

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083122\
 Data File : VX031006.D
 Acq On : 01 Sep 2022 03:16
 Operator : JC/MD
 Sample : N4380-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-39

Quant Time: Sep 06 02:30:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X083022W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 30 14:24:53 2022
 Response via : Initial Calibration

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

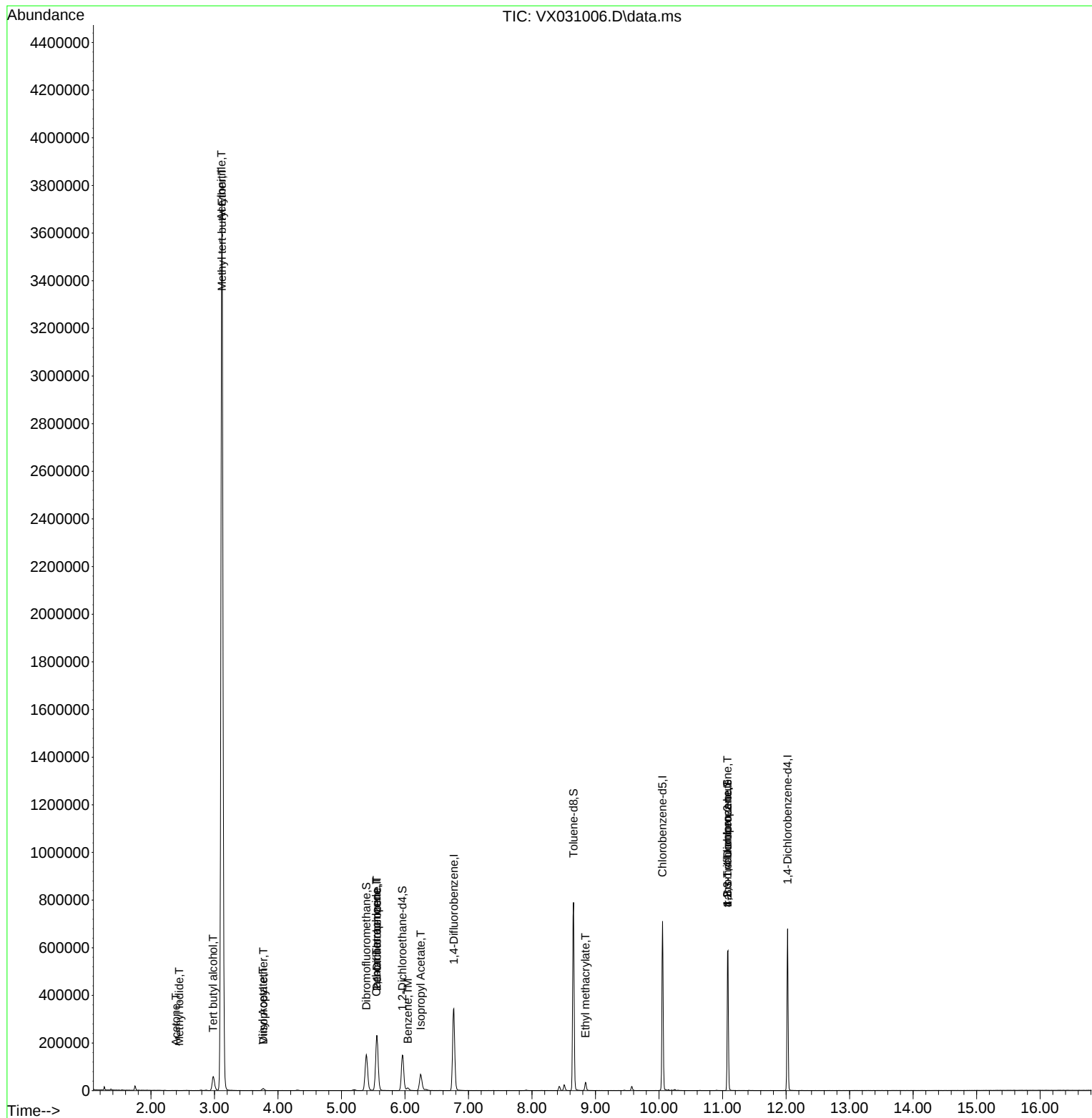
Internal Standards						
1) Pentafluorobenzene	5.556	168	222221	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	381247	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	338193	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	144546	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	143787	45.113	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.220%
35) Dibromofluoromethane	5.391	113	135375	48.170	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.340%
50) Toluene-d8	8.653	98	507421	48.754	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.500%
62) 4-Bromofluorobenzene	11.079	95	166400	44.897	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.800%
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	224	Below Cal		81
10) Methyl Iodide	2.447	142	64	4.399	ug/l #	57
11) Tert butyl alcohol	2.977	59	88051	116.603	ug/l #	74
15) Acrylonitrile	3.111	53	41069	24.629	ug/l #	29
16) Acetone	2.392	43	846	0.588	ug/l #	68
19) Methyl tert-butyl Ether	3.117	73	4431684	503.812	ug/l	96
22) Diisopropyl ether	3.770	45	9201	1.019	ug/l #	67
23) Vinyl Acetate	3.763	43	4552	0.628	ug/l #	72
36) 1,1-Dichloropropene	5.556	75	16219	3.883	ug/l #	50
38) Carbon Tetrachloride	5.550	117	22397	5.632	ug/l #	17
40) Benzene	6.044	78	13373	1.111	ug/l	92
43) Isopropyl Acetate	6.245	43	16588	2.434	ug/l #	62
56) Ethyl methacrylate	8.842	69	3699	0.792	ug/l	93
76) 1,2,3-Trichloropropane	11.079	75	79506	22.342	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	79506	66.427	ug/l #	13

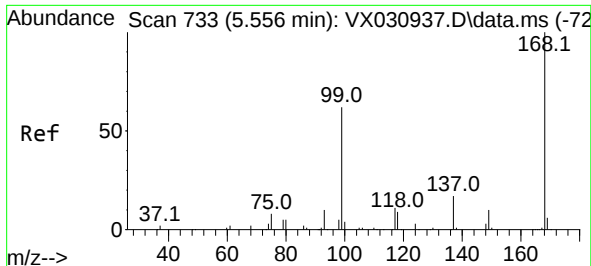
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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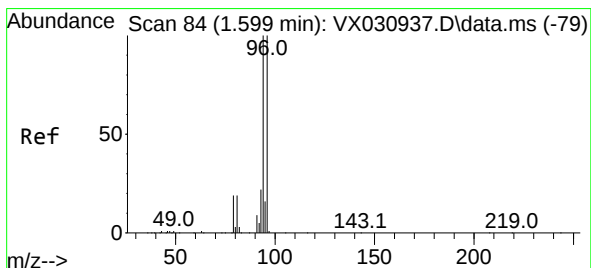
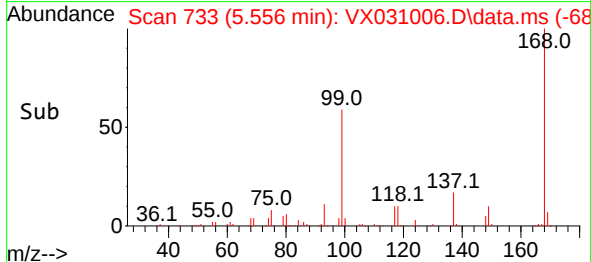
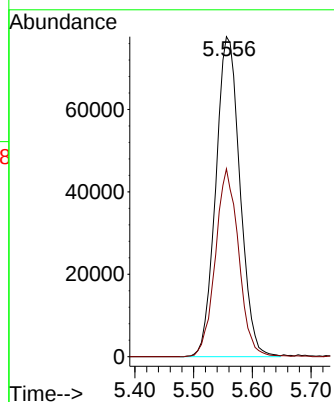
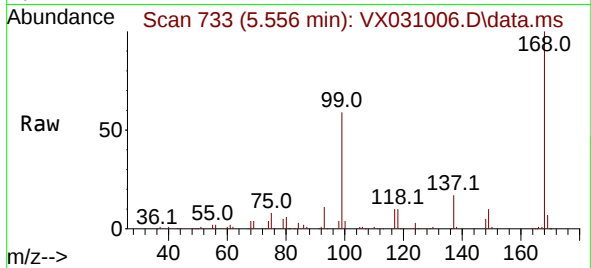




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031006.D
Acq: 01 Sep 2022 03:16

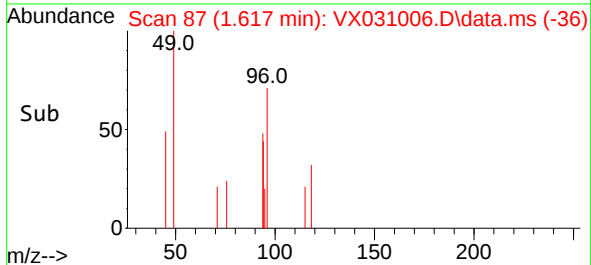
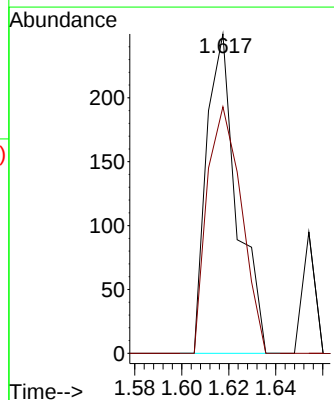
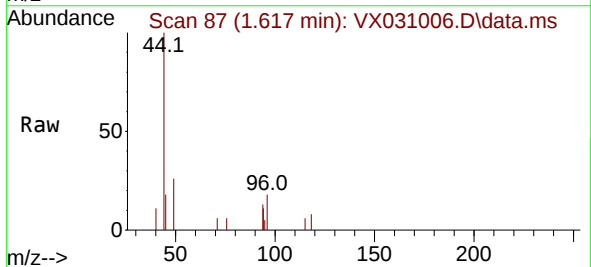
Instrument :
MSVOA_X
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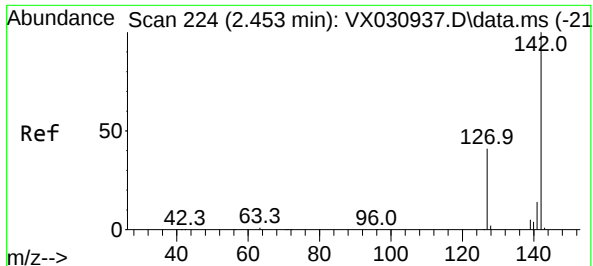
Tgt Ion:168 Resp: 222221
Ion Ratio Lower Upper
168 100
99 58.7 44.0 66.0



#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 87
Delta R.T. 0.012 min
Lab File: VX031006.D
Acq: 01 Sep 2022 03:16

Tgt Ion: 94 Resp: 224
Ion Ratio Lower Upper
94 100
96 77.2 76.9 115.3

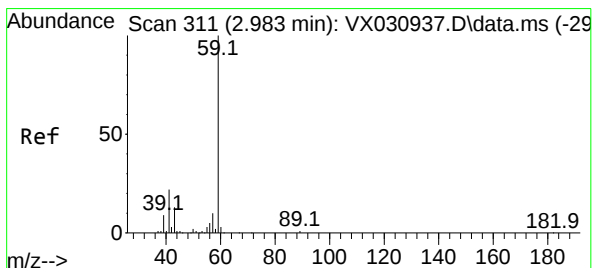
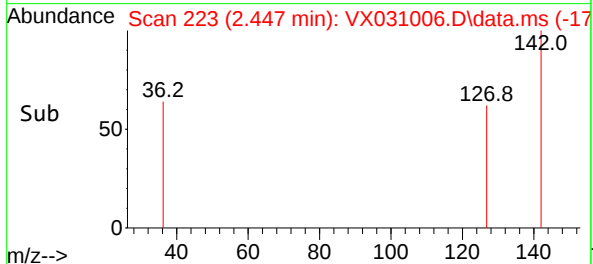
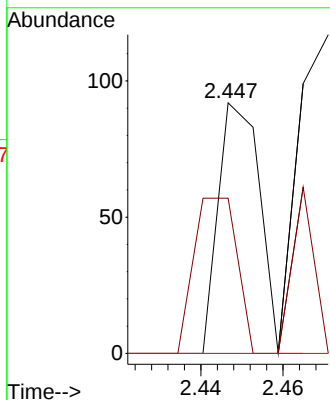
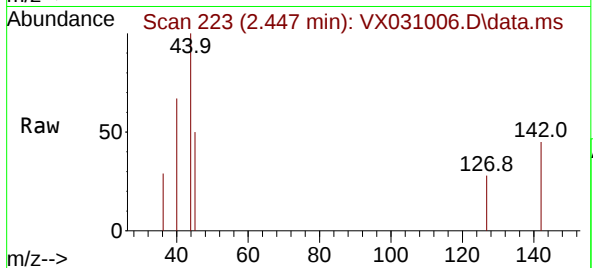




#10
Methyl Iodide
Concen: 4.399 ug/l
RT: 2.447 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX031006.D
Acq: 01 Sep 2022 03:16

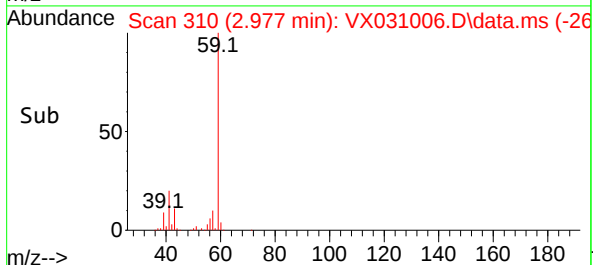
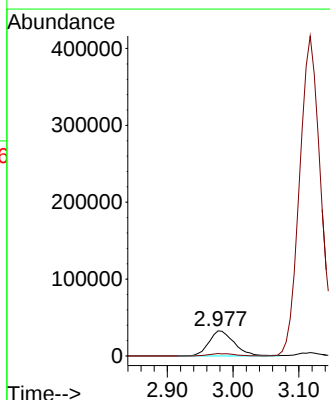
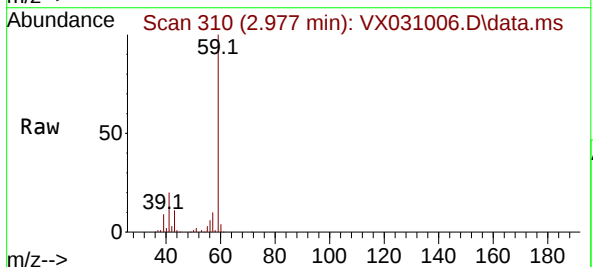
Instrument :
MSVOA_X
ClientSampleId :
MW-39

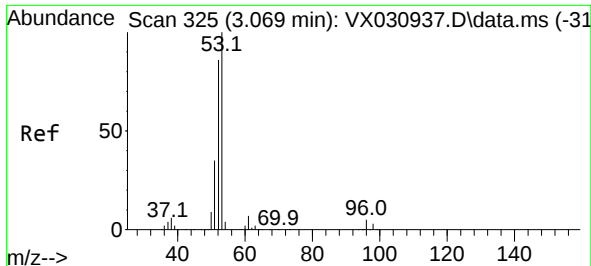
Tgt Ion:142 Resp: 64
Ion Ratio Lower Upper
142 100
127 65.6 30.2 45.2#
141 0.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: 116.603 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.012 min
Lab File: VX031006.D
Acq: 01 Sep 2022 03:16

Tgt Ion: 59 Resp: 88051
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#





#15

Acrylonitrile

Concen: 24.629 ug/l

RT: 3.111 min Scan# 31

Delta R.T. 0.042 min

Lab File: VX031006.D

Acq: 01 Sep 2022 03:16

Instrument :

MSVOA_X

ClientSampleId :

MW-39

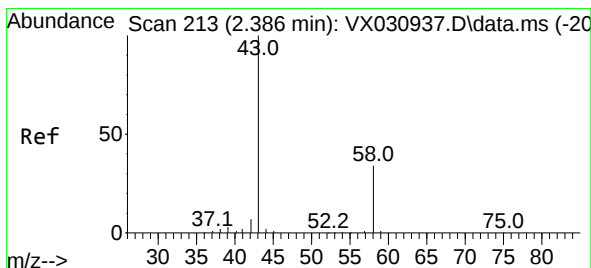
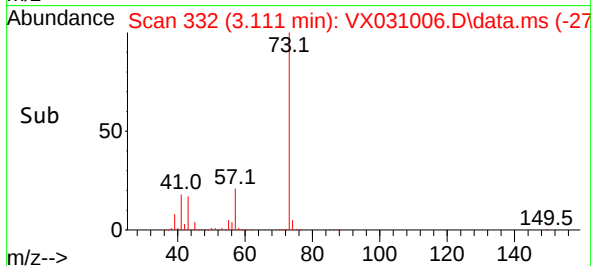
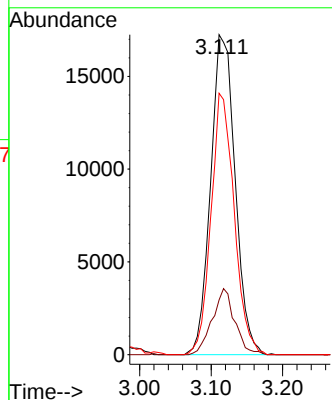
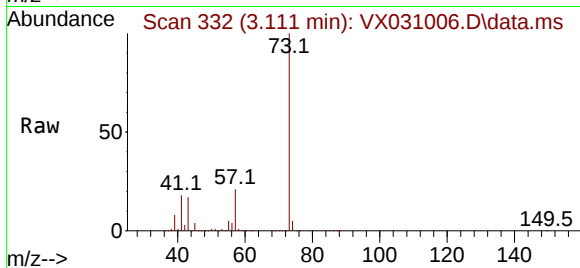
Tgt Ion: 53 Resp: 41069

Ion Ratio Lower Upper

53 100

52 19.0 65.4 98.0#

51 77.3 27.7 41.5#



#16

Acetone

Concen: 0.588 ug/l

RT: 2.392 min Scan# 214

Delta R.T. 0.006 min

Lab File: VX031006.D

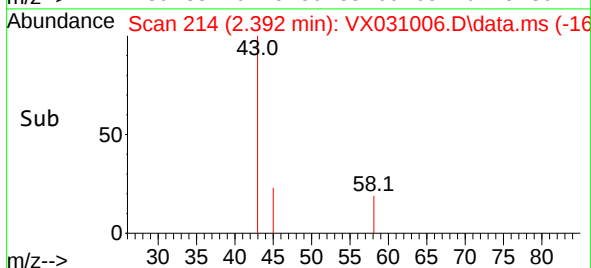
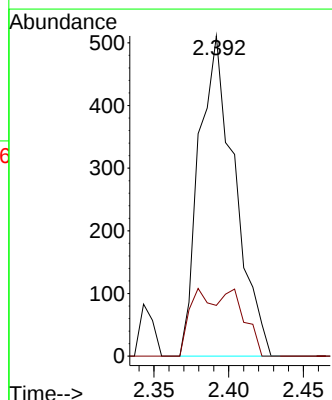
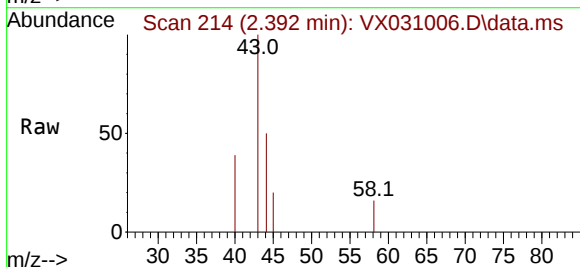
Acq: 01 Sep 2022 03:16

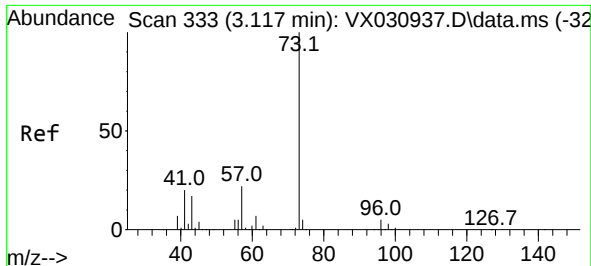
Tgt Ion: 43 Resp: 846

Ion Ratio Lower Upper

43 100

58 15.9 27.7 41.5#

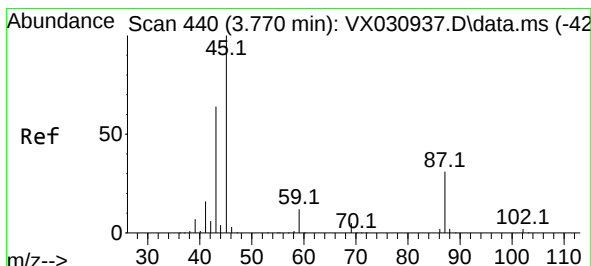
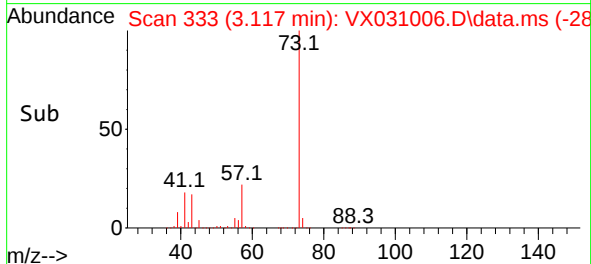
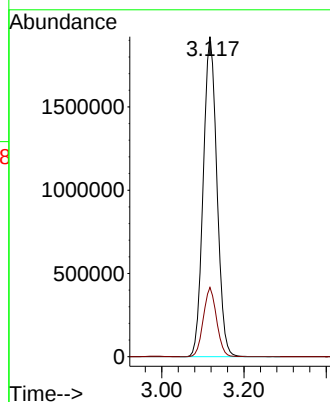
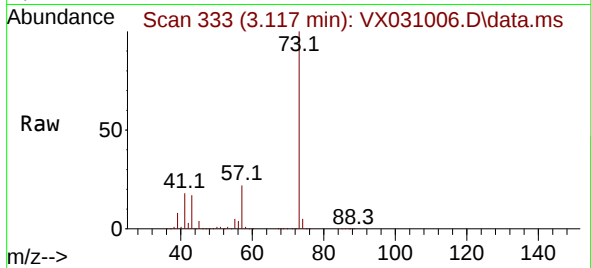




#19
Methyl tert-butyl Ether
Concen: 503.812 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX031006.D
Acq: 01 Sep 2022 03:16

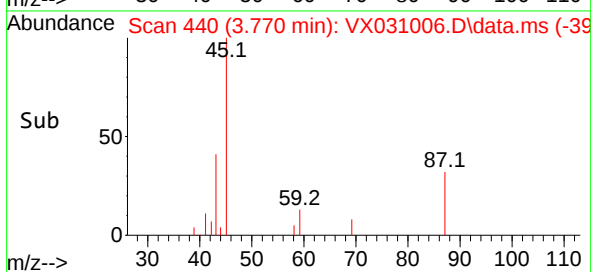
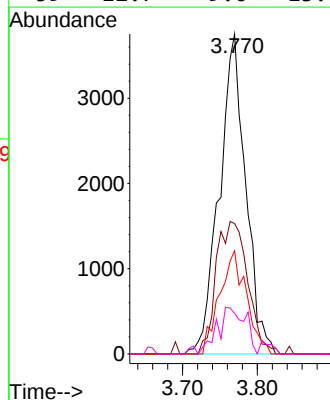
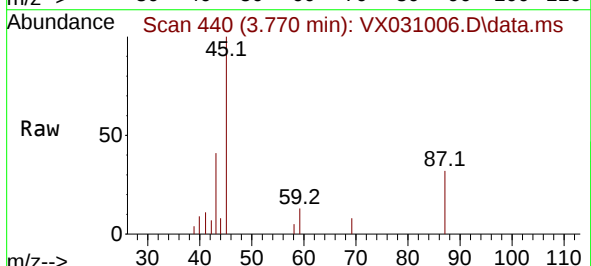
Instrument :
MSVOA_X
ClientSampleId :
MW-39

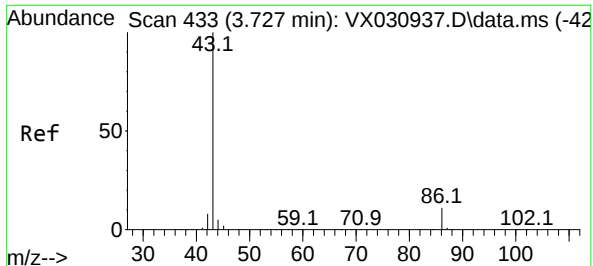
Tgt Ion: 73 Resp: 4431684
Ion Ratio Lower Upper
73 100
57 21.7 19.0 28.6



#22
Diisopropyl ether
Concen: 1.019 ug/l
RT: 3.770 min Scan# 440
Delta R.T. -0.000 min
Lab File: VX031006.D
Acq: 01 Sep 2022 03:16

Tgt Ion: 45 Resp: 9201
Ion Ratio Lower Upper
45 100
43 40.7 65.4 98.0#
87 32.2 22.3 33.5
59 12.7 9.0 13.4

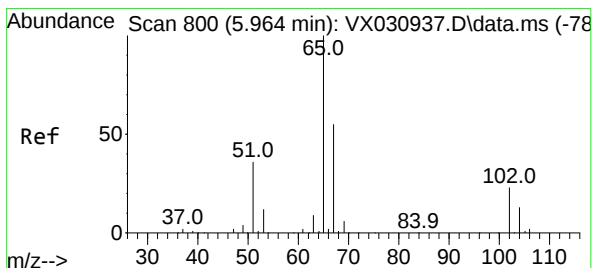
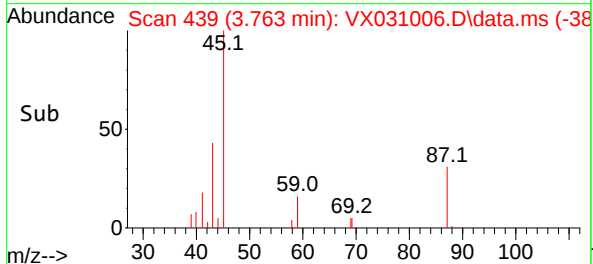
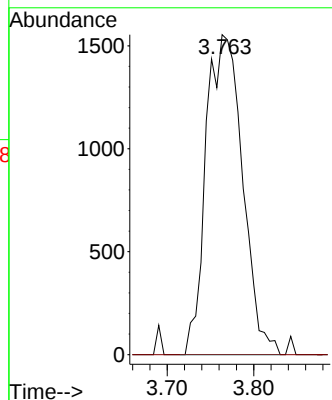
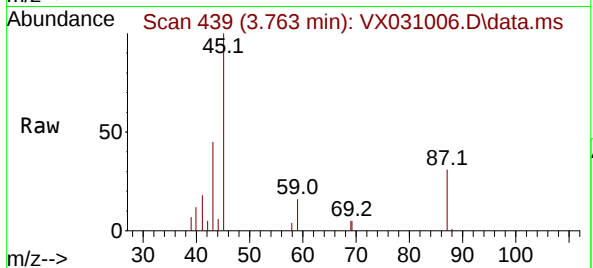




#23
 Vinyl Acetate
 Concen: 0.628 ug/l
 RT: 3.763 min Scan# 41
 Delta R.T. 0.036 min
 Lab File: VX031006.D
 Acq: 01 Sep 2022 03:16

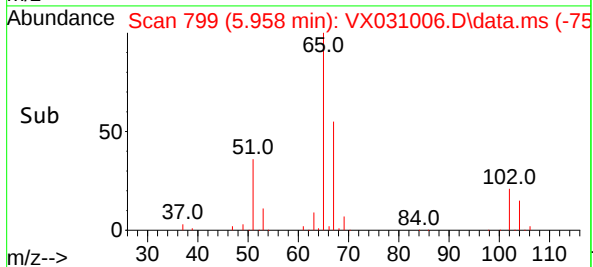
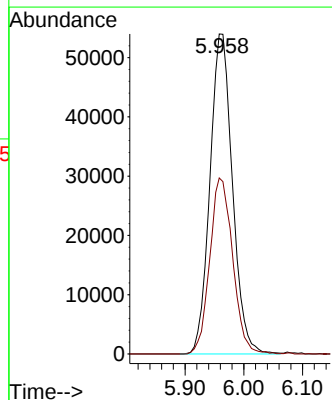
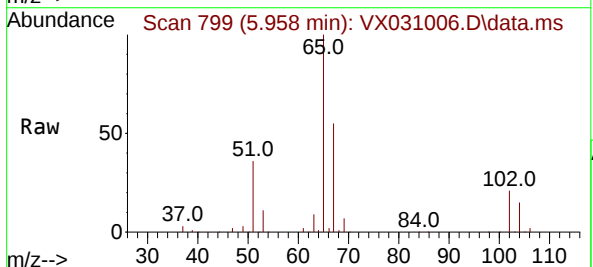
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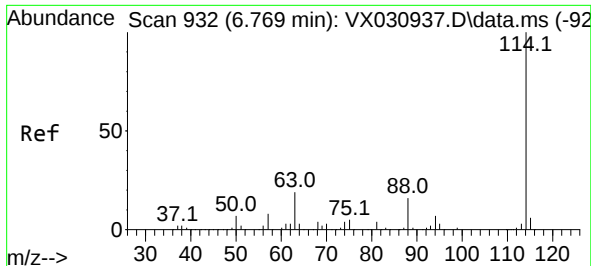
Tgt Ion: 43 Resp: 4552
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.5 12.7#



#33
 1,2-Dichloroethane-d4
 Concen: 45.113 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX031006.D
 Acq: 01 Sep 2022 03:16

Tgt Ion: 65 Resp: 143787
 Ion Ratio Lower Upper
 65 100
 67 56.0 0.0 109.6

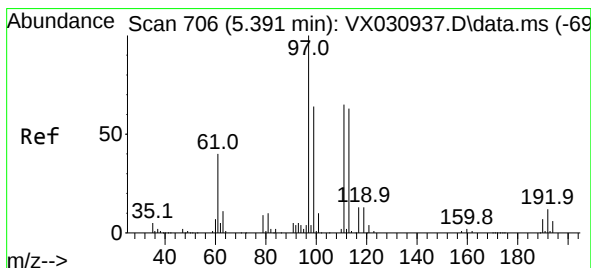
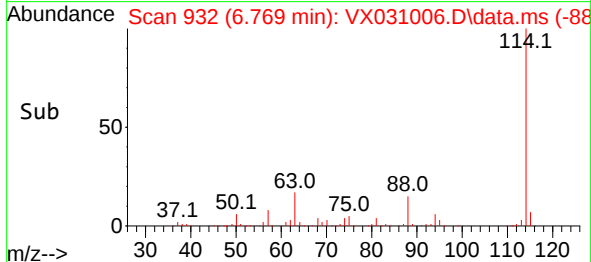
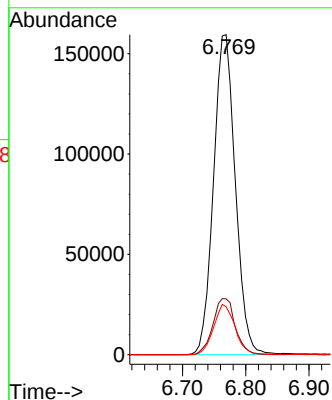
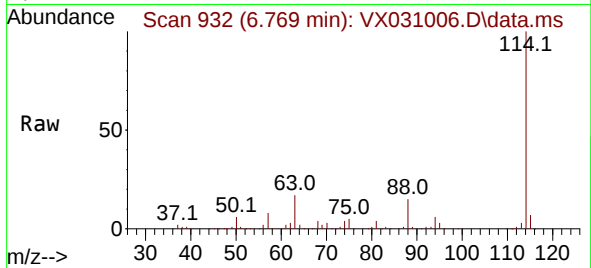




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX031006.D
Acq: 01 Sep 2022 03:16

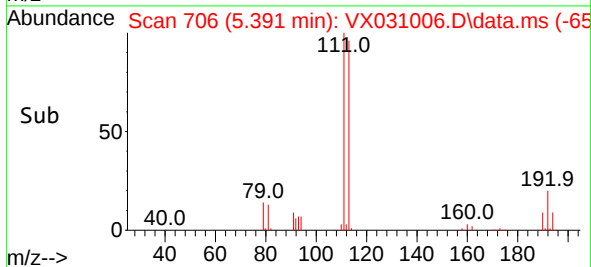
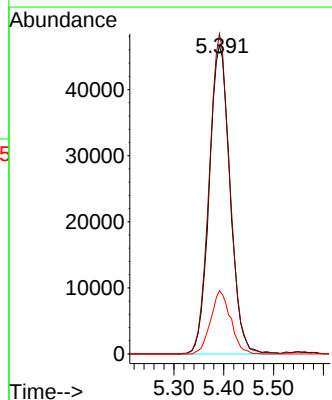
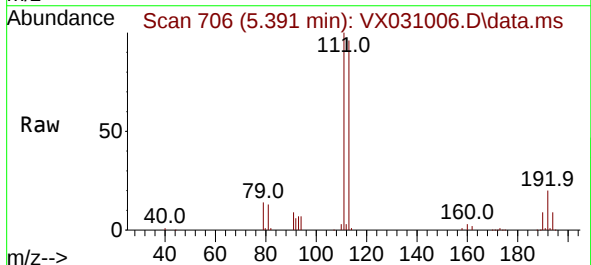
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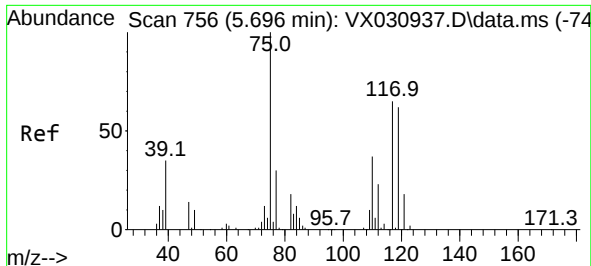
Tgt Ion:114 Resp: 381247
Ion Ratio Lower Upper
114 100
63 17.4 0.0 38.4
88 15.0 0.0 31.8



#35
Dibromofluoromethane
Concen: 48.170 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX031006.D
Acq: 01 Sep 2022 03:16

Tgt Ion:113 Resp: 135375
Ion Ratio Lower Upper
113 100
111 102.7 83.2 124.8
192 19.6 14.8 22.2

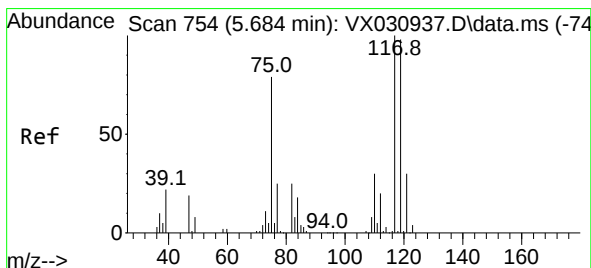
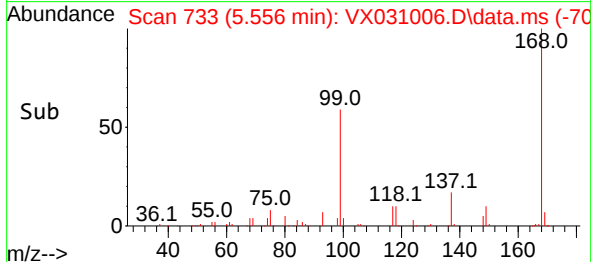
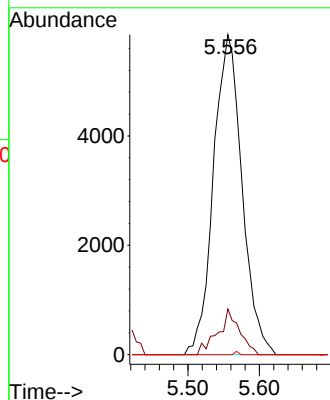
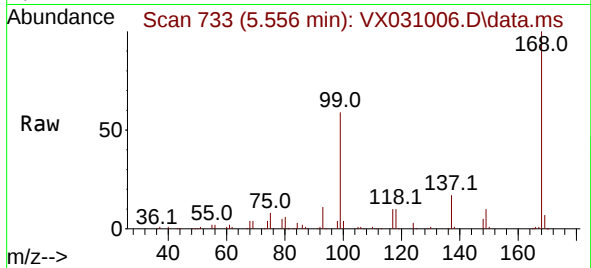




#36
1,1-Dichloropropene
Concen: 3.883 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX031006.D
Acq: 01 Sep 2022 03:16

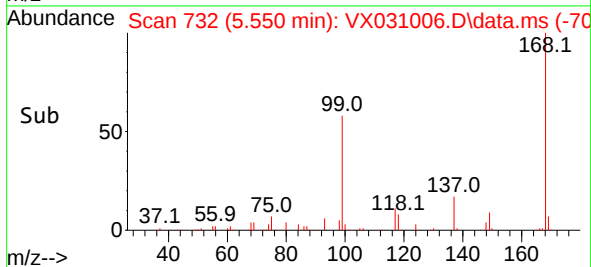
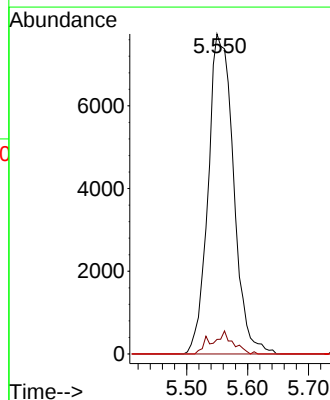
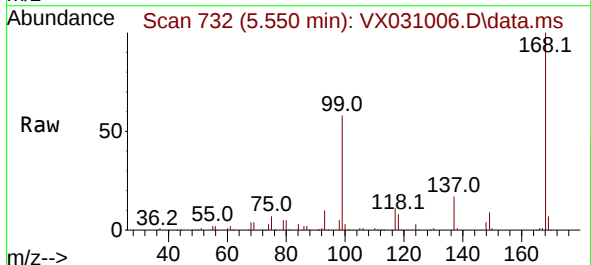
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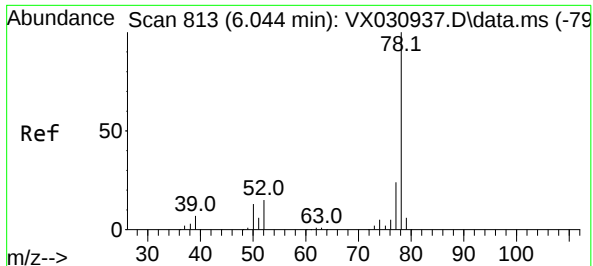
Tgt Ion: 75 Resp: 16219
Ion Ratio Lower Upper
75 100
110 10.8 19.3 57.9#
77 0.1 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.632 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX031006.D
Acq: 01 Sep 2022 03:16

Tgt Ion: 117 Resp: 22397
Ion Ratio Lower Upper
117 100
119 4.6 74.1 111.1#
121 0.0 25.8 38.8#





#40

Benzene

Concen: 1.111 ug/l

RT: 6.044 min Scan# 813

Delta R.T. -0.000 min

Lab File: VX031006.D

Acq: 01 Sep 2022 03:16

Instrument :

MSVOA_X

ClientSampleId :

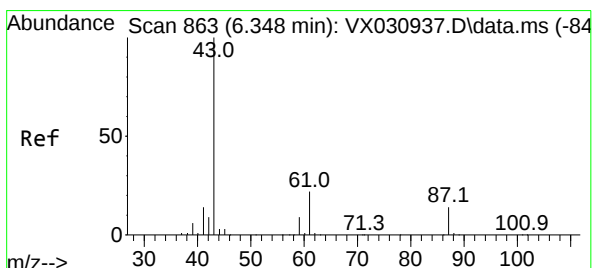
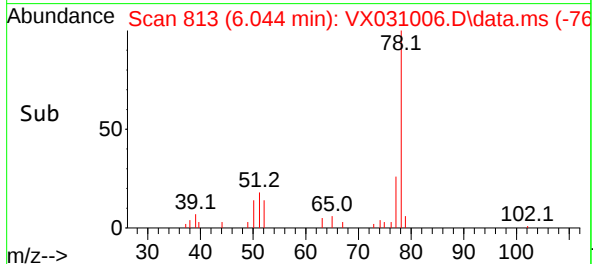
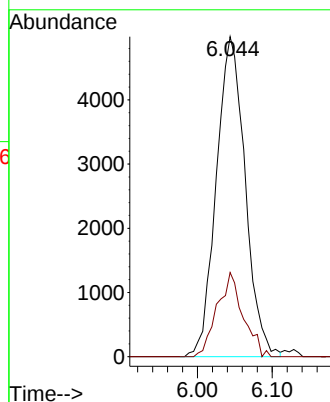
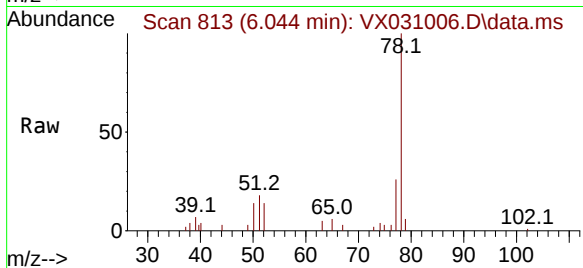
MW-39

Tgt Ion: 78 Resp: 13373

Ion Ratio Lower Upper

78 100

77 26.3 18.0 27.0



#43

Isopropyl Acetate

Concen: 2.434 ug/l

RT: 6.245 min Scan# 846

Delta R.T. -0.103 min

Lab File: VX031006.D

Acq: 01 Sep 2022 03:16

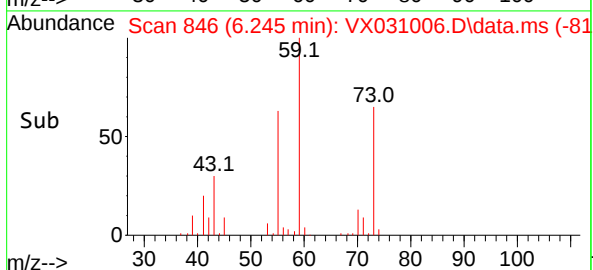
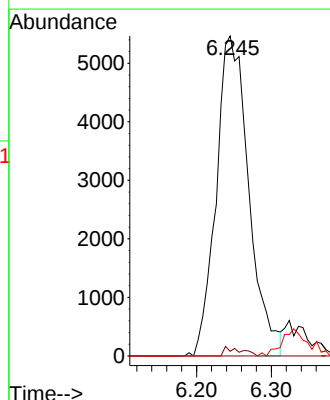
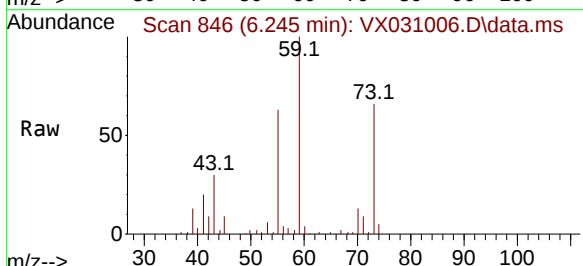
Tgt Ion: 43 Resp: 16588

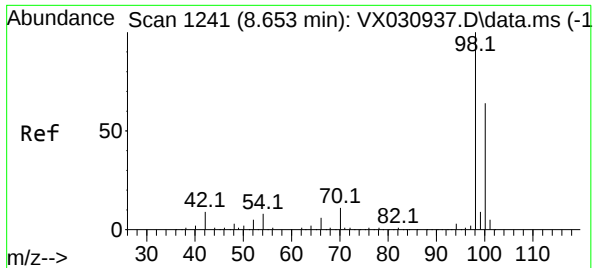
Ion Ratio Lower Upper

43 100

61 1.5 16.5 24.7#

87 0.0 11.1 16.7#

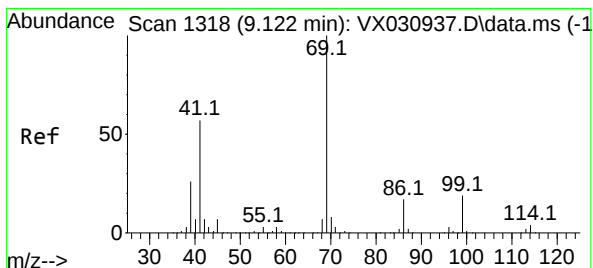
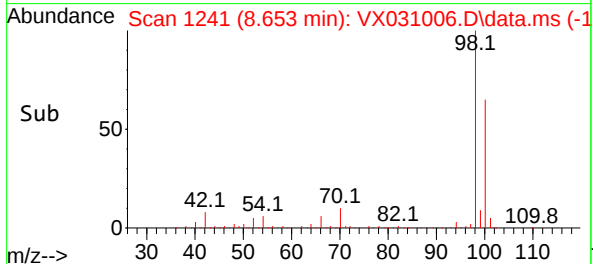
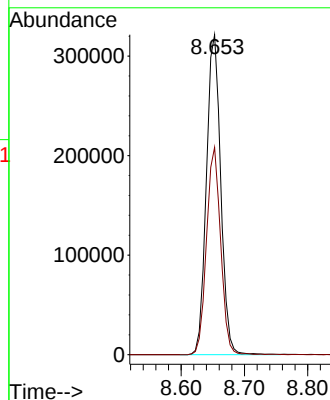
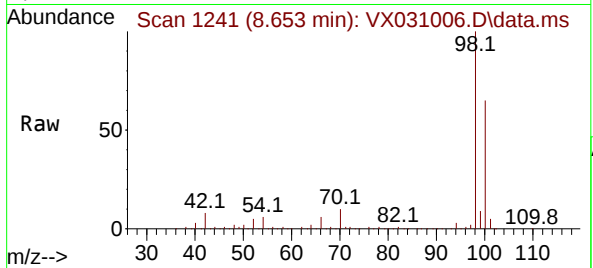




#50
Toluene-d8
Concen: 48.754 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031006.D
Acq: 01 Sep 2022 03:16

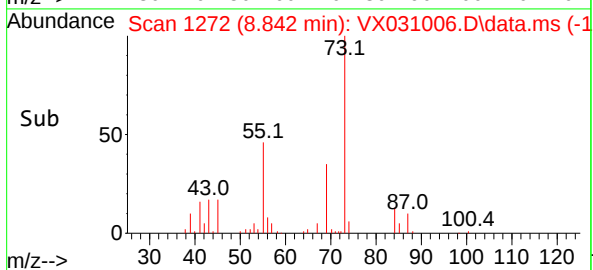
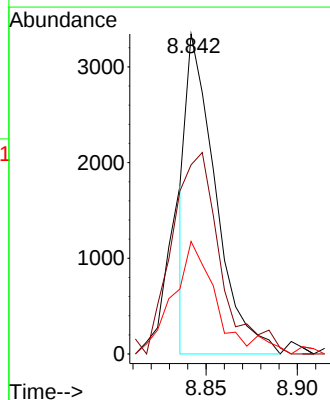
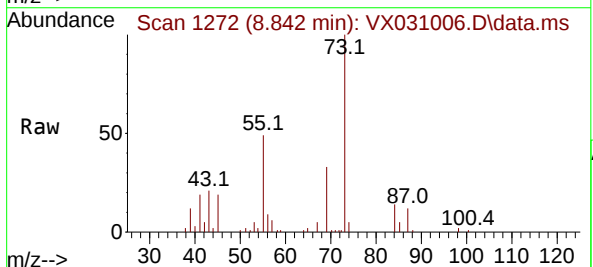
Instrument :
MSVOA_X
ClientSampleId :
MW-39

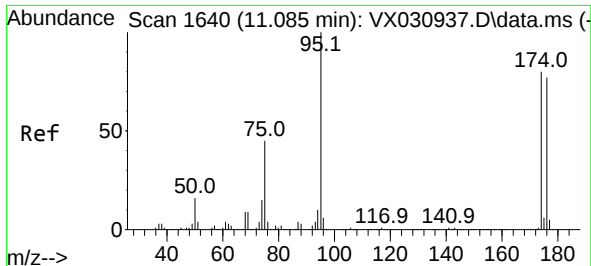
Tgt Ion: 98 Resp: 507421
Ion Ratio Lower Upper
98 100
100 63.9 52.3 78.5



#56
Ethyl methacrylate
Concen: 0.792 ug/l
RT: 8.842 min Scan# 1272
Delta R.T. -0.280 min
Lab File: VX031006.D
Acq: 01 Sep 2022 03:16

Tgt Ion: 69 Resp: 3699
Ion Ratio Lower Upper
69 100
41 72.2 52.3 78.5
39 36.9 28.2 42.4

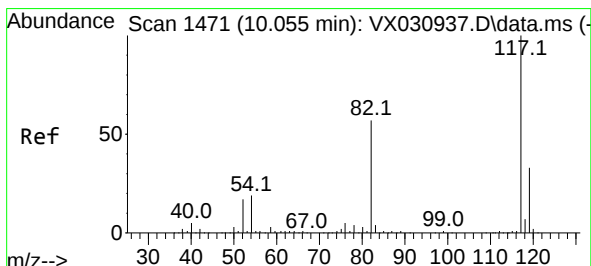
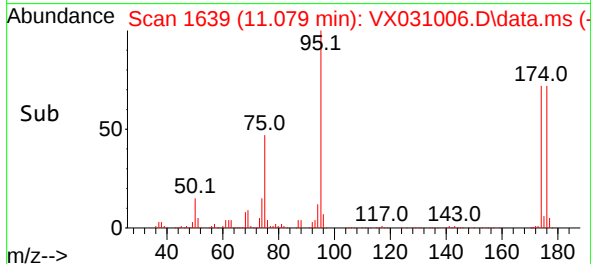
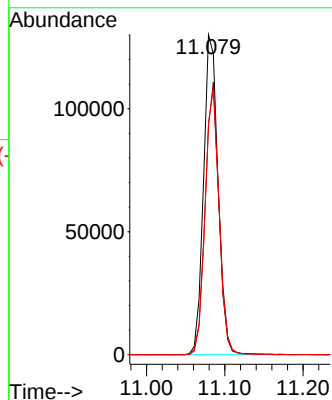
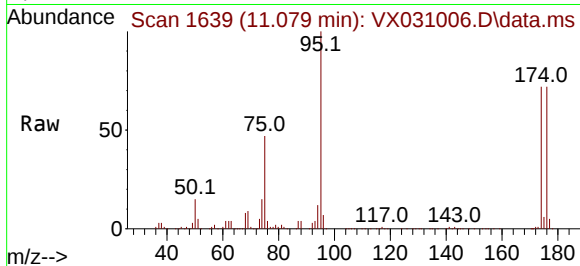




#62
4-Bromofluorobenzene
Concen: 44.897 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX031006.D
Acq: 01 Sep 2022 03:16

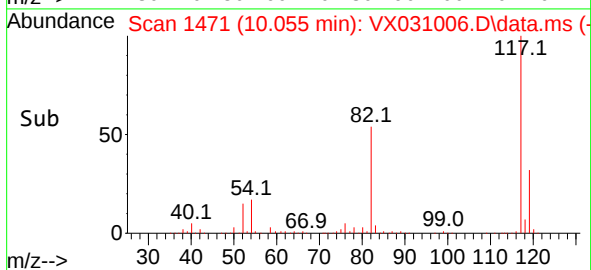
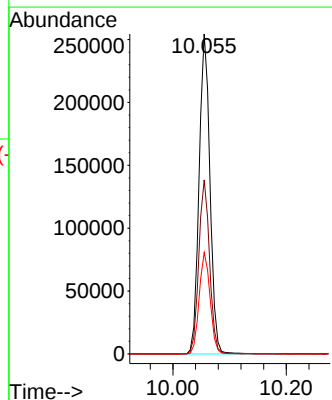
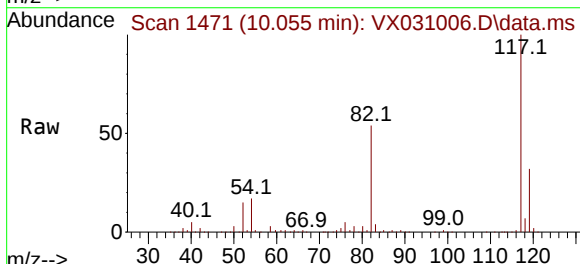
Instrument :
MSVOA_X
ClientSampleId :
MW-39

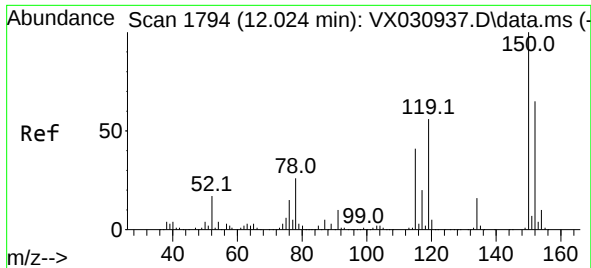
Tgt Ion: 95 Resp: 166400
Ion Ratio Lower Upper
95 100
174 82.5 0.0 149.0
176 80.4 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031006.D
Acq: 01 Sep 2022 03:16

Tgt Ion: 117 Resp: 338193
Ion Ratio Lower Upper
117 100
82 54.4 42.7 64.1
119 31.7 25.4 38.2

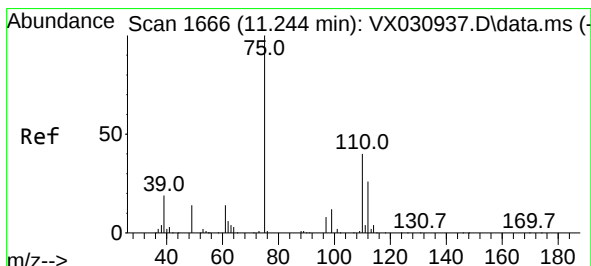
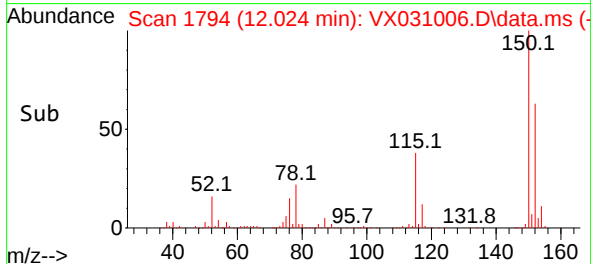
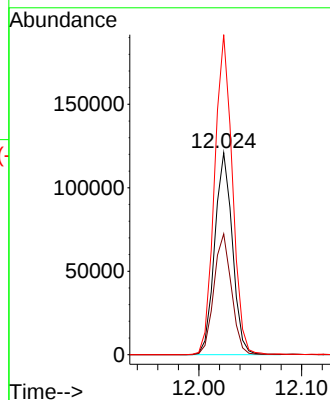
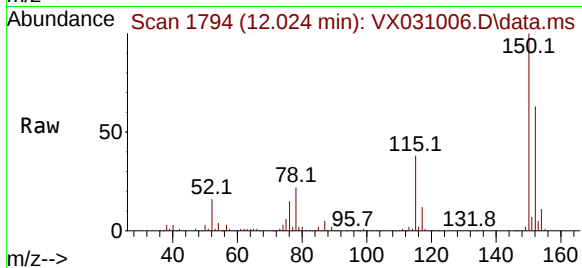




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX031006.D
 Acq: 01 Sep 2022 03:16

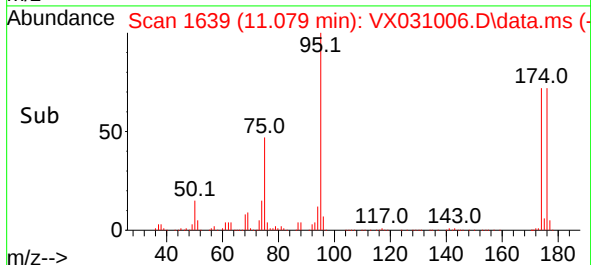
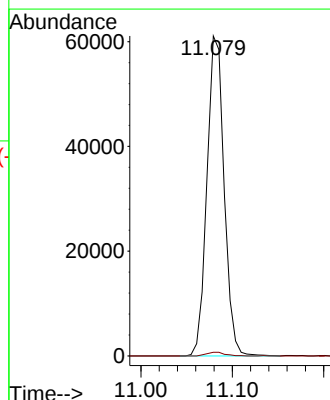
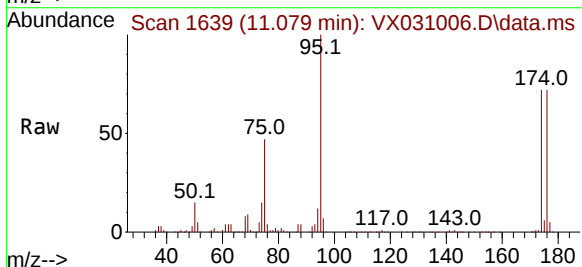
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-39

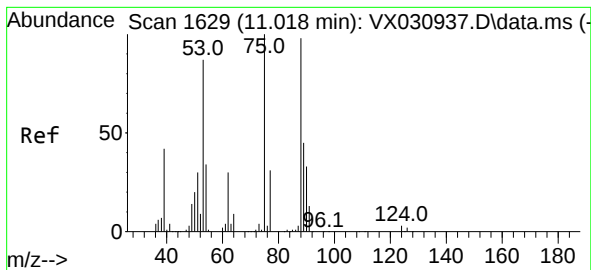
Tgt Ion:152 Resp: 144546
 Ion Ratio Lower Upper
 152 100
 115 59.4 40.5 121.5
 150 160.2 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 22.342 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX031006.D
 Acq: 01 Sep 2022 03:16

Tgt Ion: 75 Resp: 79506
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.427 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.055 min
 Lab File: VX031006.D
 Acq: 01 Sep 2022 03:16

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-39

Tgt Ion: 75 Resp: 79506
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.2 111.4#
 89 0.0 34.8 52.2#

