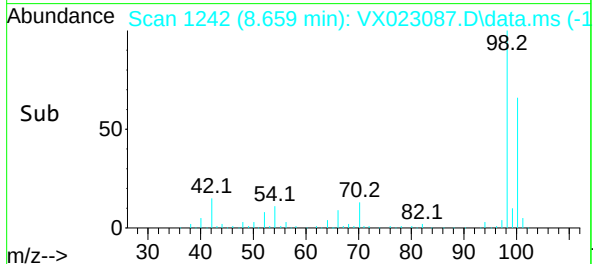
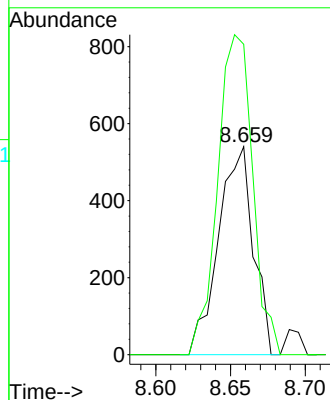
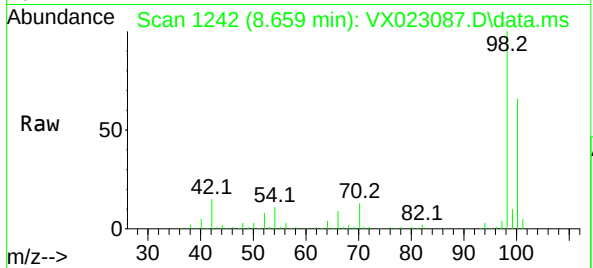




#51
4-Methyl-2-Pentanone
Concen: 0.632 ug/l
RT: 8.659 min Scan# 1242
Delta R.T. 0.079 min
Lab File: VX023087.D
Acq: 01 Jul 2021 16:03

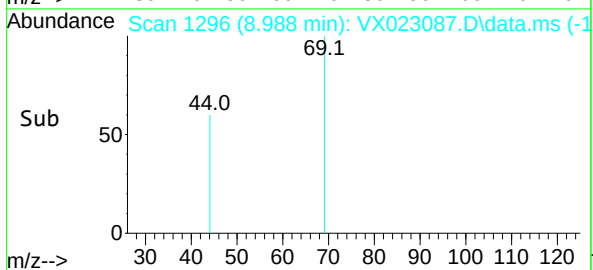
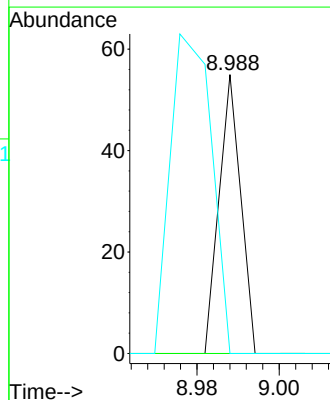
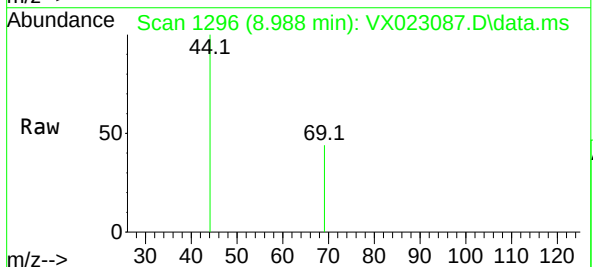
Instrument :
MSVOA_X
ClientSampled :
MW-6

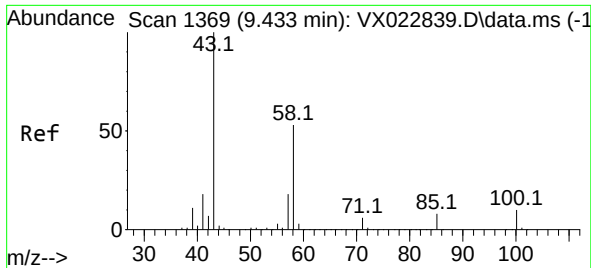
Tgt Ion: 43 Resp: 873
Ion Ratio Lower Upper
43 100
58 155.1 35.4 53.0#



#56
Ethyl methacrylate
Concen: 2.592 ug/l
RT: 8.988 min Scan# 1296
Delta R.T. -0.134 min
Lab File: VX023087.D
Acq: 01 Jul 2021 16:03

Tgt Ion: 69 Resp: 20
Ion Ratio Lower Upper
69 100
41 0.0 46.8 70.2#
39 220.0 24.7 37.1#

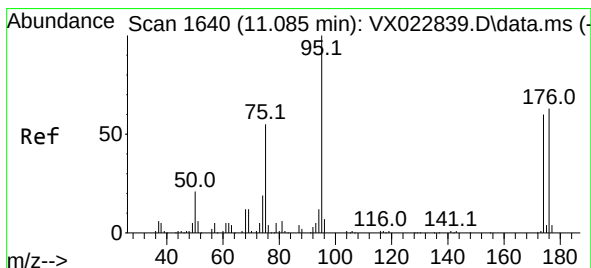
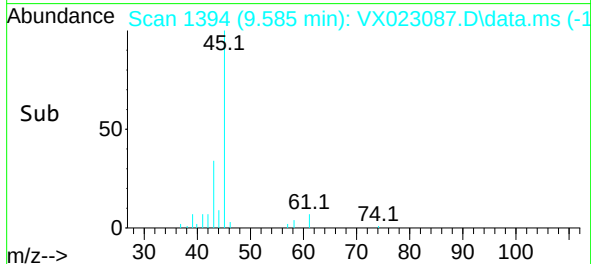
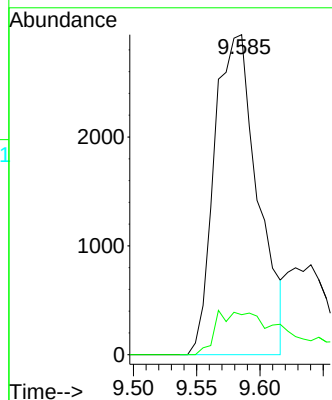
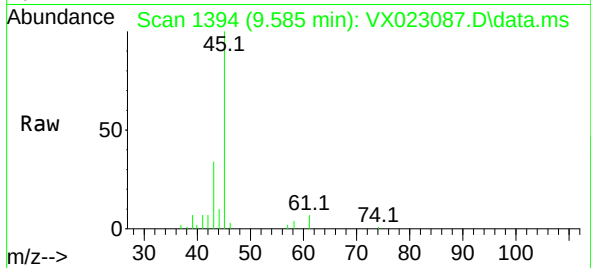




#59
2-Hexanone
Concen: 6.667 ug/l
RT: 9.585 min Scan# 1394
Delta R.T. 0.152 min
Lab File: VX023087.D
Acq: 01 Jul 2021 16:03

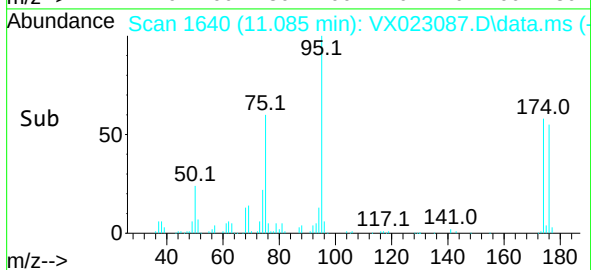
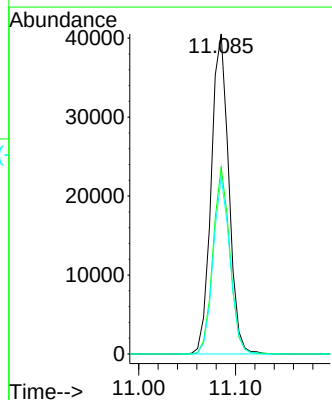
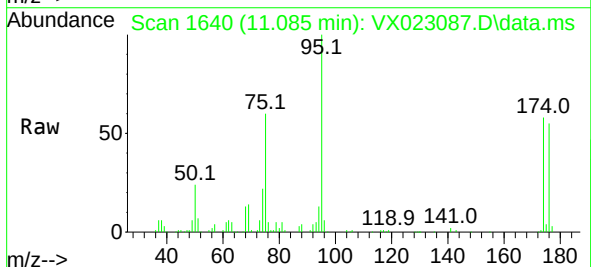
Instrument :
MSVOA_X
ClientSampled :
MW-6

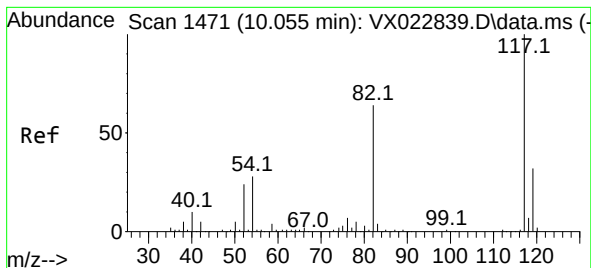
Tgt Ion: 43 Resp: 6992
Ion Ratio Lower Upper
43 100
58 22.9 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 48.980 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023087.D
Acq: 01 Jul 2021 16:03

Tgt Ion: 95 Resp: 51082
Ion Ratio Lower Upper
95 100
174 56.1 0.0 154.6
176 53.0 0.0 155.8

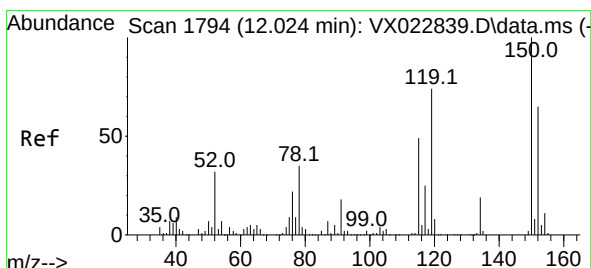
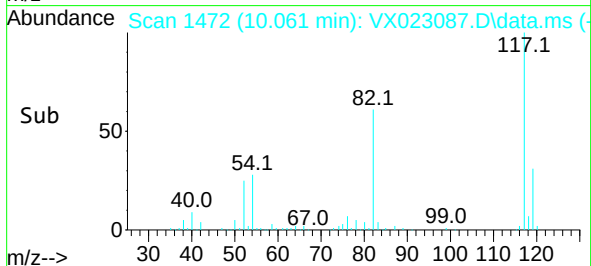
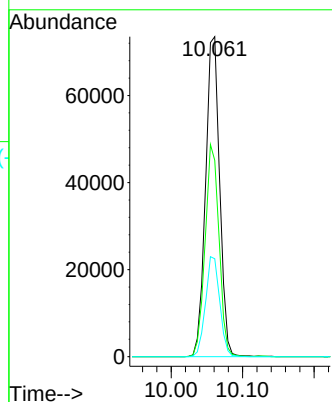
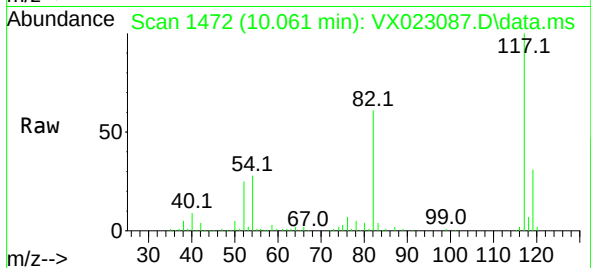




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX023087.D
Acq: 01 Jul 2021 16:03

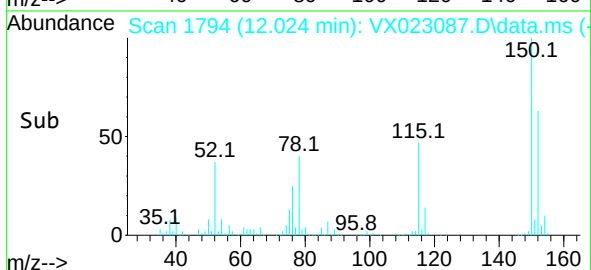
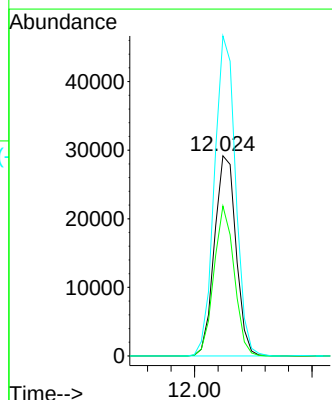
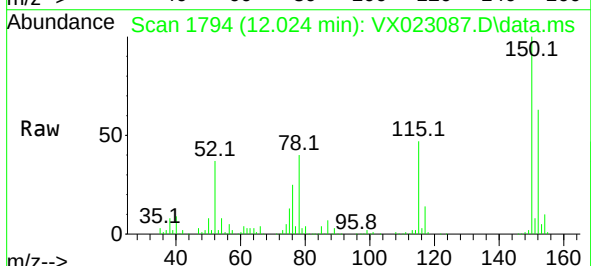
Instrument :
MSVOA_X
ClientSampleId :
MW-6

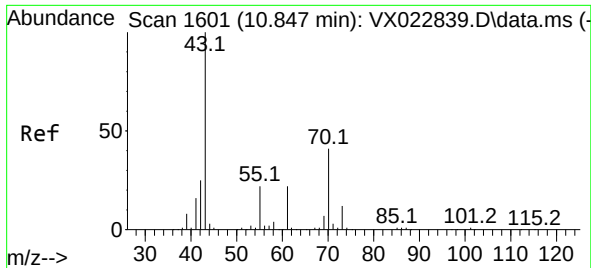
Tgt Ion:117 Resp: 100940
Ion Ratio Lower Upper
117 100
82 61.3 47.4 71.2
119 30.6 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023087.D
Acq: 01 Jul 2021 16:03

Tgt Ion:152 Resp: 37163
Ion Ratio Lower Upper
152 100
115 70.4 41.1 123.3
150 156.8 0.0 349.0

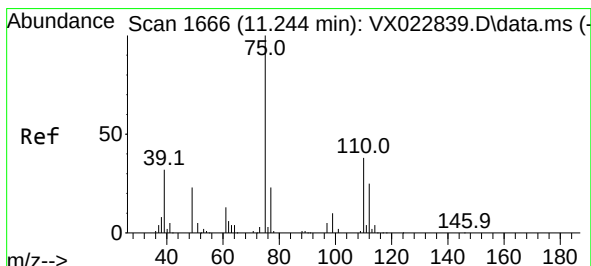
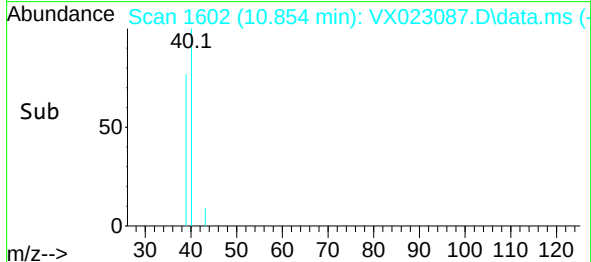
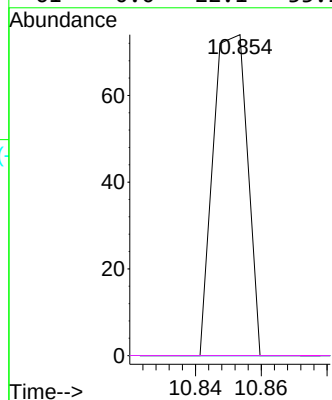
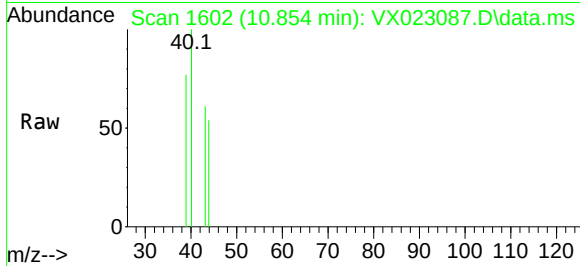




#74
N-amy1 acetate
Concen: 2.084 ug/l
RT: 10.854 min Scan# 1602
Delta R.T. 0.007 min
Lab File: VX023087.D
Acq: 01 Jul 2021 16:03

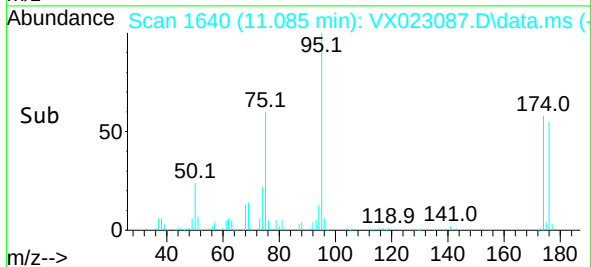
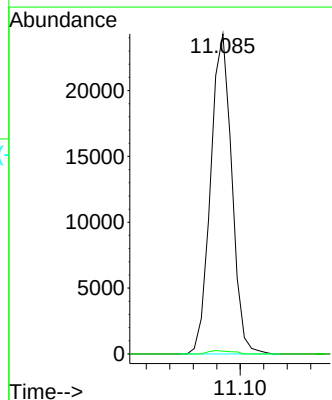
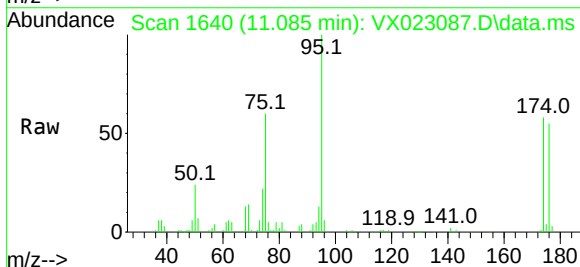
Instrument :
MSVOA_X
ClientSampleId :
MW-6

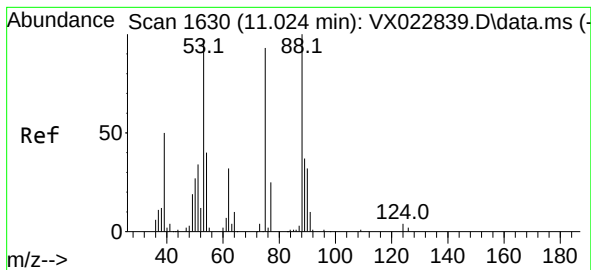
Tgt Ion: 43	Resp: 53
Ion Ratio	Lower Upper
43 100	
70 0.0	39.0 58.6#
55 0.0	21.5 32.3#
61 0.0	22.1 33.1#



#76
1,2,3-Trichloropropane
Concen: 30.969 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023087.D
Acq: 01 Jul 2021 16:03

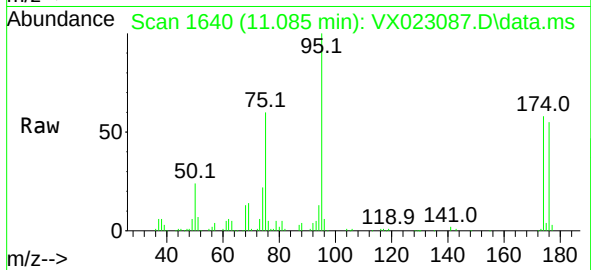
Tgt Ion: 75	Resp: 30400
Ion Ratio	Lower Upper
75 100	
77 1.2	19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 79.267 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX023087.D
 Acq: 01 Jul 2021 16:03

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6



Tgt Ion: 75 Resp: 30400
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

