

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083122\
 Data File : VX031003.D
 Acq On : 01 Sep 2022 02:06
 Operator : JC/MD
 Sample : N4380-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-27

Quant Time: Sep 06 02:29:45 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)

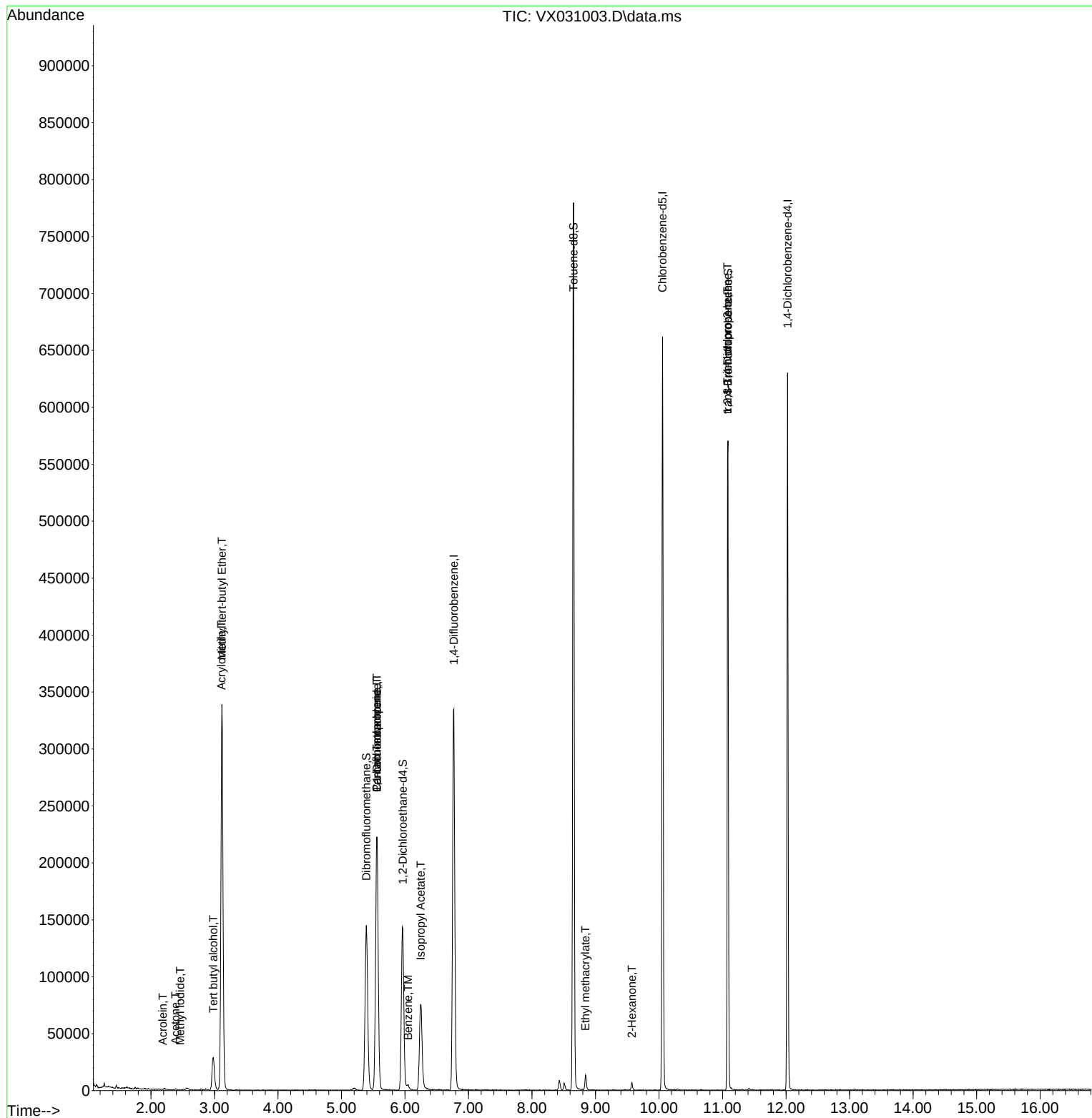
Internal Standards						
1) Pentafluorobenzene	5.556	168	222575	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	374094	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	323164	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	135941	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	140004	43.856	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.720%
35) Dibromofluoromethane	5.391	113	131415	47.655	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.320%
50) Toluene-d8	8.653	98	492077	48.184	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.360%
62) 4-Bromofluorobenzene	11.085	95	157937	43.428	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.860%
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	320	Below Cal	#	53
10) Methyl Iodide	2.459	142	240	4.462	ug/l #	56
11) Tert butyl alcohol	2.983	59	44099	58.306	ug/l	97
13) Acrolein	2.185	56	69	7.448	ug/l #	14
15) Acrylonitrile	3.111	53	4096	2.452	ug/l #	30
16) Acetone	2.386	43	1014	0.704	ug/l #	76
19) Methyl tert-butyl Ether	3.117	73	397814	45.153	ug/l	93
36) 1,1-Dichloropropene	5.556	75	15799	3.855	ug/l #	50
38) Carbon Tetrachloride	5.556	117	21088	5.404	ug/l #	18
40) Benzene	6.050	78	4943	0.418	ug/l	96
43) Isopropyl Acetate	6.245	43	19488	2.915	ug/l #	62
56) Ethyl methacrylate	8.842	69	1357	0.296	ug/l #	25
59) 2-Hexanone	9.573	43	1333	0.406	ug/l	70
76) 1,2,3-Trichloropropane	11.079	75	74613	22.294	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	74613	66.285	ug/l #	12

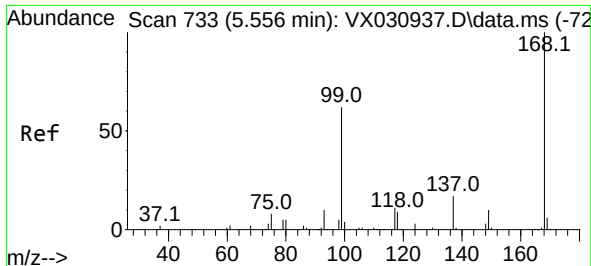
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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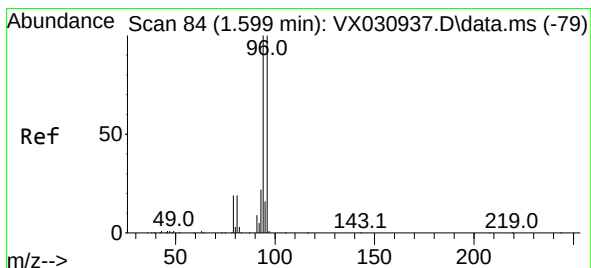
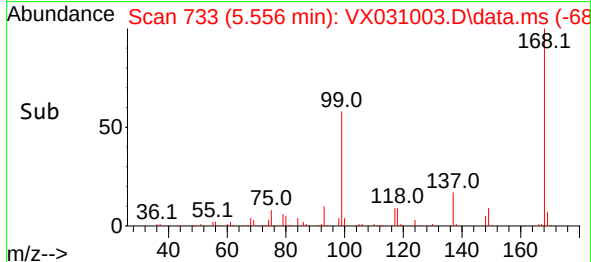
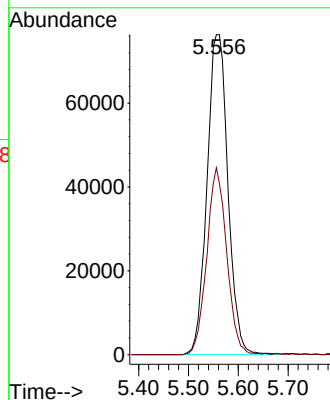
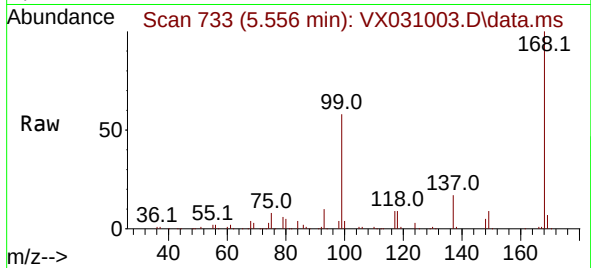




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031003.D
Acq: 01 Sep 2022 02:06

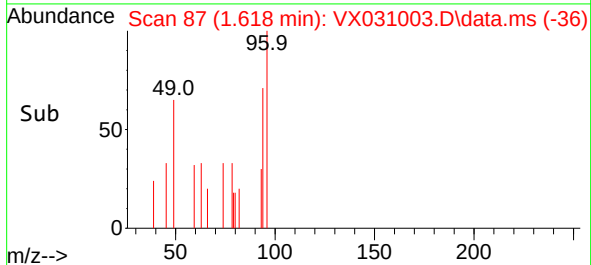
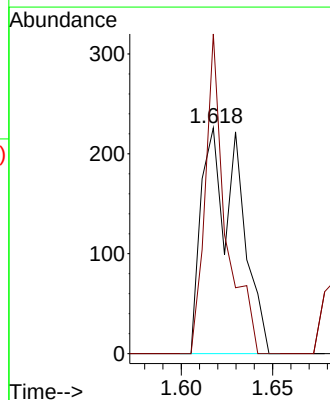
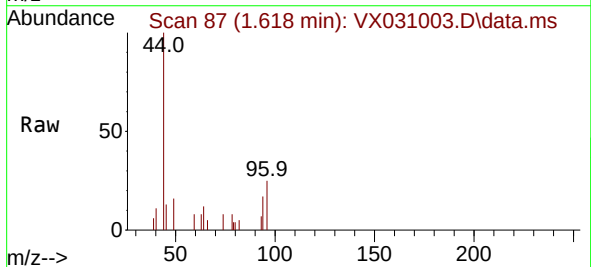
Instrument :
MSVOA_X
ClientSampleId :
MW-27

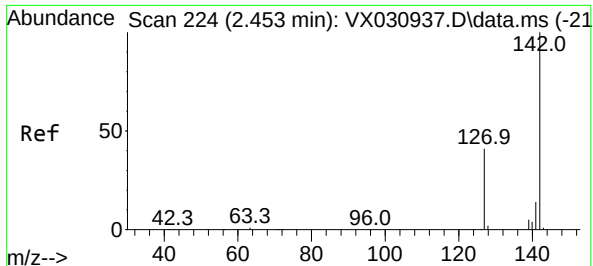
Tgt Ion:168 Resp: 222575
Ion Ratio Lower Upper
168 100
99 58.4 44.0 66.0



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.013 min
Lab File: VX031003.D
Acq: 01 Sep 2022 02:06

Tgt Ion: 94 Resp: 320
Ion Ratio Lower Upper
94 100
96 141.6 76.9 115.3#

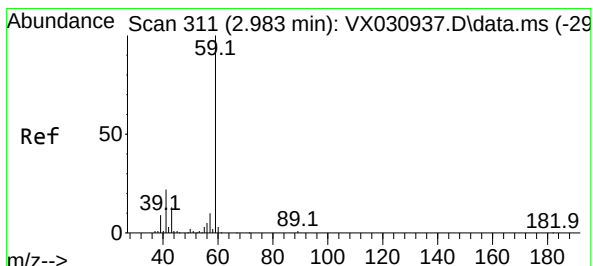
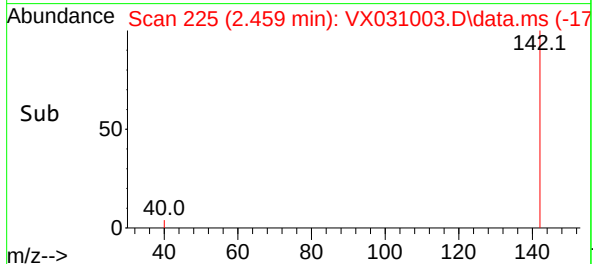
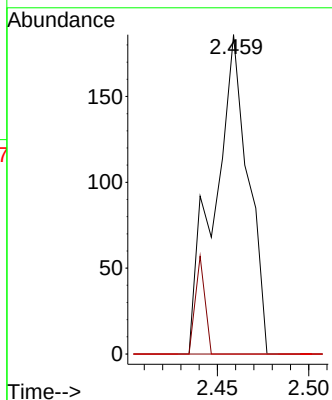
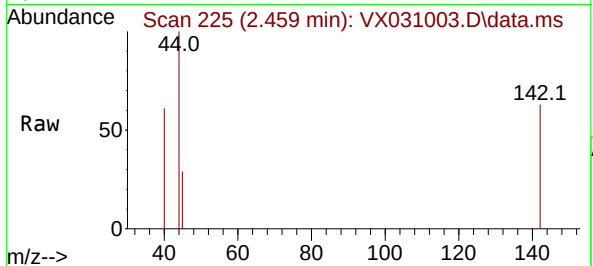




#10
Methyl Iodide
Concen: 4.462 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX031003.D
Acq: 01 Sep 2022 02:06

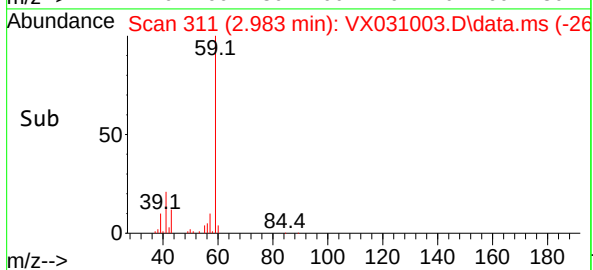
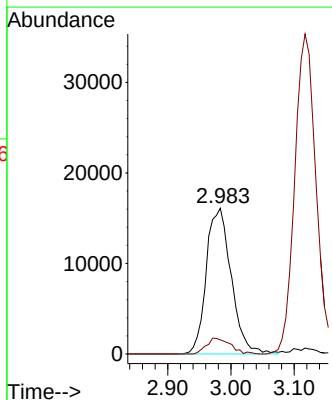
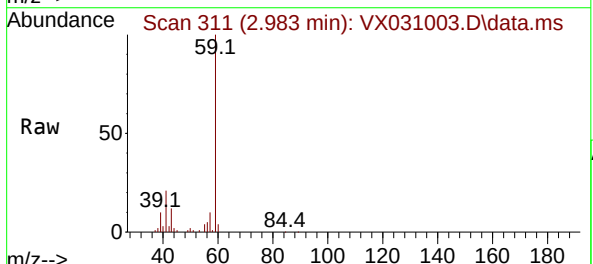
Instrument :
MSVOA_X
ClientSampleId :
MW-27

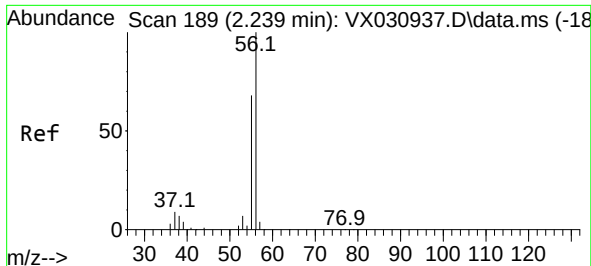
Tgt Ion:142 Resp: 240
Ion Ratio Lower Upper
142 100
127 8.8 30.2 45.2#
141 0.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: 58.306 ug/l
RT: 2.983 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX031003.D
Acq: 01 Sep 2022 02:06

Tgt Ion: 59 Resp: 44099
Ion Ratio Lower Upper
59 100
57 10.4 7.4 11.2

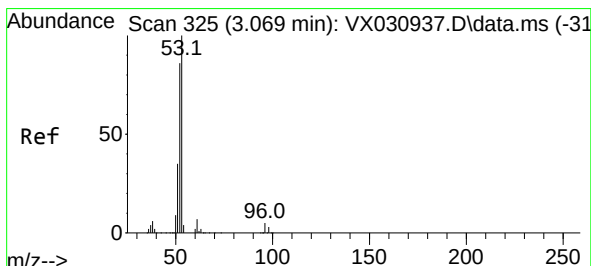
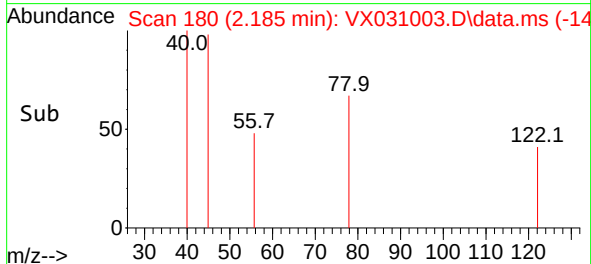
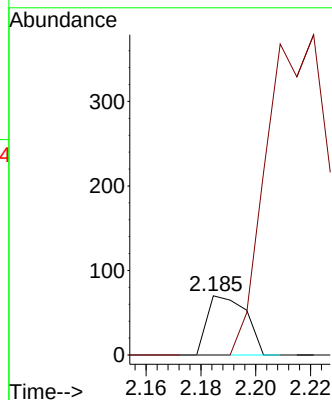
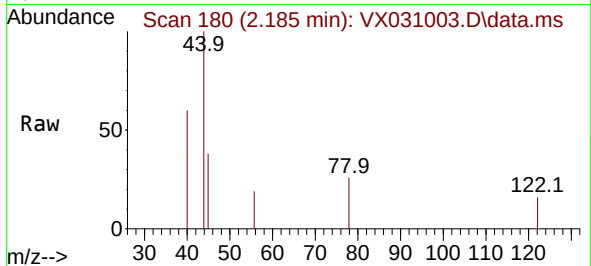




#13
Acrolein
Concen: 7.448 ug/l
RT: 2.185 min Scan# 11
Delta R.T. -0.054 min
Lab File: VX031003.D
Acq: 01 Sep 2022 02:06

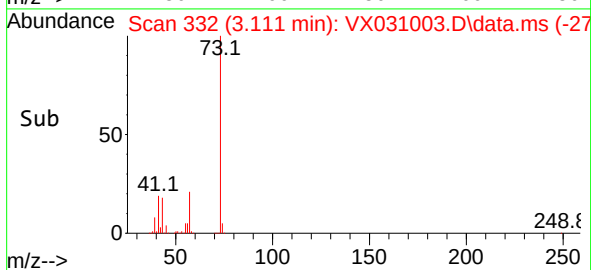
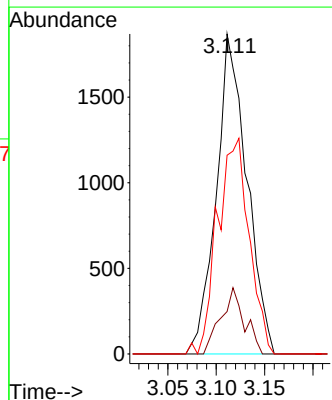
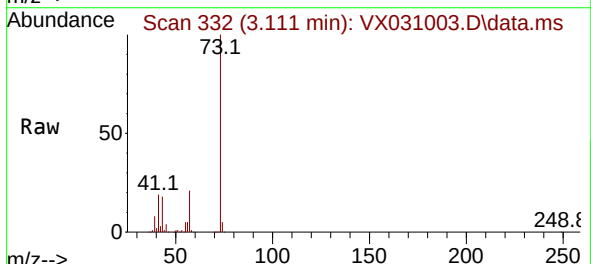
Instrument :
MSVOA_X
ClientSampleId :
MW-27

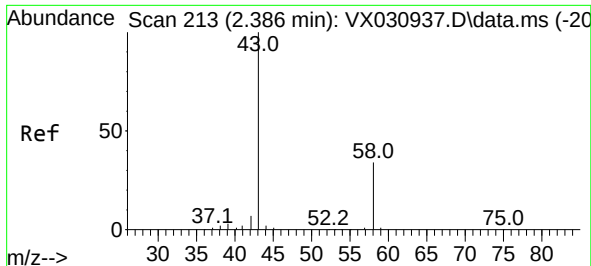
Tgt Ion: 56 Resp: 69
Ion Ratio Lower Upper
56 100
55 0.0 56.6 84.8#



#15
Acrylonitrile
Concen: 2.452 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.042 min
Lab File: VX031003.D
Acq: 01 Sep 2022 02:06

Tgt Ion: 53 Resp: 4096
Ion Ratio Lower Upper
53 100
52 16.0 65.4 98.0#
51 70.1 27.7 41.5#

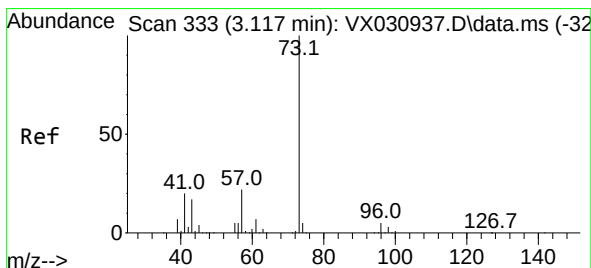
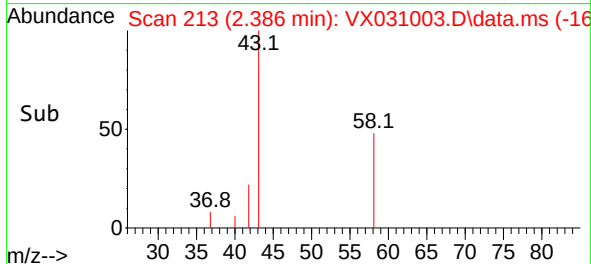
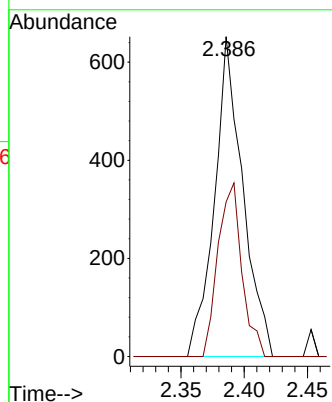
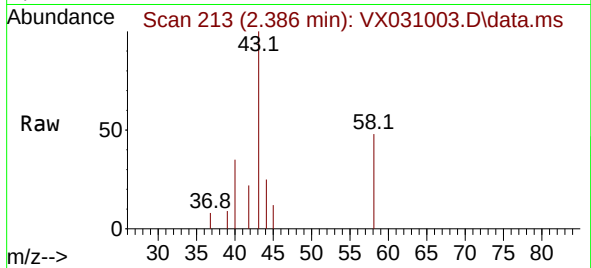




#16
Acetone
Concen: 0.704 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX031003.D
Acq: 01 Sep 2022 02:06

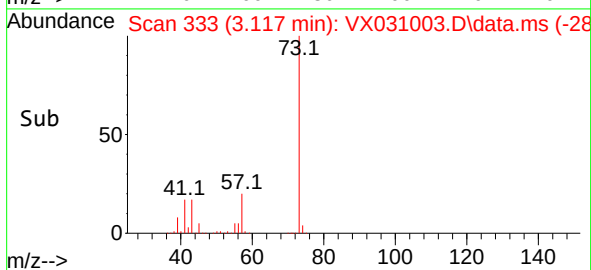
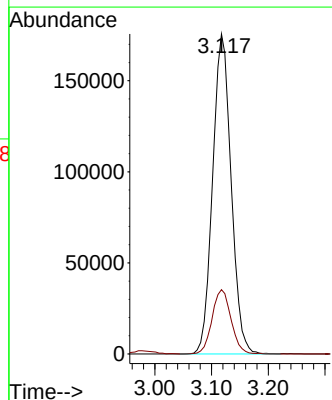
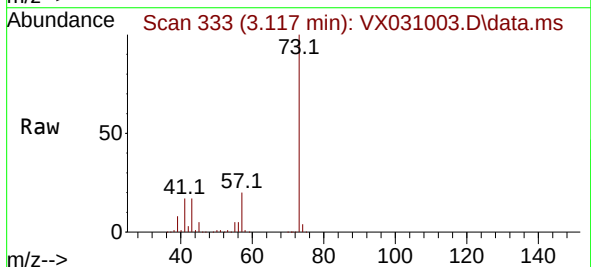
Instrument :
MSVOA_X
ClientSampleId :
MW-27

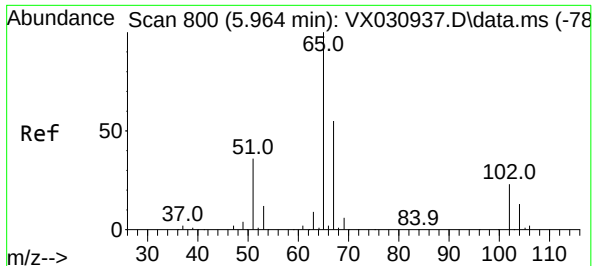
Tgt Ion: 43 Resp: 1014
Ion Ratio Lower Upper
43 100
58 48.3 27.7 41.5#



#19
Methyl tert-butyl Ether
Concen: 45.153 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX031003.D
Acq: 01 Sep 2022 02:06

Tgt Ion: 73 Resp: 397814
Ion Ratio Lower Upper
73 100
57 20.1 19.0 28.6





#33

1,2-Dichloroethane-d4

Concen: 43.856 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX031003.D

Acq: 01 Sep 2022 02:06

Instrument :

MSVOA_X

ClientSampleId :

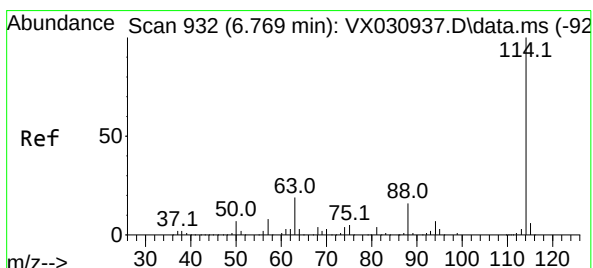
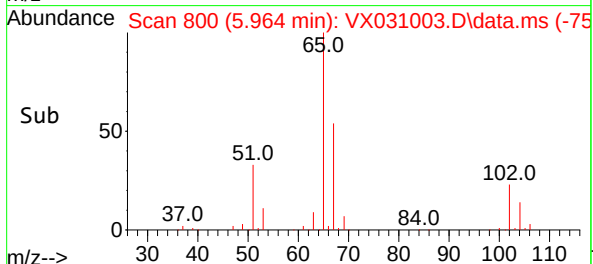
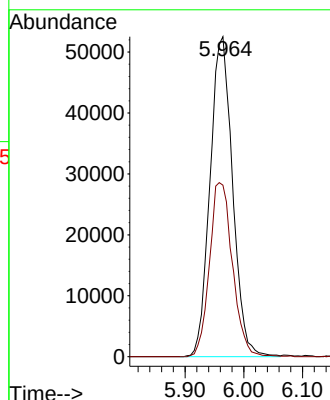
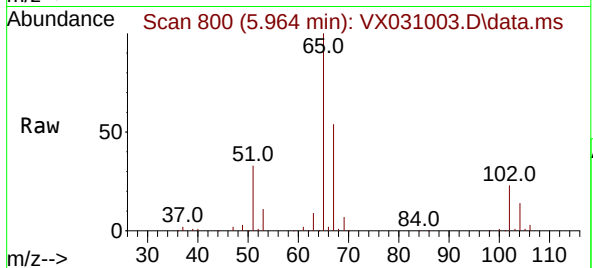
MW-27

Tgt Ion: 65 Resp: 140004

Ion Ratio Lower Upper

65 100

67 55.5 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX031003.D

Acq: 01 Sep 2022 02:06

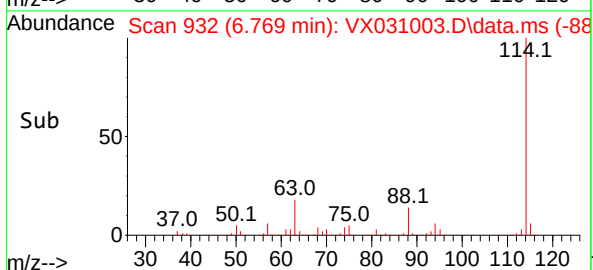
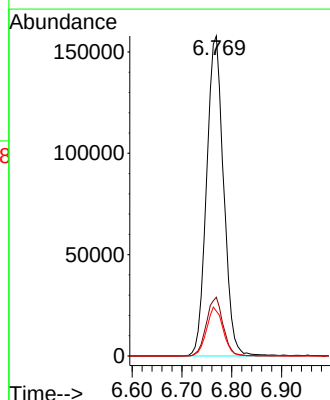
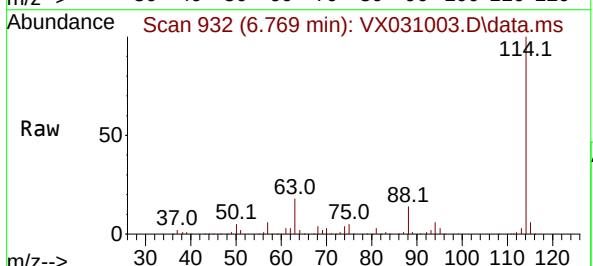
Tgt Ion: 114 Resp: 374094

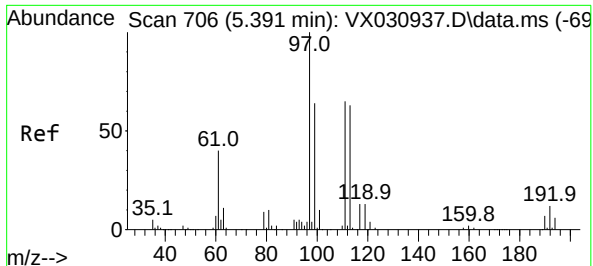
Ion Ratio Lower Upper

114 100

63 18.4 0.0 38.4

88 14.0 0.0 31.8

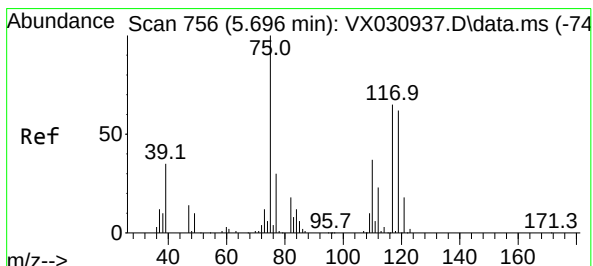
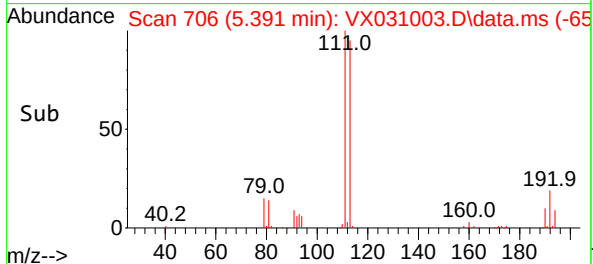
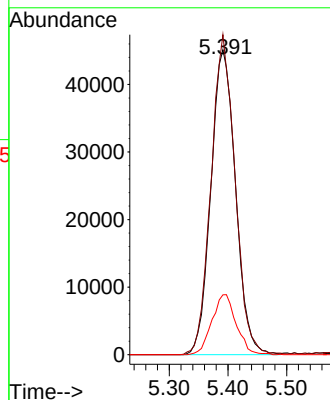
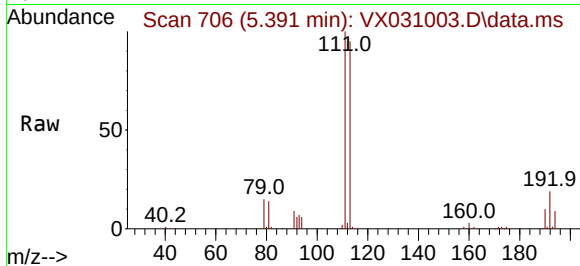




#35
Dibromofluoromethane
Concen: 47.655 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX031003.D
Acq: 01 Sep 2022 02:06

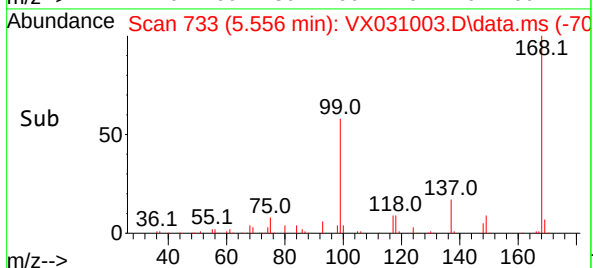
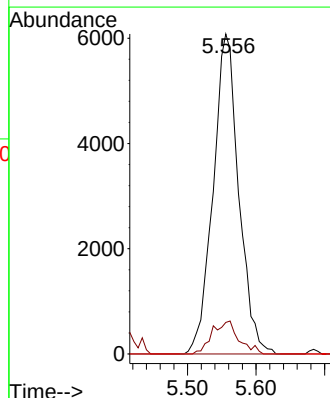
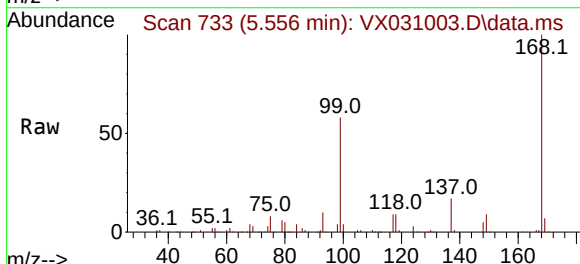
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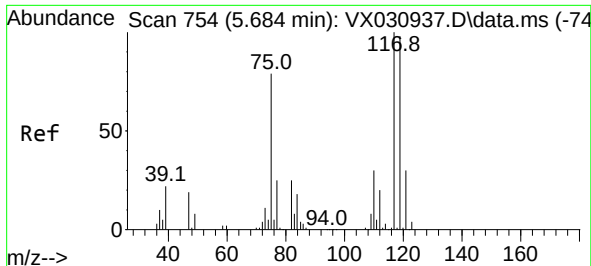
Tgt Ion:113 Resp: 131415
Ion Ratio Lower Upper
113 100
111 102.2 83.2 124.8
192 19.4 14.8 22.2



#36
1,1-Dichloropropene
Concen: 3.855 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX031003.D
Acq: 01 Sep 2022 02:06

Tgt Ion: 75 Resp: 15799
Ion Ratio Lower Upper
75 100
110 10.7 19.3 57.9#
77 0.0 24.4 36.6#

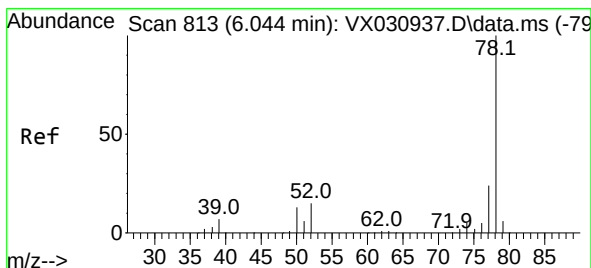
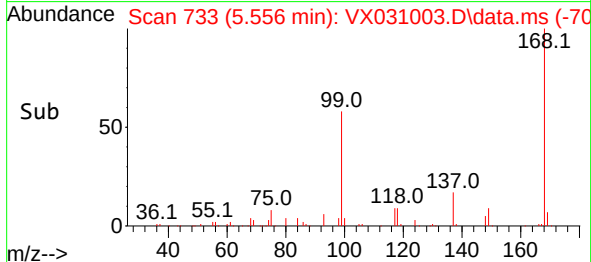
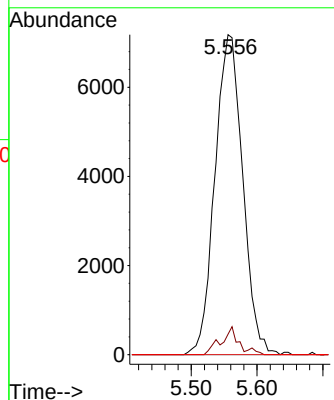
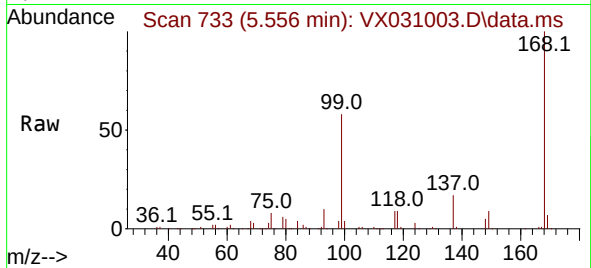




#38
Carbon Tetrachloride
Concen: 5.404 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX031003.D
Acq: 01 Sep 2022 02:06

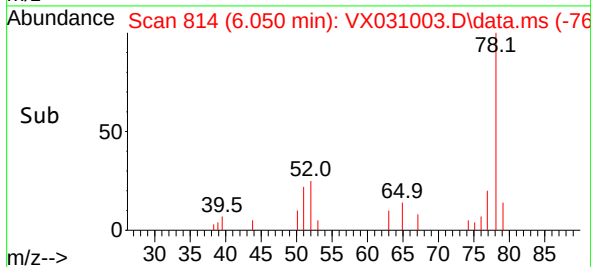
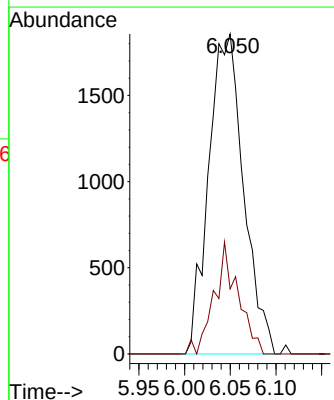
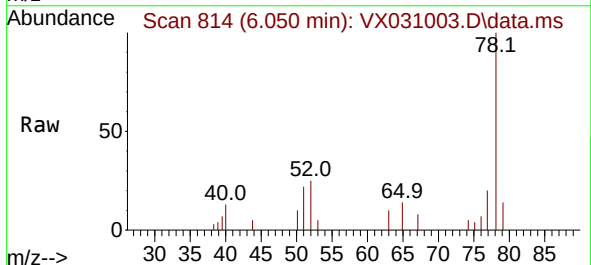
Instrument :
MSVOA_X
ClientSampleId :
MW-27

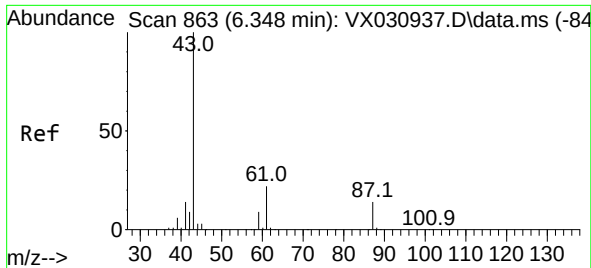
Tgt Ion:117 Resp: 21088
Ion Ratio Lower Upper
117 100
119 6.4 74.1 111.1#
121 0.0 25.8 38.8#



#40
Benzene
Concen: 0.418 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.006 min
Lab File: VX031003.D
Acq: 01 Sep 2022 02:06

Tgt Ion: 78 Resp: 4943
Ion Ratio Lower Upper
78 100
77 20.4 18.0 27.0

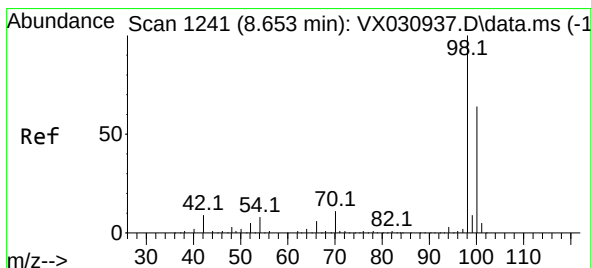
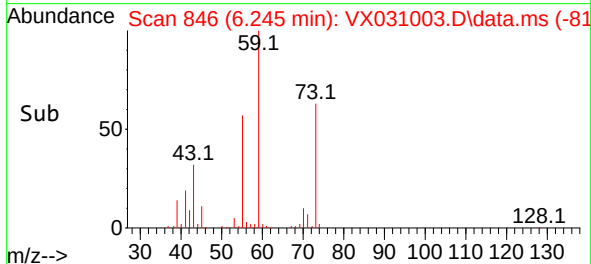
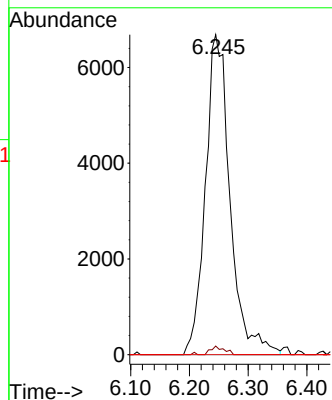
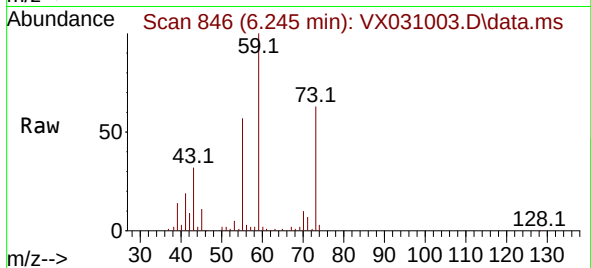




#43
Isopropyl Acetate
Concen: 2.915 ug/l
RT: 6.245 min Scan# 84
Delta R.T. -0.103 min
Lab File: VX031003.D
Acq: 01 Sep 2022 02:06

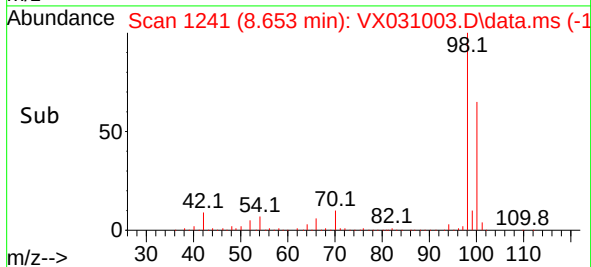
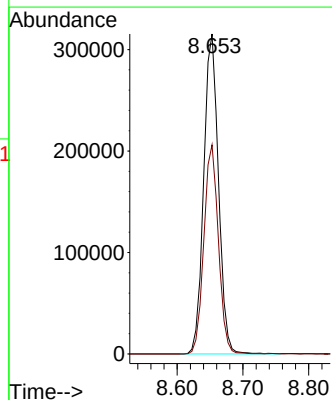
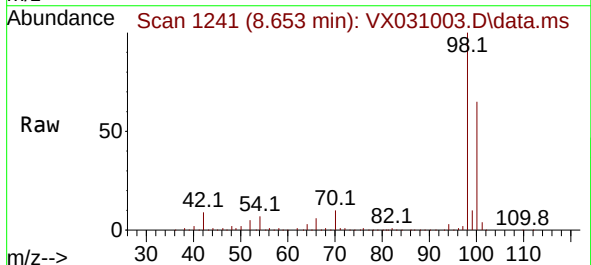
Instrument :
MSVOA_X
ClientSampleId :
MW-27

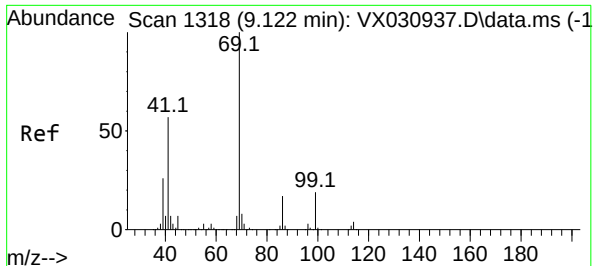
Tgt Ion: 43 Resp: 19488
Ion Ratio Lower Upper
43 100
61 1.5 16.5 24.7#
87 0.0 11.1 16.7#



#50
Toluene-d8
Concen: 48.184 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031003.D
Acq: 01 Sep 2022 02:06

Tgt Ion: 98 Resp: 492077
Ion Ratio Lower Upper
98 100
100 64.3 52.3 78.5

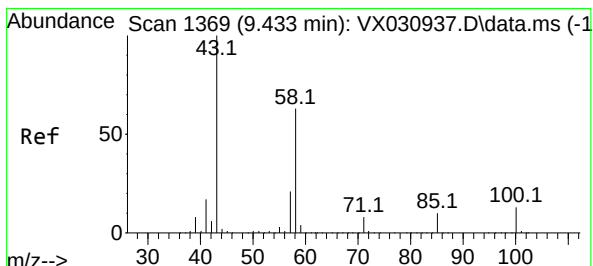
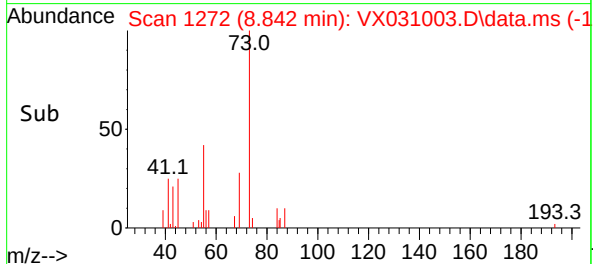
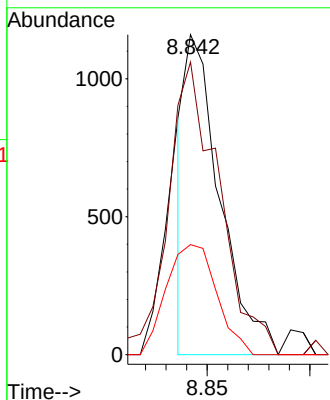
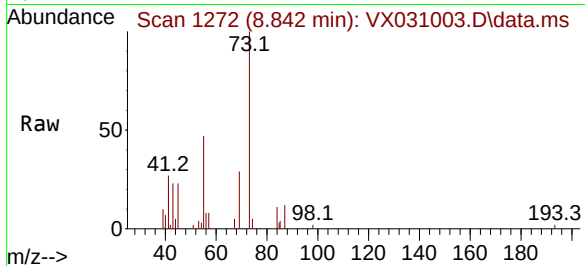




#56
Ethyl methacrylate
Concen: 0.296 ug/l
RT: 8.842 min Scan# 1318
Delta R.T. -0.280 min
Lab File: VX031003.D
Acq: 01 Sep 2022 02:06

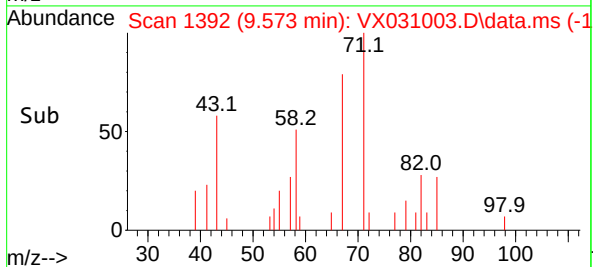
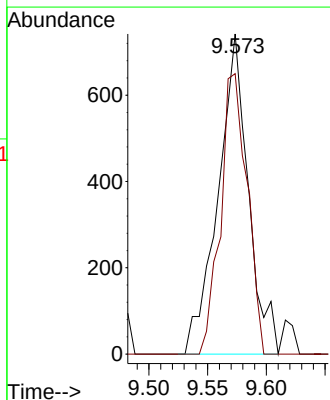
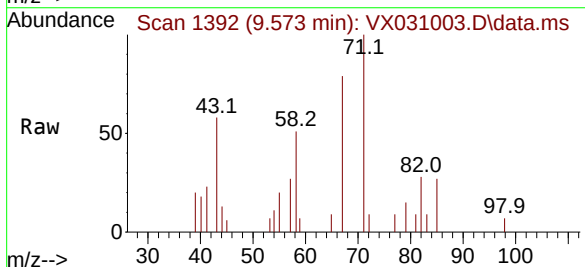
Instrument :
MSVOA_X
ClientSampleId :
MW-27

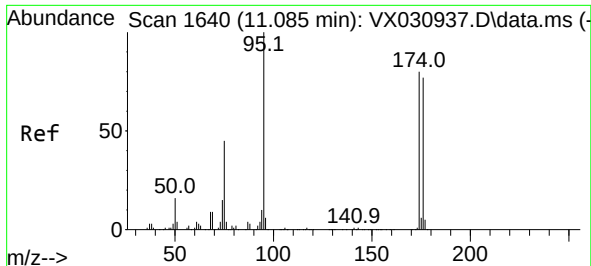
Tgt Ion: 69 Resp: 1357
Ion Ratio Lower Upper
69 100
41 0.0 52.3 78.5#
39 0.0 28.2 42.4#



#59
2-Hexanone
Concen: 0.406 ug/l
RT: 9.573 min Scan# 1392
Delta R.T. 0.140 min
Lab File: VX031003.D
Acq: 01 Sep 2022 02:06

Tgt Ion: 43 Resp: 1333
Ion Ratio Lower Upper
43 100
58 76.7 27.6 82.8

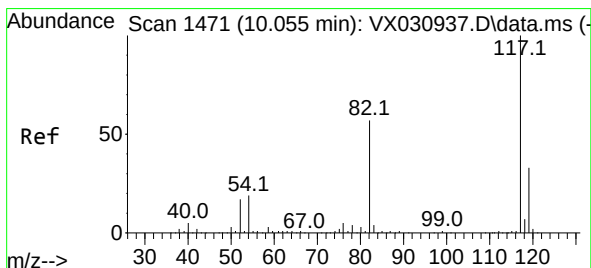
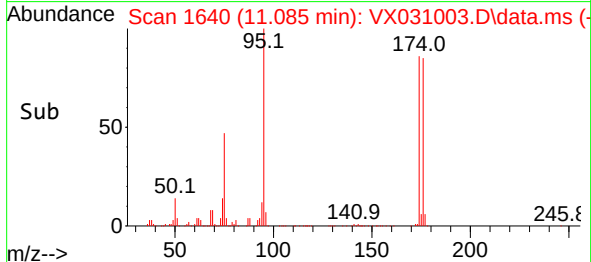
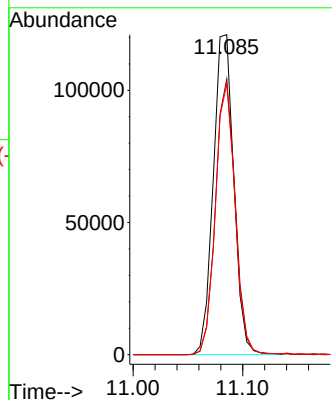
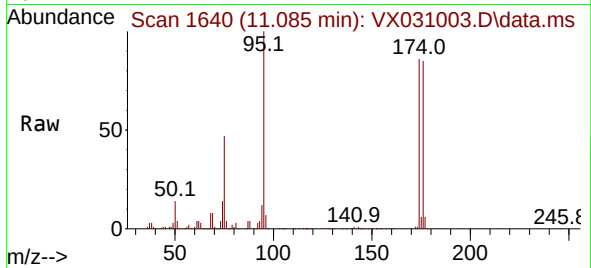




#62
4-Bromofluorobenzene
Concen: 43.428 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX031003.D
Acq: 01 Sep 2022 02:06

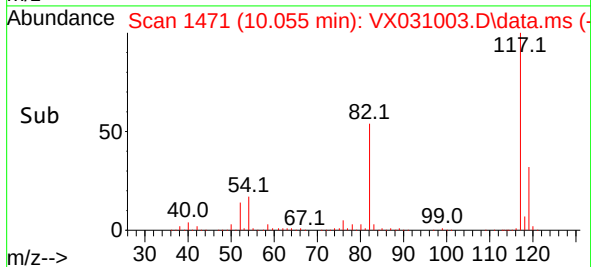
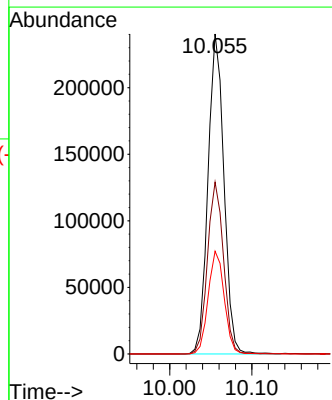
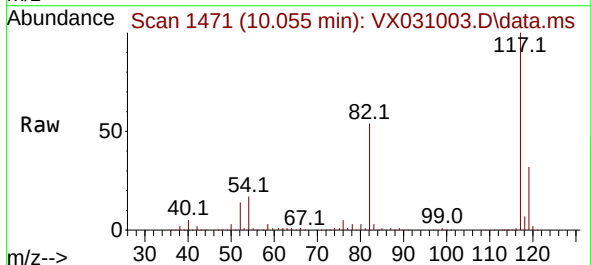
Instrument :
MSVOA_X
ClientSampleId :
MW-27

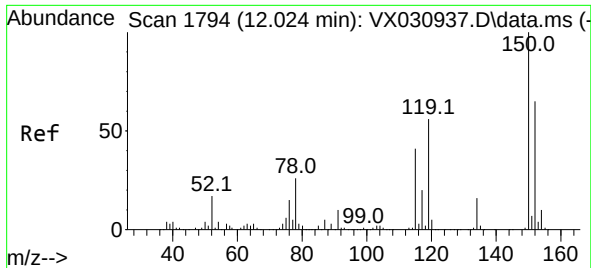
Tgt Ion: 95 Resp: 157937
Ion Ratio Lower Upper
95 100
174 82.6 0.0 149.0
176 81.3 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031003.D
Acq: 01 Sep 2022 02:06

Tgt Ion: 117 Resp: 323164
Ion Ratio Lower Upper
117 100
82 53.7 42.7 64.1
119 32.1 25.4 38.2

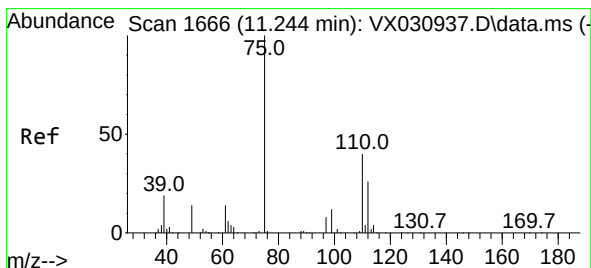
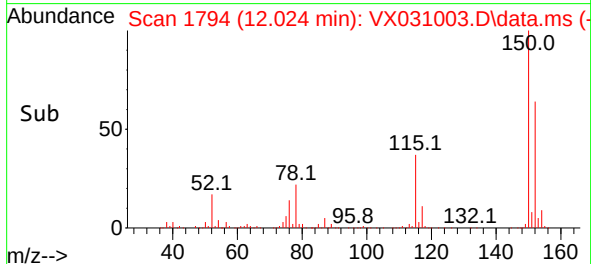
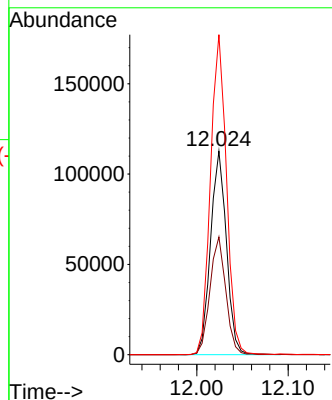
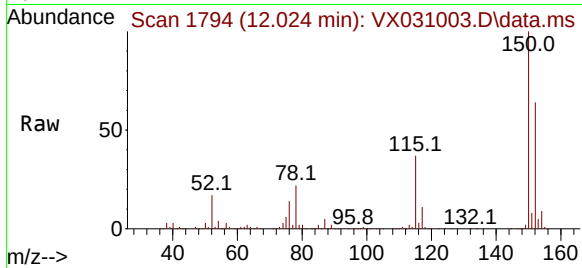




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX031003.D
 Acq: 01 Sep 2022 02:06

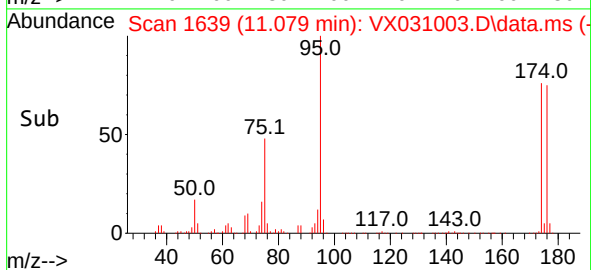
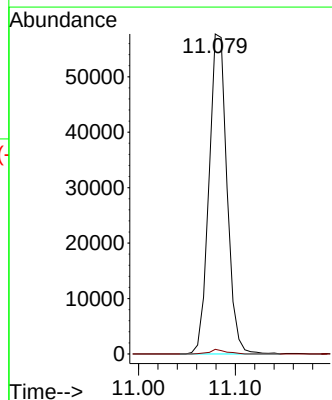
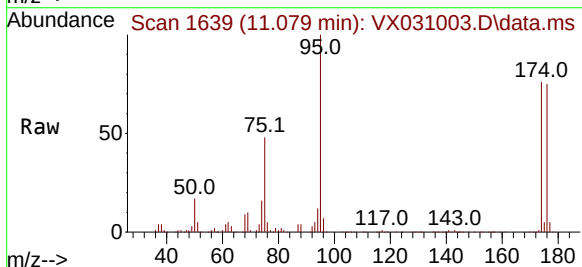
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-27

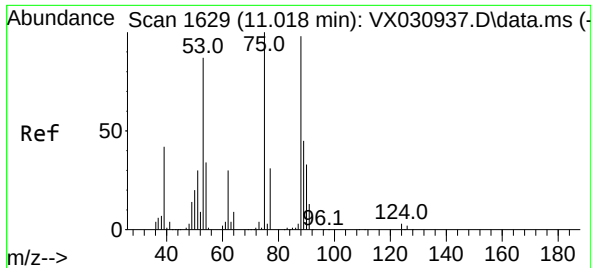
Tgt Ion:152 Resp: 135941
 Ion Ratio Lower Upper
 152 100
 115 57.8 40.5 121.5
 150 158.1 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 22.294 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX031003.D
 Acq: 01 Sep 2022 02:06

Tgt Ion: 75 Resp: 74613
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.285 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.055 min
 Lab File: VX031003.D
 Acq: 01 Sep 2022 02:06

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-27

Tgt Ion: 75 Resp: 74613
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.2 111.4#
 89 0.0 34.8 52.2#

