

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092222\
 Data File : VX031569.D
 Acq On : 22 Sep 2022 14:47
 Operator : JC/MD
 Sample : N4642-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-10

Quant Time: Sep 23 01:49:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 09:45:29 2022
 Response via : Initial Calibration

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

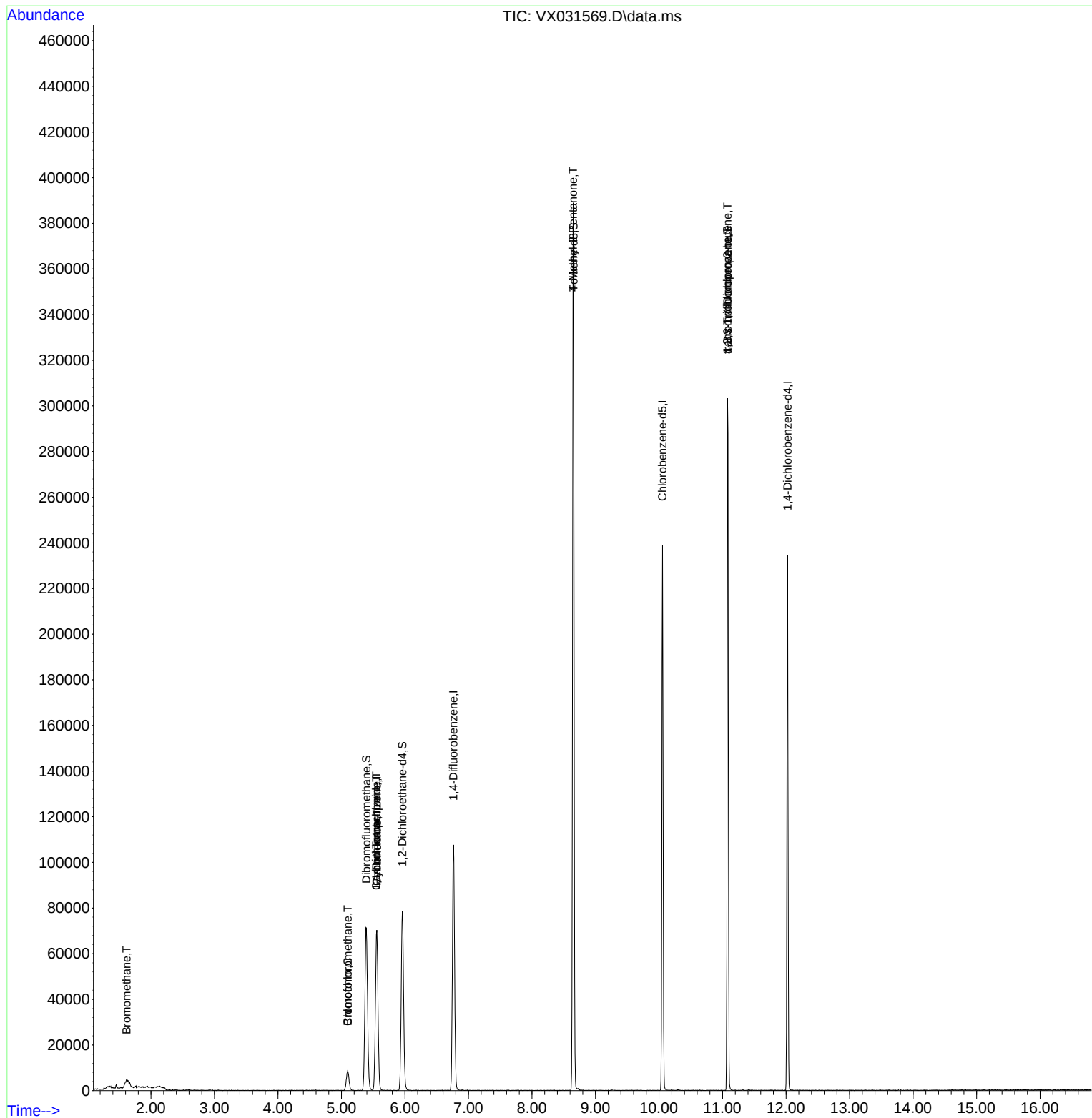
Internal Standards						
1) Pentafluorobenzene	5.556	168	68341	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	111890	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	101292	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	46875	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	69092	55.135	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.260%	
35) Dibromofluoromethane	5.391	113	58917	50.958	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.920%	
50) Toluene-d8	8.653	98	227920	51.128	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.260%	
62) 4-Bromofluorobenzene	11.079	95	67760	44.874	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 89.740%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	511	0.241	ug/l	92
6) Chloroethane	1.654	64	32	Below Cal	#	43
11) Tert butyl alcohol	2.959	59	252	Below Cal	#	73
13) Acrolein	2.069	56	44	Below Cal	#	78
16) Acetone	2.392	43	401	Below Cal	#	45
28) Bromochloromethane	5.099	49	894	1.054	ug/l #	15
30) Chloroform	5.099	83	10121	4.347	ug/l	94
31) Cyclohexane	5.556	56	1535	0.826	ug/l #	21
36) 1,1-Dichloropropene	5.550	75	5028	2.827	ug/l #	50
38) Carbon Tetrachloride	5.550	117	6628	3.362	ug/l #	18
51) 4-Methyl-2-Pentanone	8.647	43	1085	0.517	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.085	83	42	Below Cal	#	1
76) 1,2,3-Trichloropropane	11.079	75	39464	37.721	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	39464	121.457	ug/l #	11

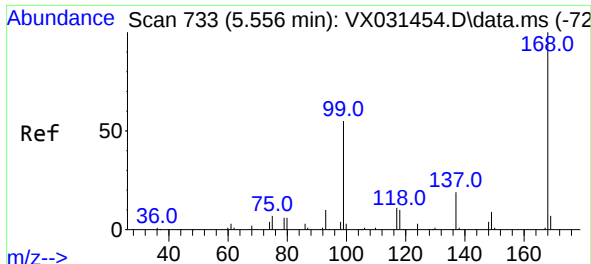
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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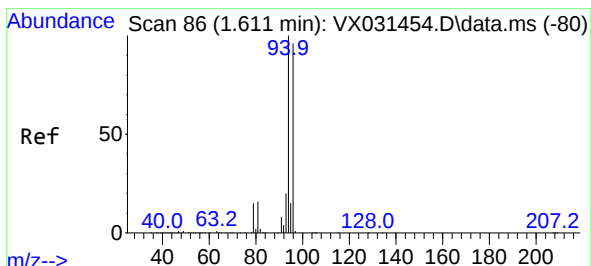
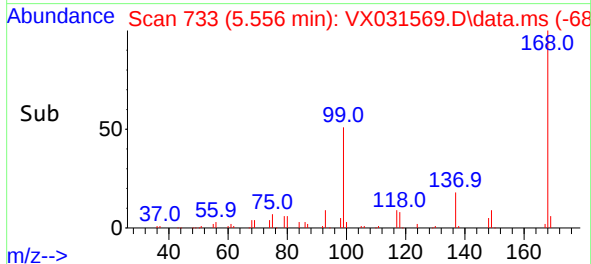
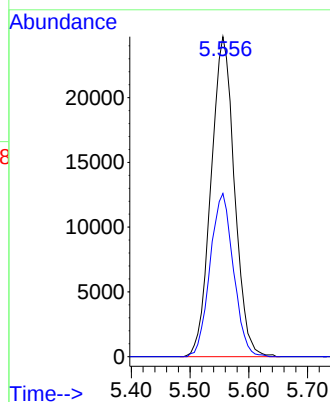
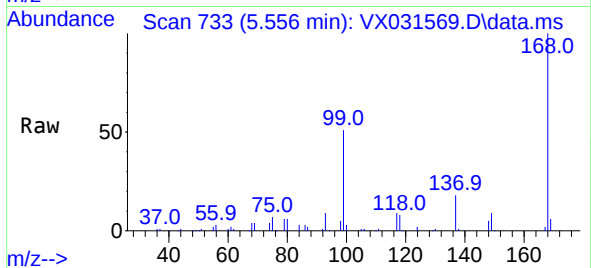




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031569.D
Acq: 22 Sep 2022 14:47

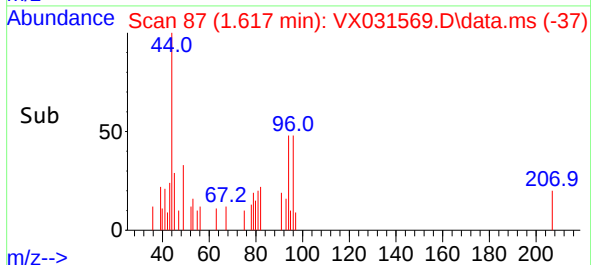
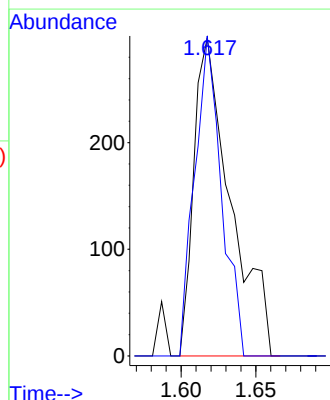
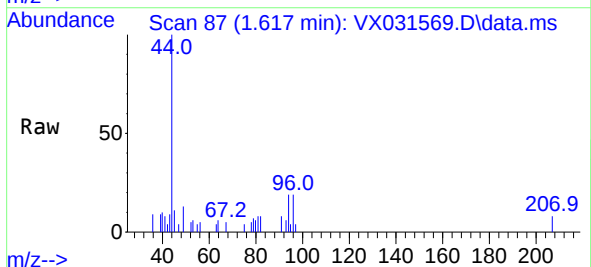
Instrument :
MSVOA_X
ClientSampleId :
MW-10

Tgt Ion:168 Resp: 68341
Ion Ratio Lower Upper
168 100
99 51.0 48.8 73.2

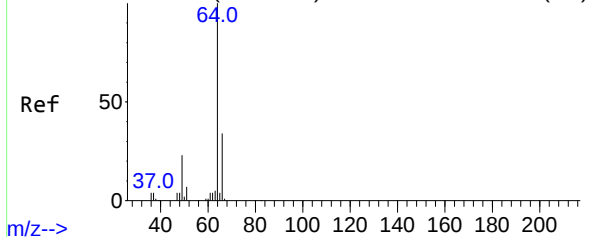


#5
Bromomethane
Concen: 0.241 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.006 min
Lab File: VX031569.D
Acq: 22 Sep 2022 14:47

Tgt Ion: 94 Resp: 511
Ion Ratio Lower Upper
94 100
96 100.7 74.4 111.6



Abundance Scan 98 (1.685 min): VX031454.D\data.ms (-92)



#6

Chloroethane

Concen: Below Cal

RT: 1.654 min Scan# 91

Delta R.T. -0.031 min

Lab File: VX031569.D

Acq: 22 Sep 2022 14:47

Instrument :

MSVOA_X

ClientSampleId :

MW-10

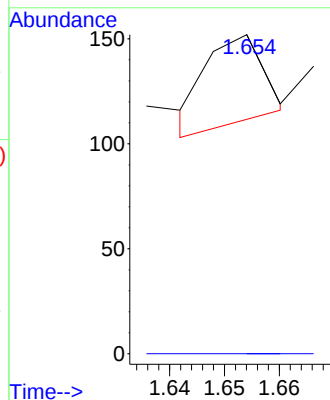
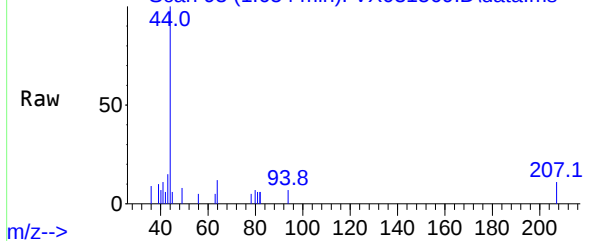
Tgt Ion: 64 Resp: 32

Ion Ratio Lower Upper

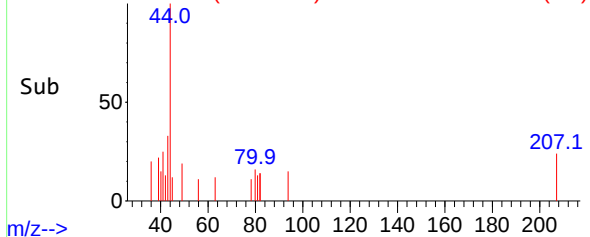
64 100

66 0.0 25.0 37.4#

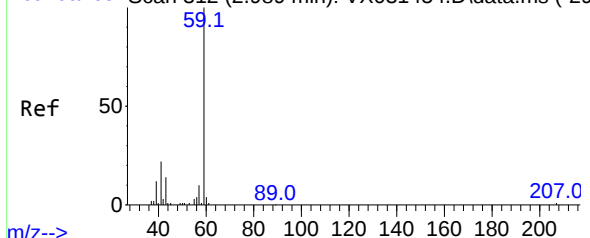
Abundance Scan 93 (1.654 min): VX031569.D\data.ms



Abundance Scan 93 (1.654 min): VX031569.D\data.ms (-49)



Abundance Scan 312 (2.989 min): VX031454.D\data.ms (-29)



#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.959 min Scan# 307

Delta R.T. -0.030 min

Lab File: VX031569.D

Acq: 22 Sep 2022 14:47

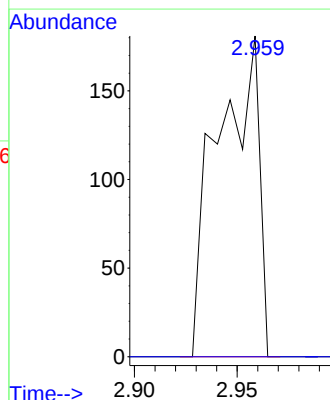
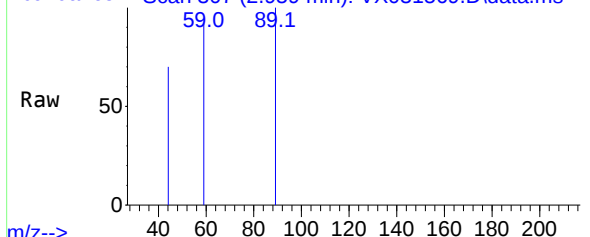
Tgt Ion: 59 Resp: 252

Ion Ratio Lower Upper

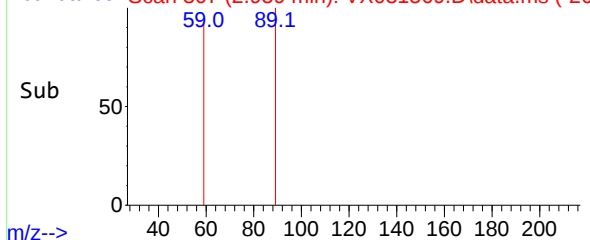
59 100

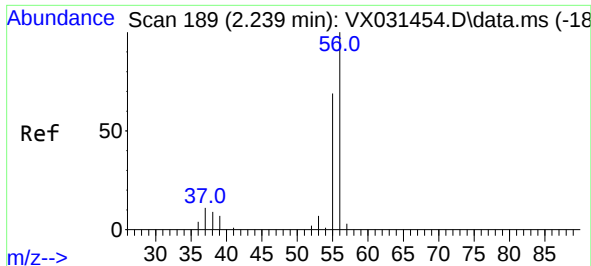
57 0.0 8.2 12.2#

Abundance Scan 307 (2.959 min): VX031569.D\data.ms



Abundance Scan 307 (2.959 min): VX031569.D\data.ms (-26)

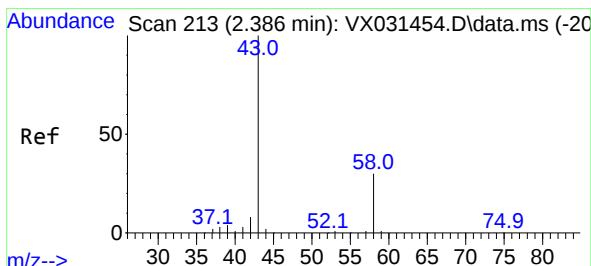
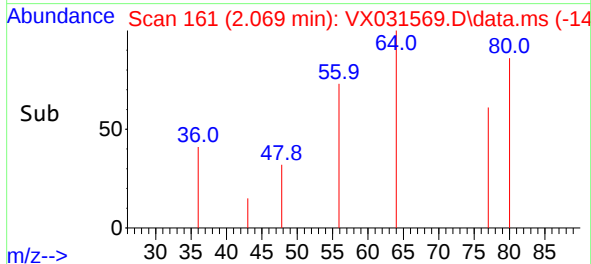
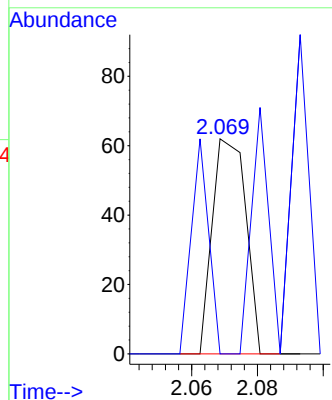
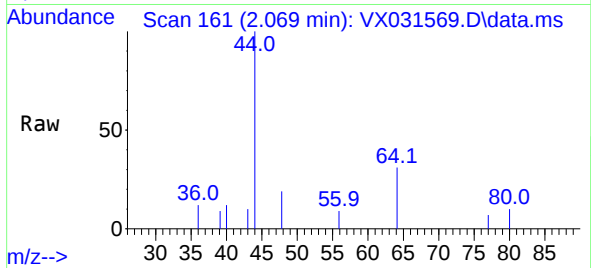




#13
Acrolein
Concen: Below Cal
RT: 2.069 min Scan# 11
Delta R.T. -0.170 min
Lab File: VX031569.D
Acq: 22 Sep 2022 14:47

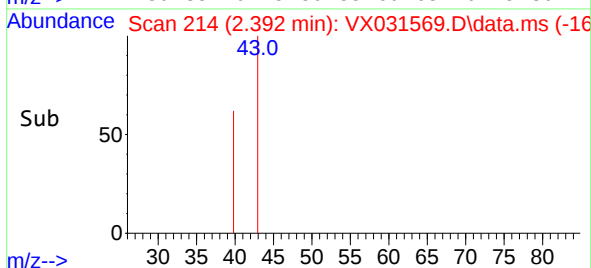
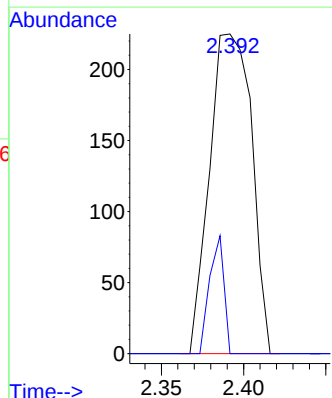
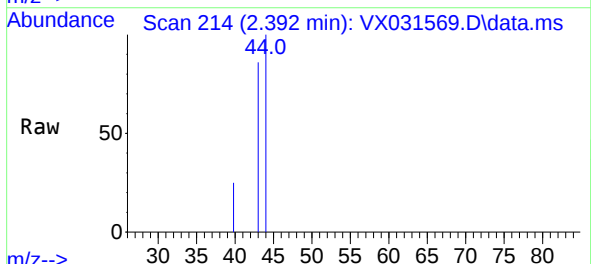
Instrument :
MSVOA_X
ClientSampleId :
MW-10

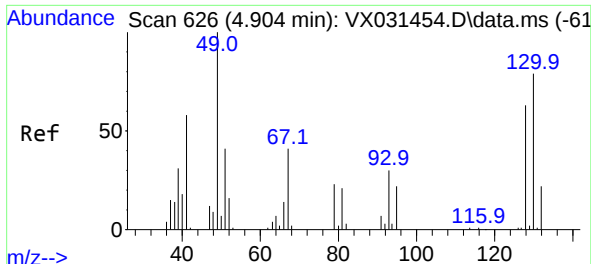
Tgt Ion: 56 Resp: 44
Ion Ratio Lower Upper
56 100
55 52.3 56.0 84.0#



#16
Acetone
Concen: Below Cal
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX031569.D
Acq: 22 Sep 2022 14:47

Tgt Ion: 43 Resp: 401
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#

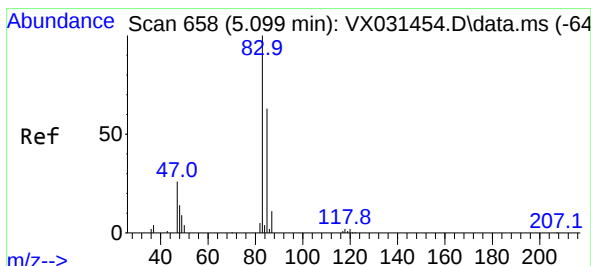
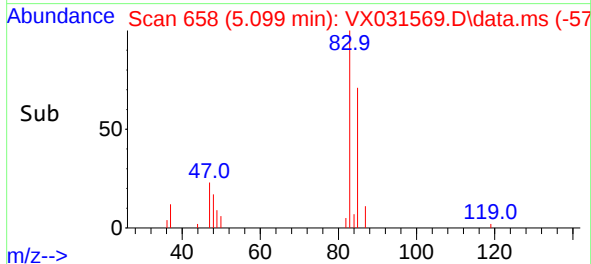
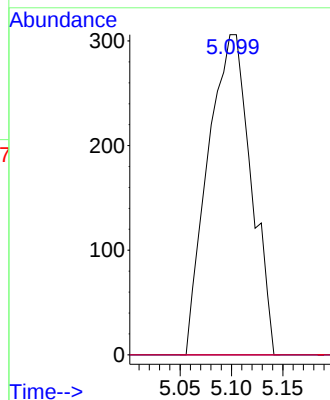
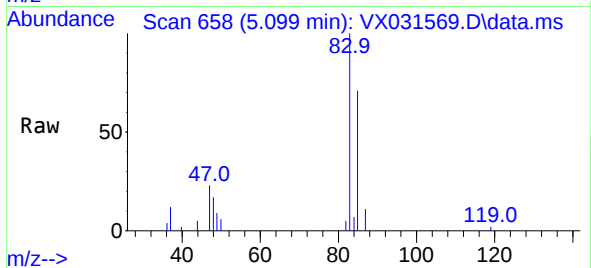




#28
Bromochloromethane
Concen: 1.054 ug/l
RT: 5.099 min Scan# 61
Delta R.T. 0.195 min
Lab File: VX031569.D
Acq: 22 Sep 2022 14:47

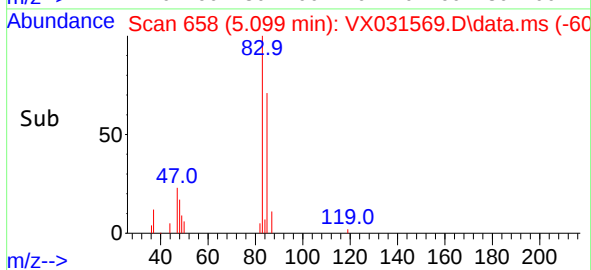
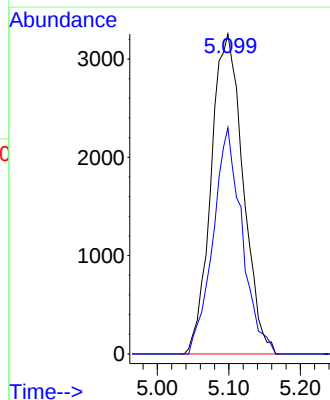
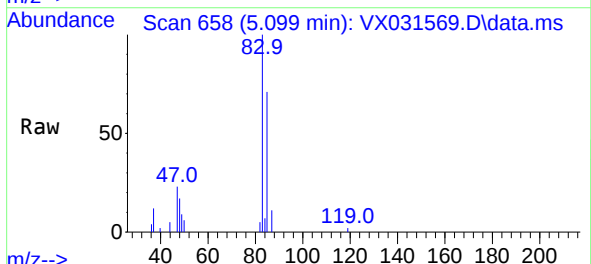
Instrument :
MSVOA_X
ClientSampleId :
MW-10

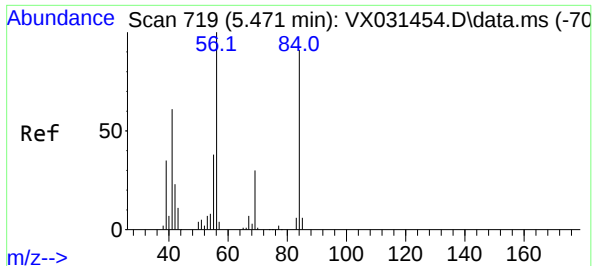
Tgt Ion: 49 Resp: 894
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.6
130 0.0 59.0 88.4#



#30
Chloroform
Concen: 4.347 ug/l
RT: 5.099 min Scan# 658
Delta R.T. -0.000 min
Lab File: VX031569.D
Acq: 22 Sep 2022 14:47

Tgt Ion: 83 Resp: 10121
Ion Ratio Lower Upper
83 100
85 70.7 52.8 79.2

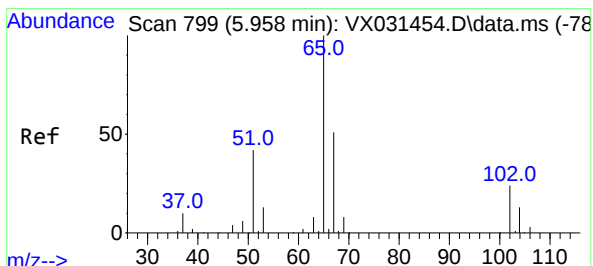
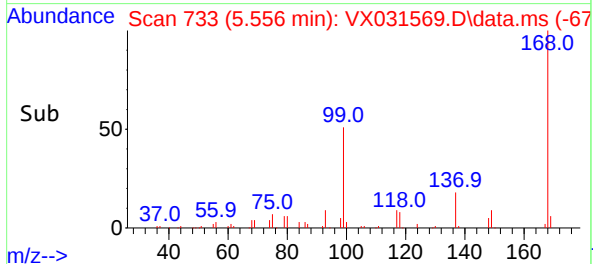
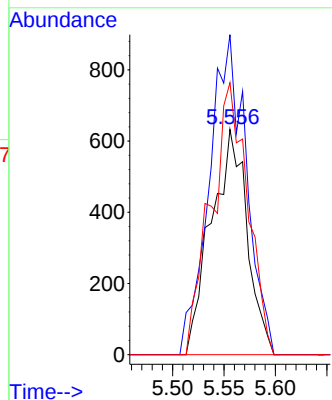
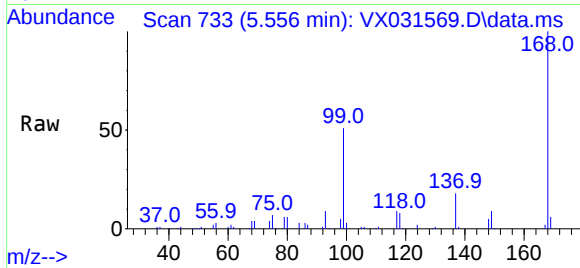




#31
Cyclohexane
Concen: 0.826 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX031569.D
Acq: 22 Sep 2022 14:47

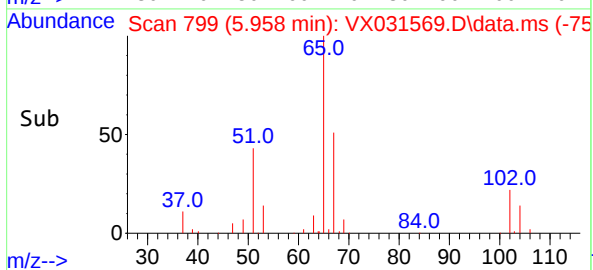
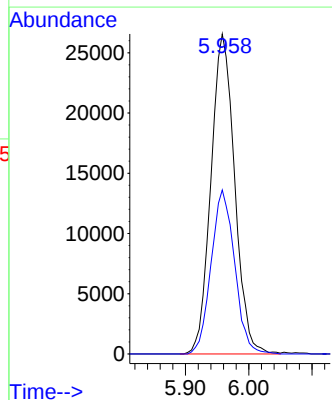
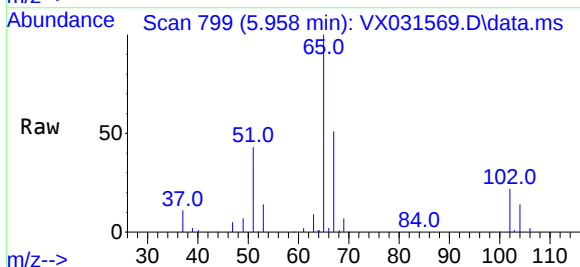
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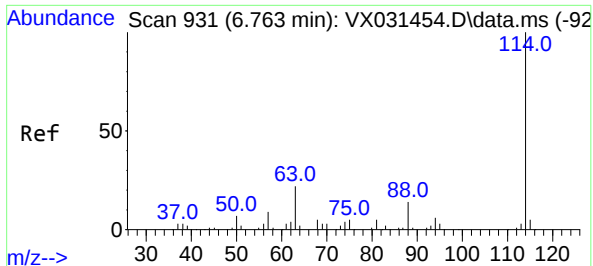
Tgt Ion: 56 Resp: 1535
Ion Ratio Lower Upper
56 100
69 142.0 25.1 37.7#
84 120.7 70.2 105.4#



#33
1,2-Dichloroethane-d4
Concen: 55.135 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031569.D
Acq: 22 Sep 2022 14:47

Tgt Ion: 65 Resp: 69092
Ion Ratio Lower Upper
65 100
67 50.8 0.0 102.4

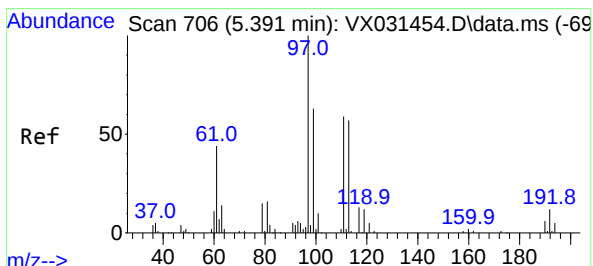
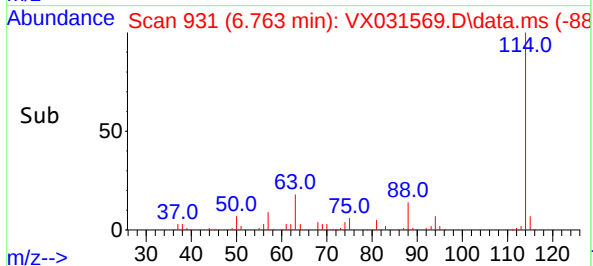
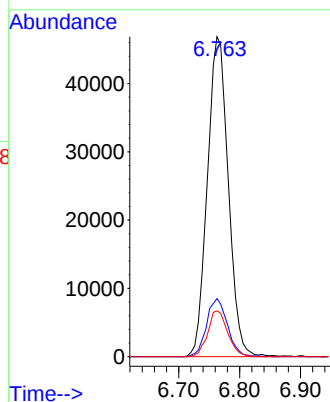
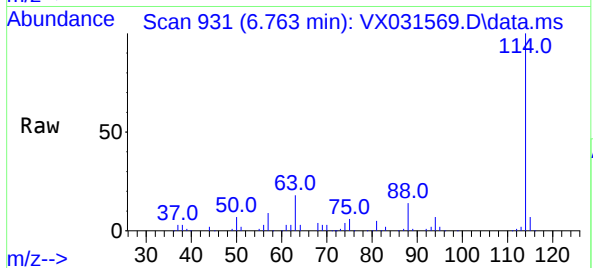




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX031569.D
Acq: 22 Sep 2022 14:47

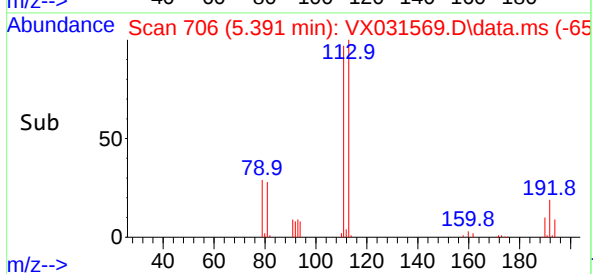
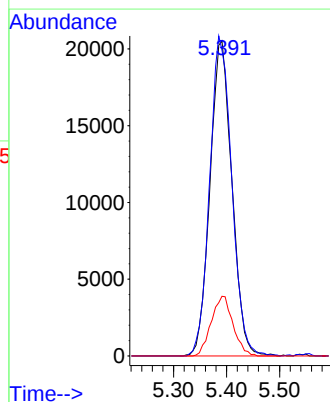
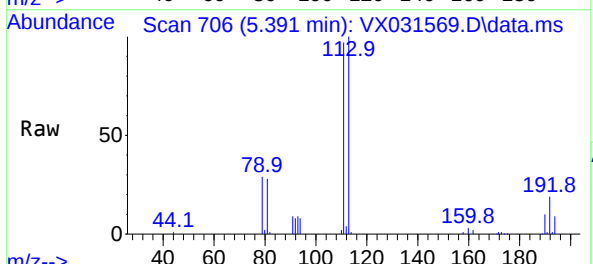
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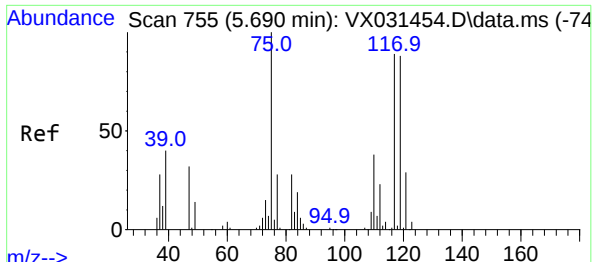
Tgt Ion:114 Resp: 111890
Ion Ratio Lower Upper
114 100
63 18.1 0.0 42.6
88 14.3 0.0 33.0



#35
Dibromofluoromethane
Concen: 50.958 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX031569.D
Acq: 22 Sep 2022 14:47

Tgt Ion:113 Resp: 58917
Ion Ratio Lower Upper
113 100
111 102.3 82.4 123.6
192 18.8 14.1 21.1

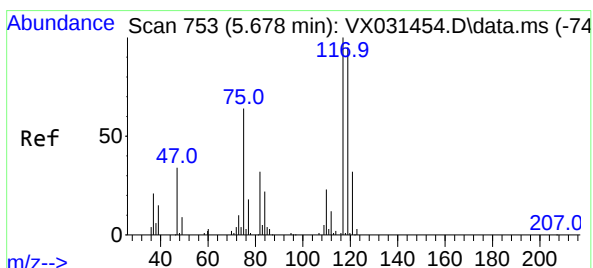
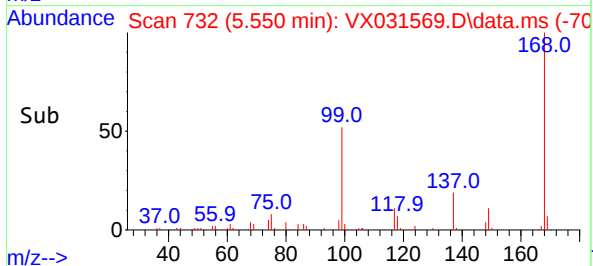
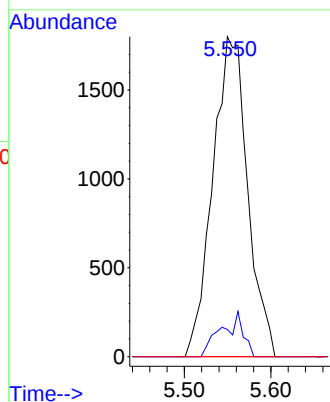
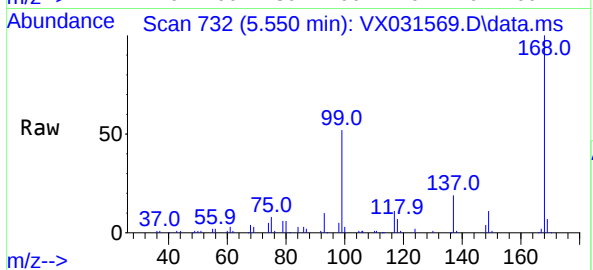




#36
1,1-Dichloropropene
Concen: 2.827 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX031569.D
Acq: 22 Sep 2022 14:47

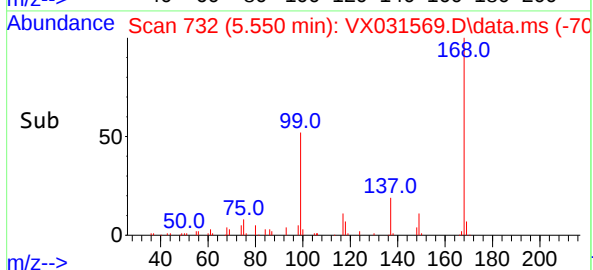
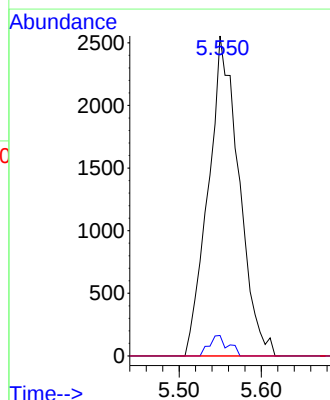
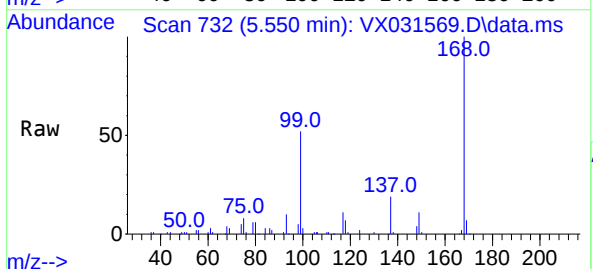
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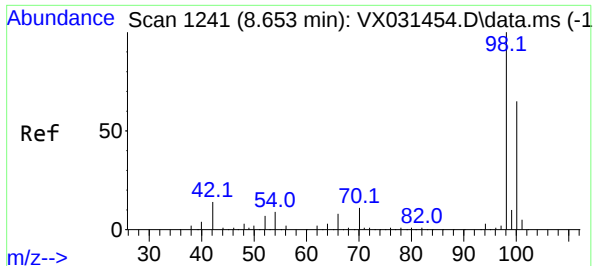
Tgt Ion: 75 Resp: 5028
Ion Ratio Lower Upper
75 100
110 8.8 17.5 52.5#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 3.362 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX031569.D
Acq: 22 Sep 2022 14:47

Tgt Ion: 117 Resp: 6628
Ion Ratio Lower Upper
117 100
119 6.4 74.6 112.0#
121 0.0 25.3 37.9#





#50

Toluene-d8

Concen: 51.128 ug/l

RT: 8.653 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX031569.D

Acq: 22 Sep 2022 14:47

Instrument :

MSVOA_X

ClientSampleId :

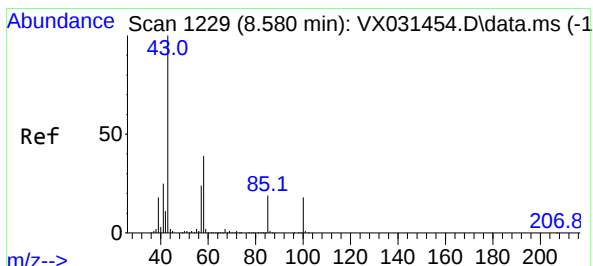
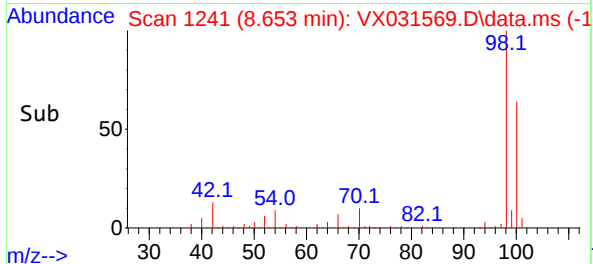
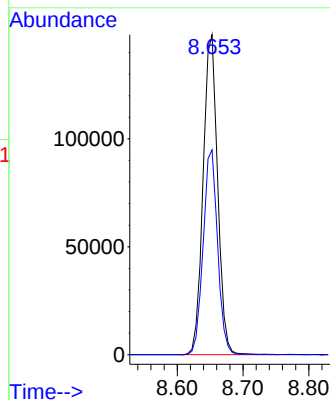
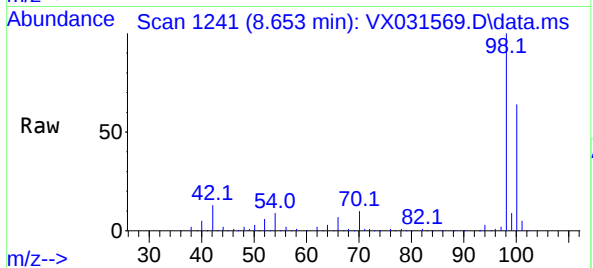
MW-10

Tgt Ion: 98 Resp: 227920

Ion Ratio Lower Upper

98 100

100 63.7 52.5 78.7



#51

4-Methyl-2-Pentanone

Concen: 0.517 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.067 min

Lab File: VX031569.D

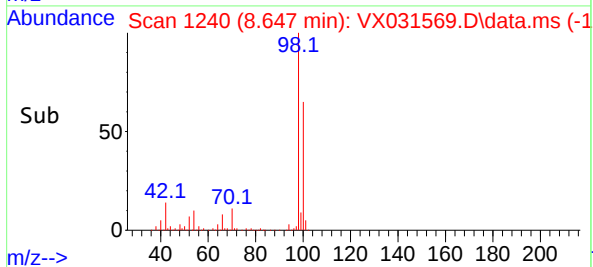
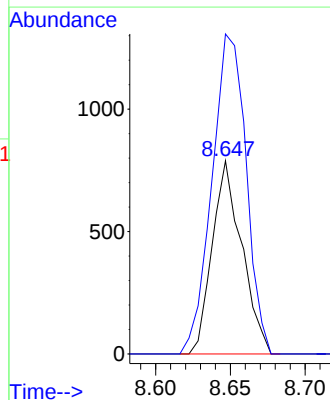
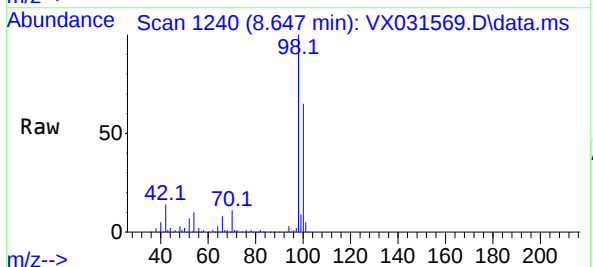
Acq: 22 Sep 2022 14:47

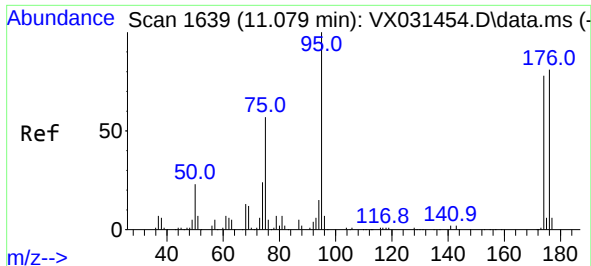
Tgt Ion: 43 Resp: 1085

Ion Ratio Lower Upper

43 100

58 191.6 30.6 46.0#

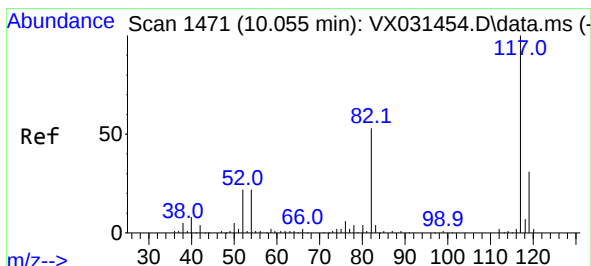
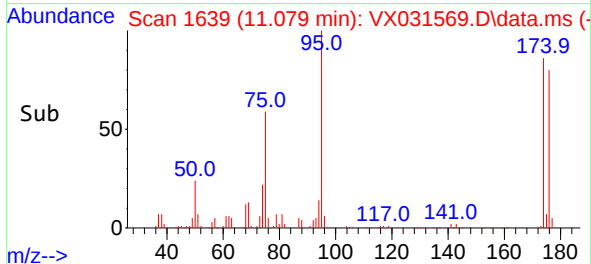
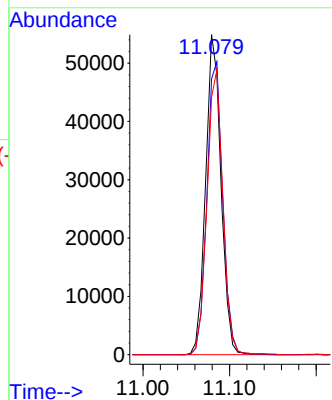
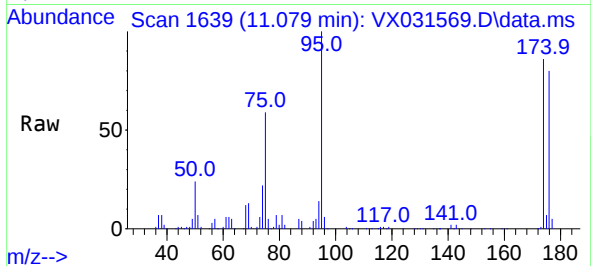




#62
4-Bromofluorobenzene
Concen: 44.874 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031569.D
Acq: 22 Sep 2022 14:47

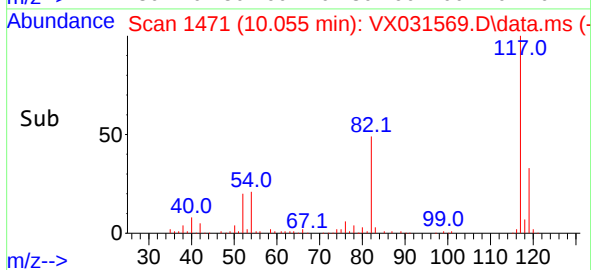
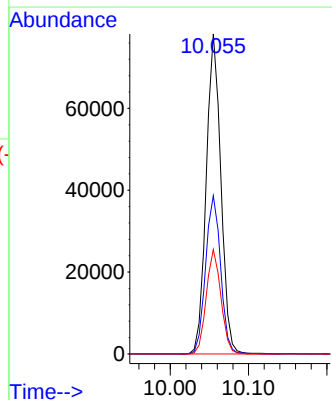
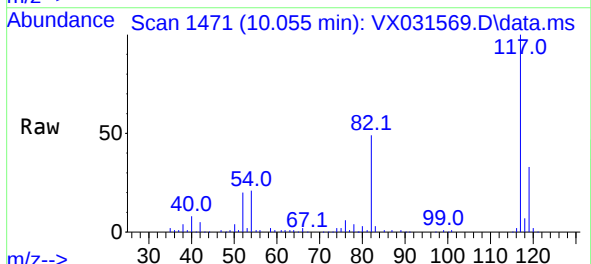
Instrument :
MSVOA_X
ClientSampleId :
MW-10

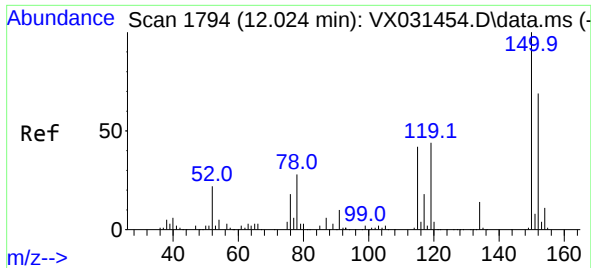
Tgt Ion: 95 Resp: 67760
Ion Ratio Lower Upper
95 100
174 94.3 0.0 153.2
176 91.5 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031569.D
Acq: 22 Sep 2022 14:47

Tgt Ion: 117 Resp: 101292
Ion Ratio Lower Upper
117 100
82 49.4 46.8 70.2
119 32.6 26.4 39.6

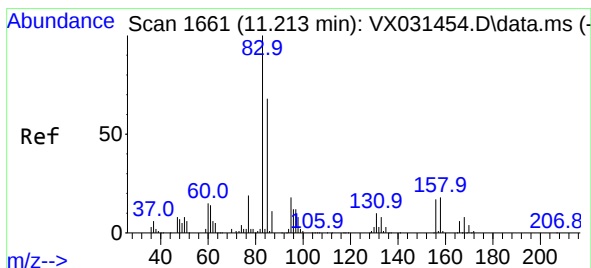
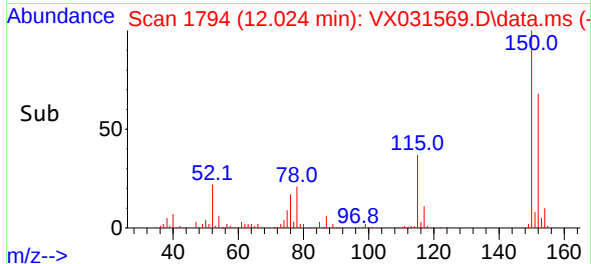
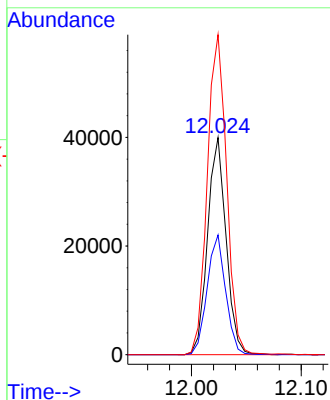
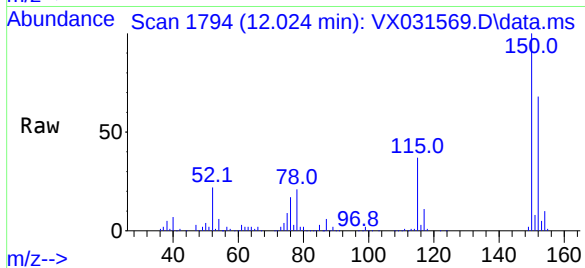




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031569.D
Acq: 22 Sep 2022 14:47

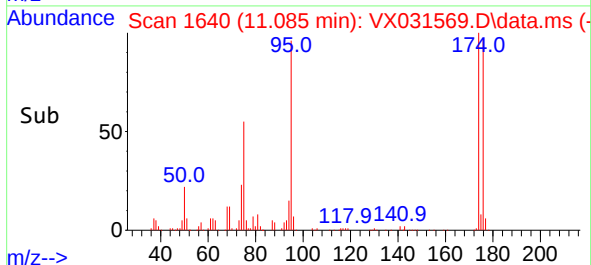
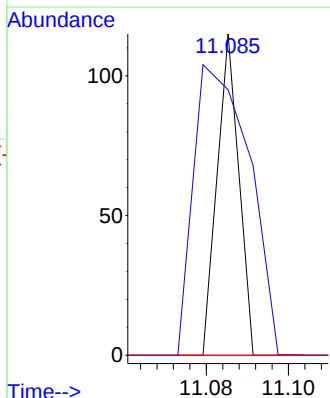
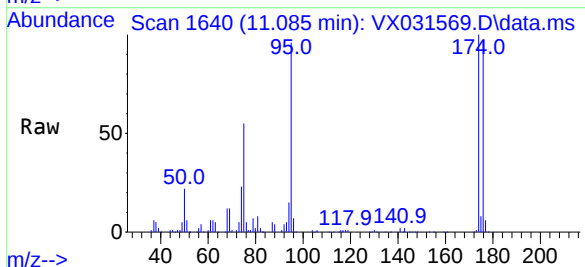
Instrument :
MSVOA_X
ClientSampleId :
MW-10

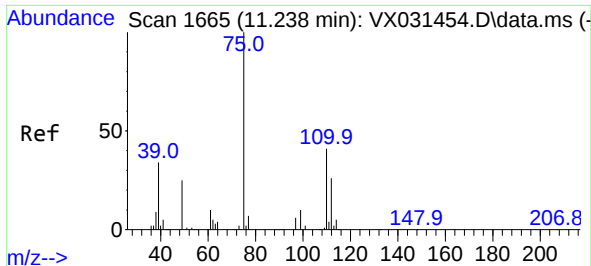
Tgt Ion:152 Resp: 46875
Ion Ratio Lower Upper
152 100
115 55.3 43.4 130.1
150 154.2 0.0 346.8



#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 11.085 min Scan# 1640
Delta R.T. -0.128 min
Lab File: VX031569.D
Acq: 22 Sep 2022 14:47

Tgt Ion: 83 Resp: 42
Ion Ratio Lower Upper
83 100
131 233.3 5.1 15.4#
85 0.0 32.6 97.8#

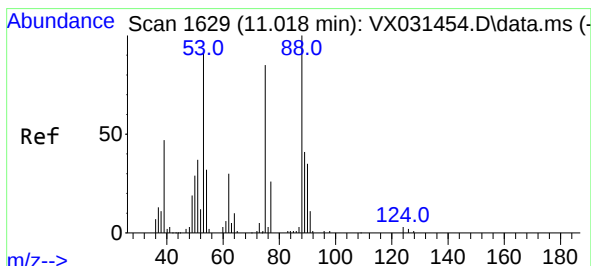
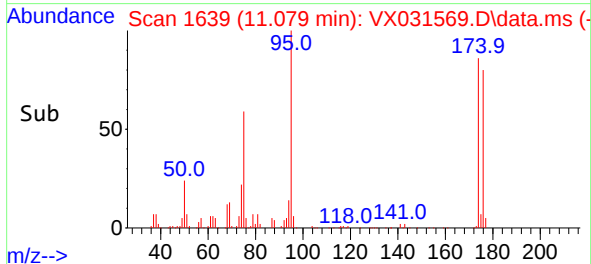
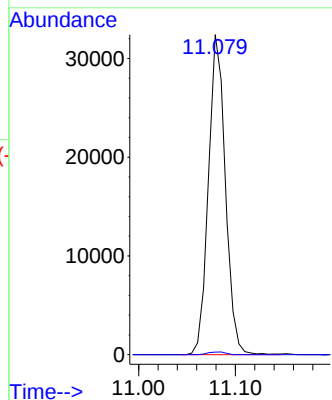
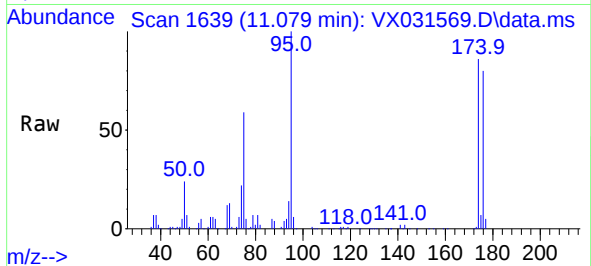




#76
1,2,3-Trichloropropane
Concen: 37.721 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031569.D
Acq: 22 Sep 2022 14:47

Instrument :
MSVOA_X
ClientSampleId :
MW-10

Tgt Ion: 75 Resp: 39464
Ion Ratio Lower Upper
75 100
77 0.9 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 121.457 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031569.D
Acq: 22 Sep 2022 14:47

Tgt Ion: 75 Resp: 39464
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

