

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100722\
 Data File : VX031988.D
 Acq On : 08 Oct 2022 03:05
 Operator : JC/MD
 Sample : N4937-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-118E

Quant Time: Oct 08 06:35:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 14:28:46 2022
 Response via : Initial Calibration

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

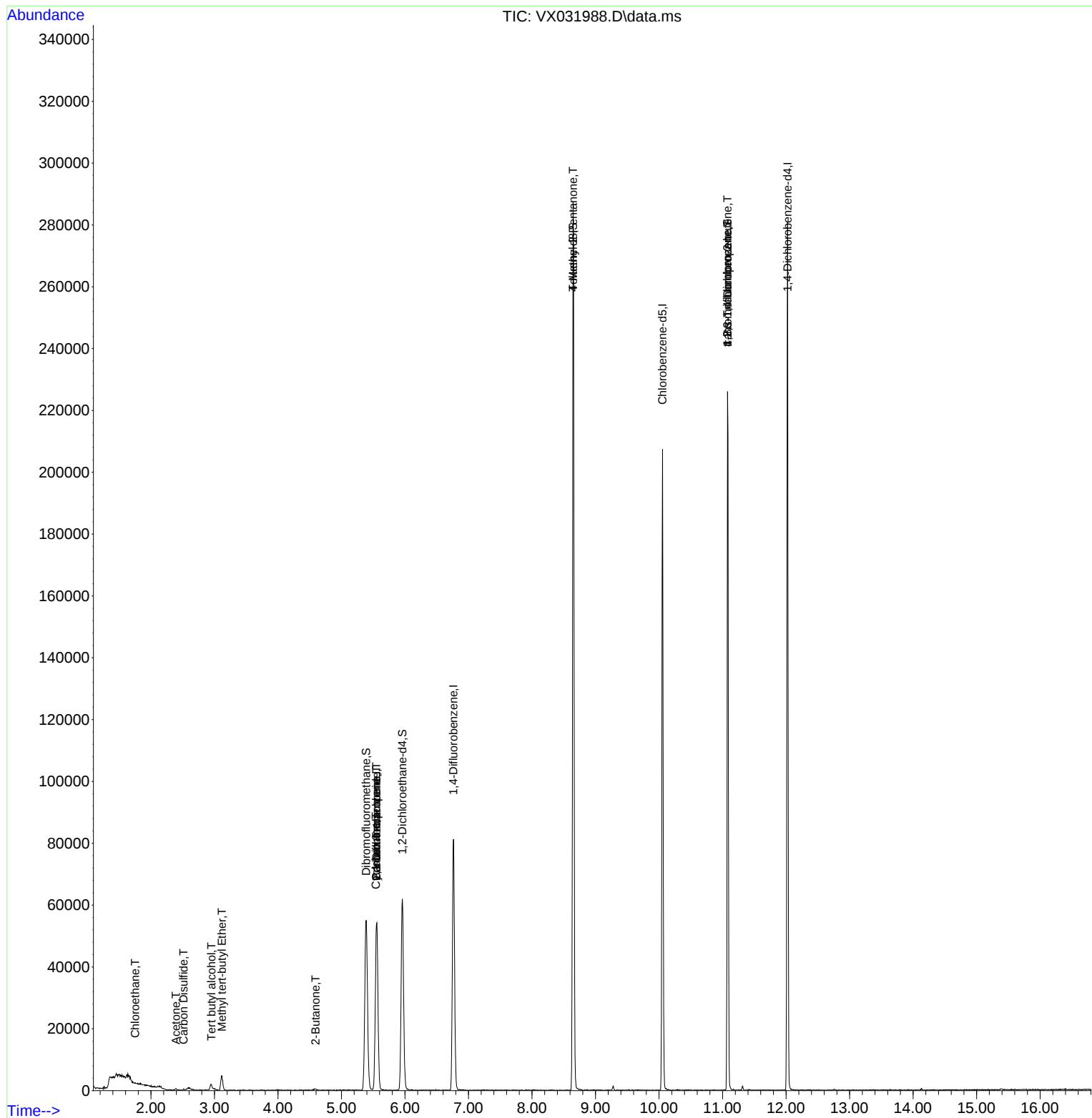
Internal Standards						
1) Pentafluorobenzene	5.550	168	52464	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	84222	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	89587	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	55726	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	58319	53.825	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.660%	
35) Dibromofluoromethane	5.385	113	49133	51.537	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.080%	
50) Toluene-d8	8.647	98	169731	49.478	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.960%	
62) 4-Bromofluorobenzene	11.079	95	58495	48.233	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 96.460%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	190	Below Cal	#	65
6) Chloroethane	1.752	64	316	0.389	ug/l	89
11) Tert butyl alcohol	2.953	59	2128	15.786	ug/l #	73
16) Acetone	2.392	43	627	1.703	ug/l	90
17) Carbon Disulfide	2.514	76	354	0.206	ug/l #	75
19) Methyl tert-butyl Ether	3.117	73	5071	1.891	ug/l	99
25) 2-Butanone	4.593	43	149	0.259	ug/l #	49
31) Cyclohexane	5.544	56	1258	0.972	ug/l #	26
36) 1,1-Dichloropropene	5.550	75	4179	3.306	ug/l #	50
38) Carbon Tetrachloride	5.550	117	5517	4.268	ug/l #	19
51) 4-Methyl-2-Pentanone	8.647	43	789	0.659	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	30477	26.685	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	30477	91.479	ug/l #	11

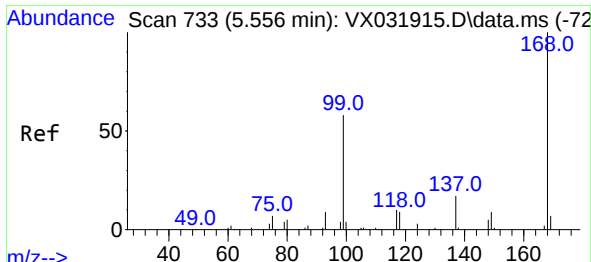
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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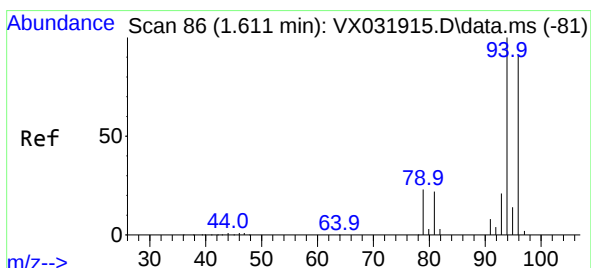
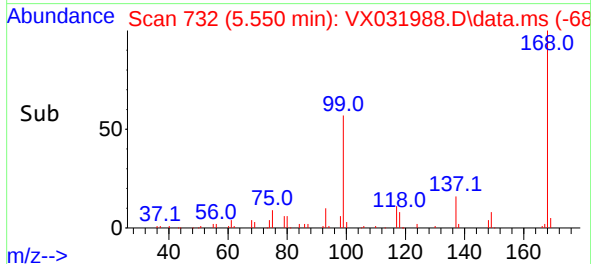
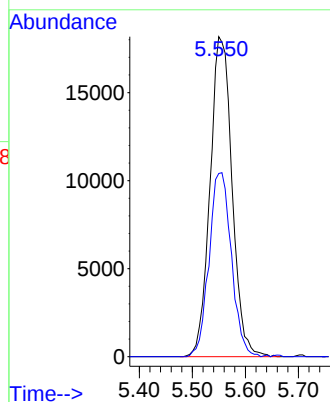
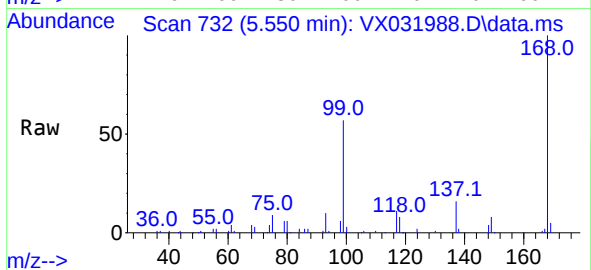




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031988.D
Acq: 08 Oct 2022 03:05

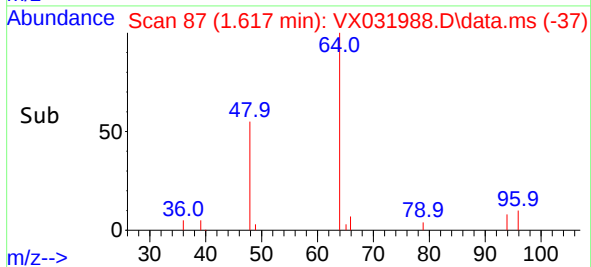
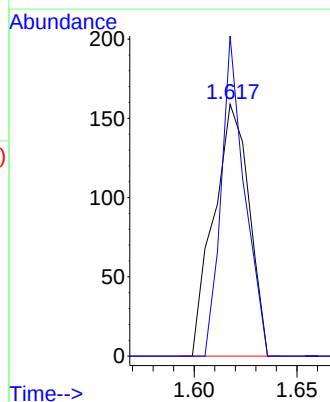
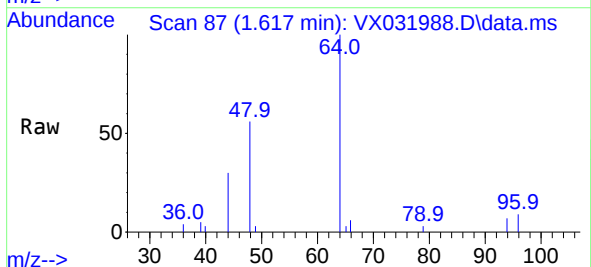
Instrument :
MSVOA_X
ClientSampleId :
MW-118E

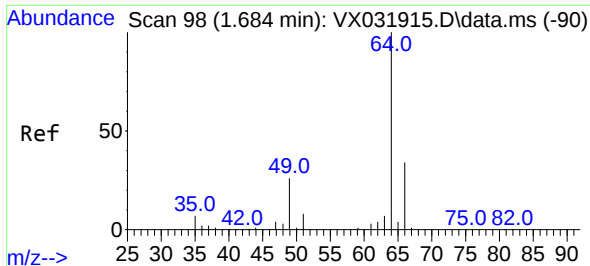
Tgt Ion:168 Resp: 52464
Ion Ratio Lower Upper
168 100
99 57.2 48.8 73.2



#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 87
Delta R.T. 0.006 min
Lab File: VX031988.D
Acq: 08 Oct 2022 03:05

Tgt Ion: 94 Resp: 190
Ion Ratio Lower Upper
94 100
96 127.0 74.4 111.6#

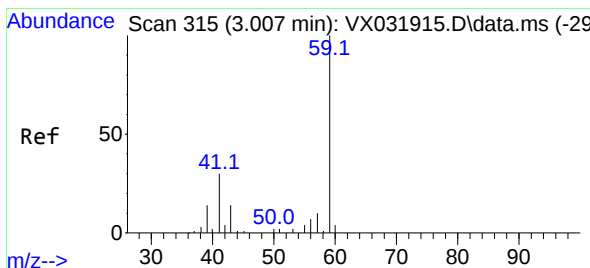
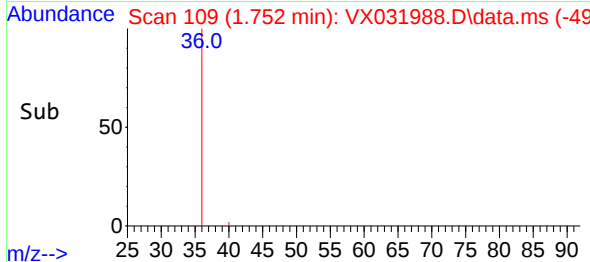
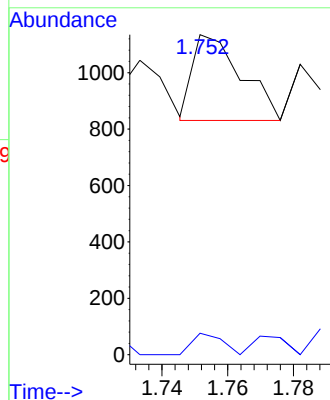
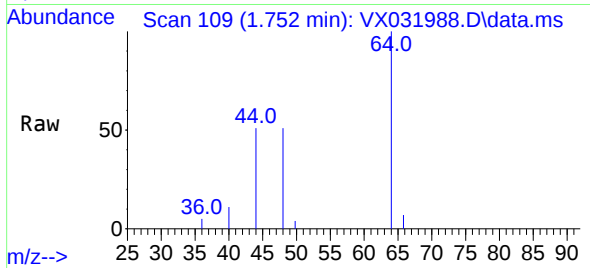




#6
Chloroethane
Concen: 0.389 ug/l
RT: 1.752 min Scan# 109
Delta R.T. 0.068 min
Lab File: VX031988.D
Acq: 08 Oct 2022 03:05

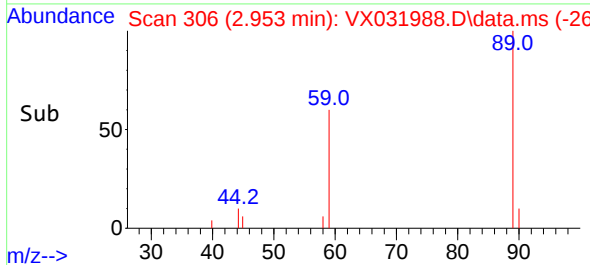
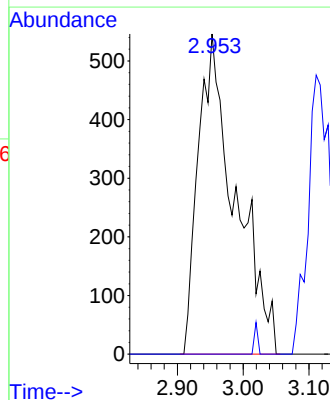
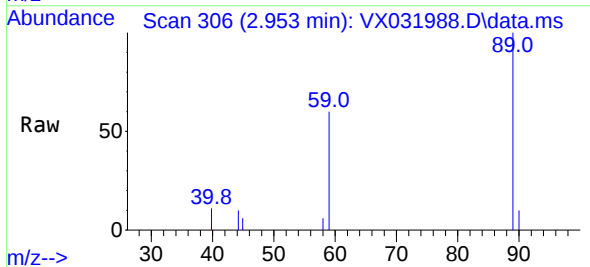
Instrument :
MSVOA_X
ClientSampleId :
MW-118E

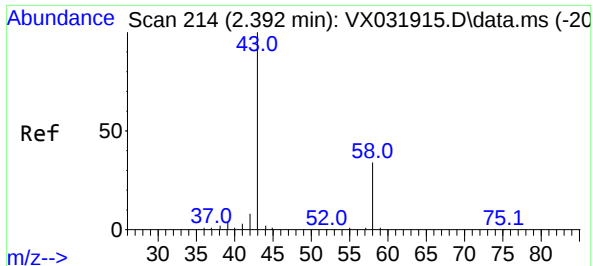
Tgt Ion: 64 Resp: 316
Ion Ratio Lower Upper
64 100
66 25.0 25.0 37.4



#11
Tert butyl alcohol
Concen: 15.786 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.054 min
Lab File: VX031988.D
Acq: 08 Oct 2022 03:05

Tgt Ion: 59 Resp: 2128
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

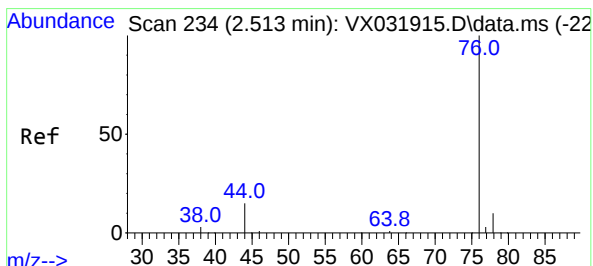
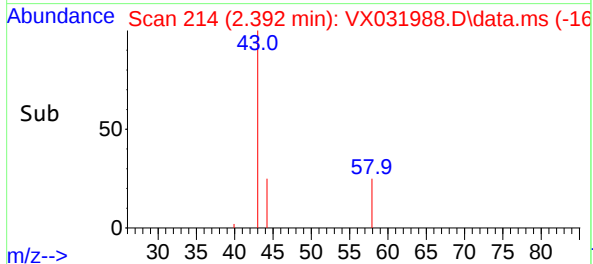
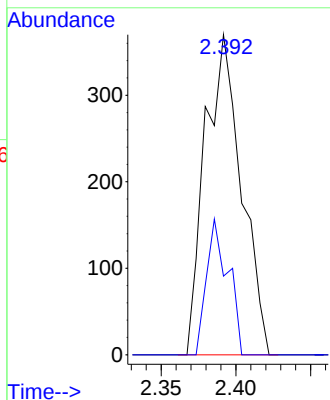
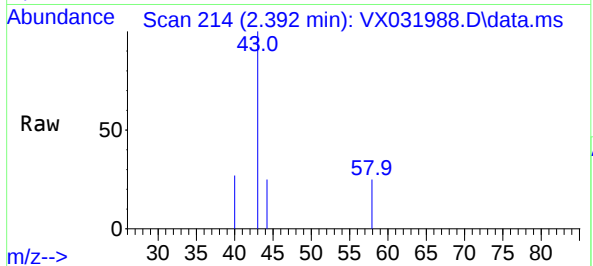




#16
Acetone
Concen: 1.703 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX031988.D
Acq: 08 Oct 2022 03:05

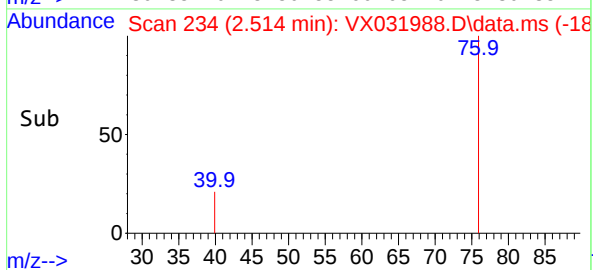
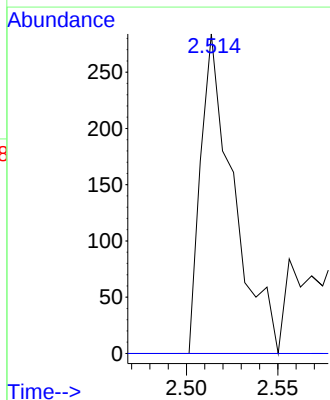
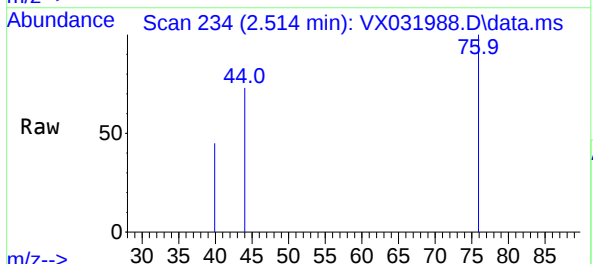
Instrument :
MSVOA_X
ClientSampleId :
MW-118E

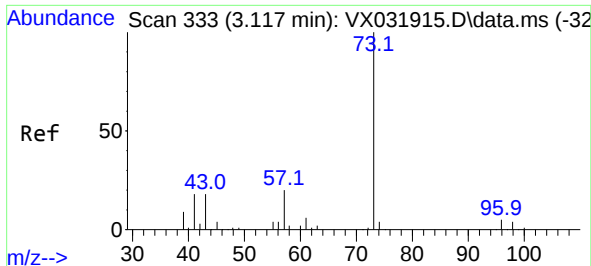
Tgt Ion: 43 Resp: 627
Ion Ratio Lower Upper
43 100
58 24.6 23.8 35.8



#17
Carbon Disulfide
Concen: 0.206 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.001 min
Lab File: VX031988.D
Acq: 08 Oct 2022 03:05

Tgt Ion: 76 Resp: 354
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#19

Methyl tert-butyl Ether

Concen: 1.891 ug/l

RT: 3.117 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX031988.D

Acq: 08 Oct 2022 03:05

Instrument :

MSVOA_X

ClientSampleId :

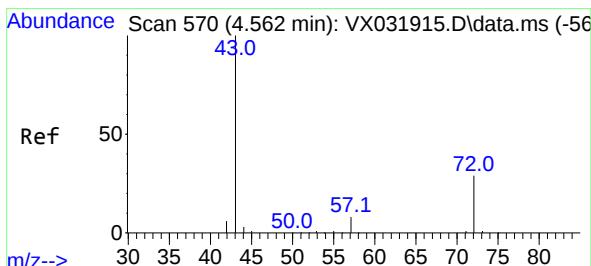
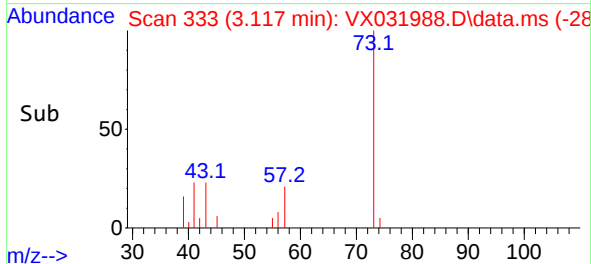
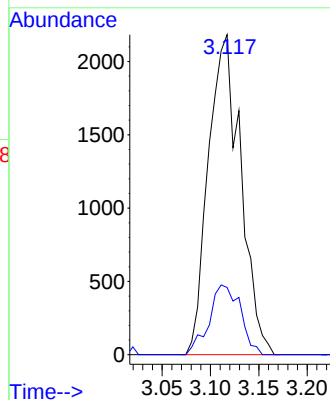
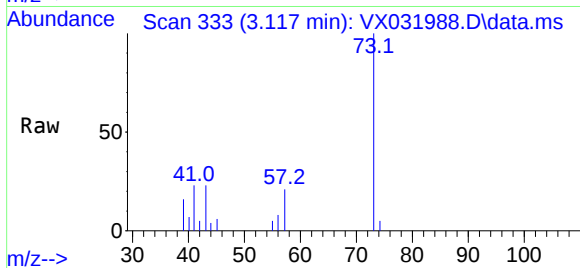
MW-118E

Tgt Ion: 73 Resp: 5071

Ion Ratio Lower Upper

73 100

57 21.0 17.2 25.8



#25

2-Butanone

Concen: 0.259 ug/l

RT: 4.593 min Scan# 575

Delta R.T. 0.030 min

Lab File: VX031988.D

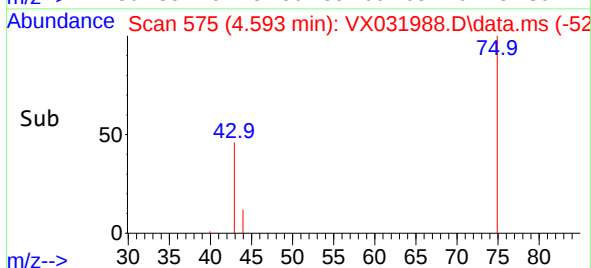
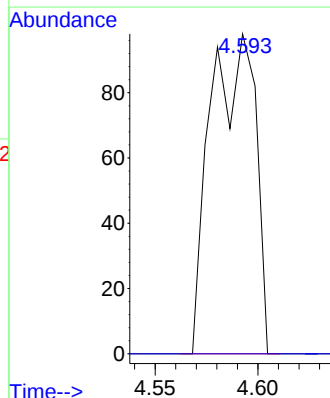
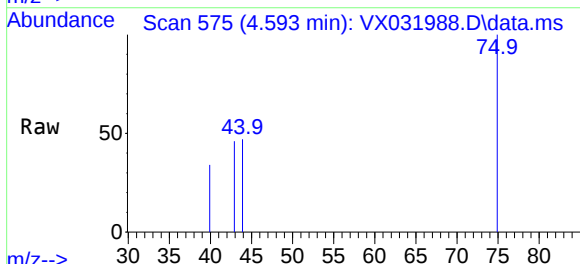
Acq: 08 Oct 2022 03:05

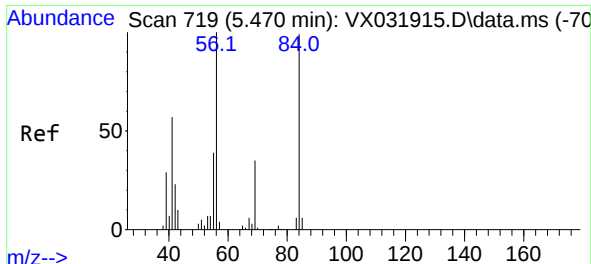
Tgt Ion: 43 Resp: 149

Ion Ratio Lower Upper

43 100

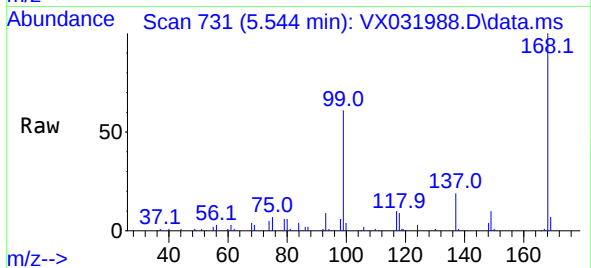
72 0.0 21.1 31.7#



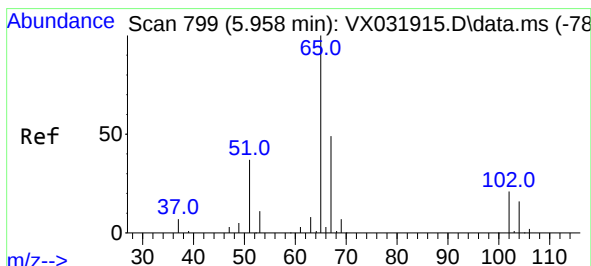
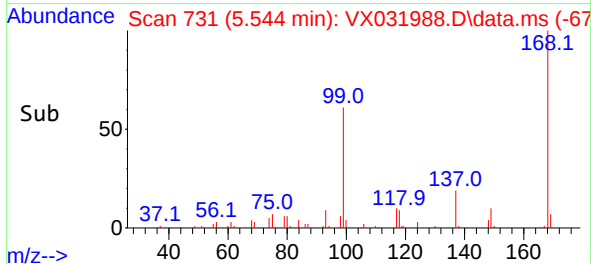
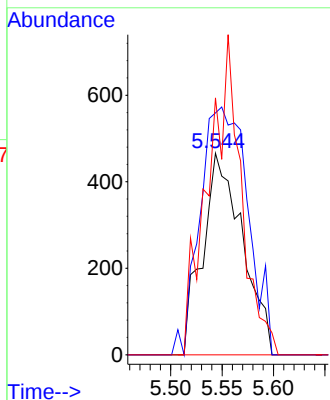


#31
Cyclohexane
Concen: 0.972 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.074 min
Lab File: VX031988.D
Acq: 08 Oct 2022 03:05

Instrument :
MSVOA_X
ClientSampleId :
MW-118E

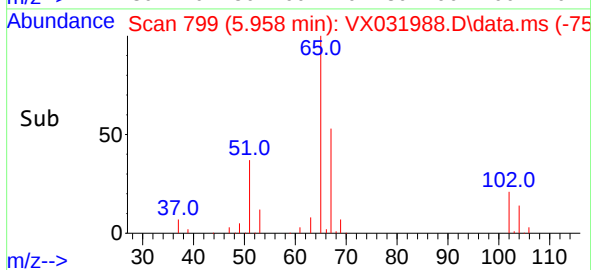
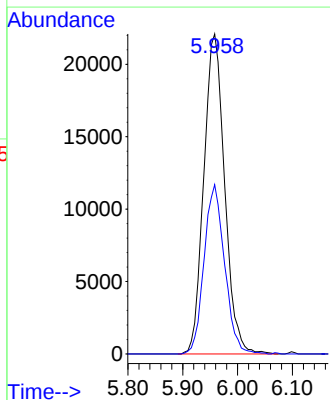
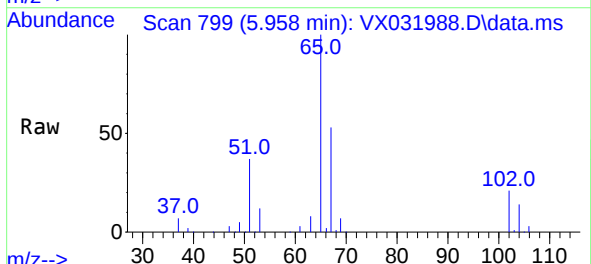


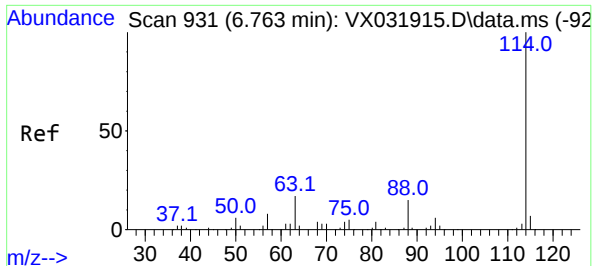
Tgt Ion: 56 Resp: 1258
Ion Ratio Lower Upper
56 100
69 120.0 25.1 37.7#
84 127.5 70.2 105.4#



#33
1,2-Dichloroethane-d4
Concen: 53.825 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031988.D
Acq: 08 Oct 2022 03:05

Tgt Ion: 65 Resp: 58319
Ion Ratio Lower Upper
65 100
67 52.1 0.0 102.4

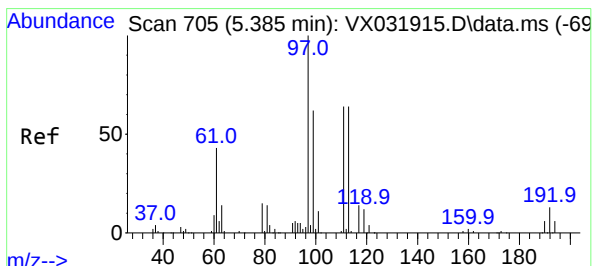
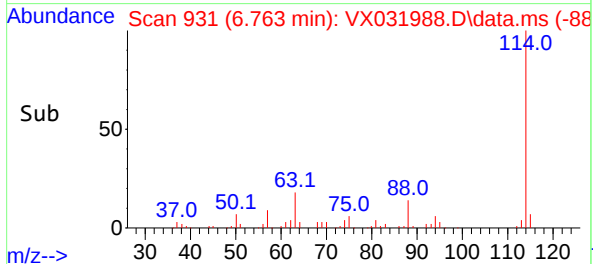
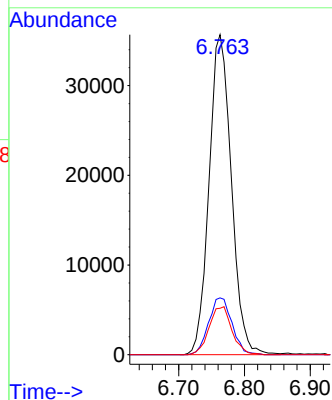
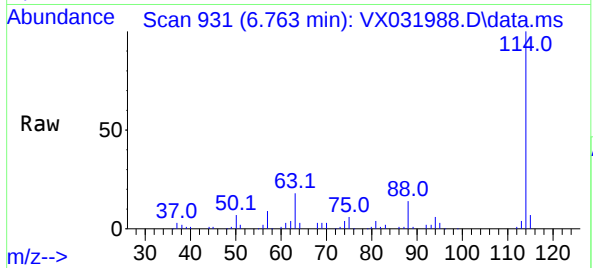




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX031988.D
Acq: 08 Oct 2022 03:05

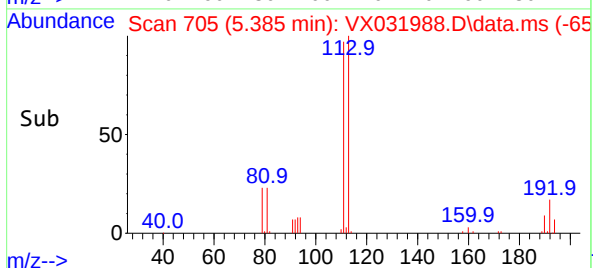
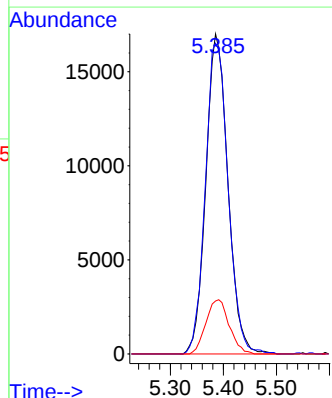
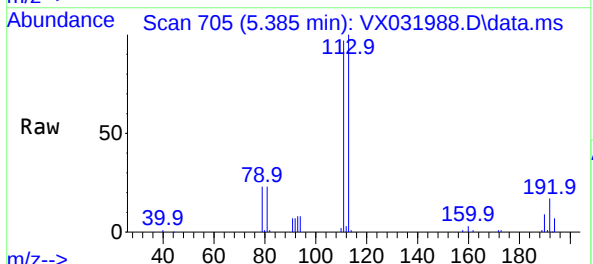
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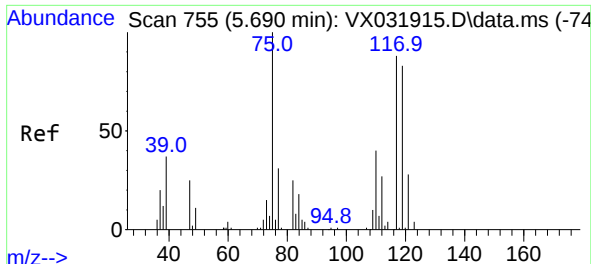
Tgt Ion:114 Resp: 84222
Ion Ratio Lower Upper
114 100
63 17.8 0.0 42.6
88 14.5 0.0 33.0



#35
Dibromofluoromethane
Concen: 51.537 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX031988.D
Acq: 08 Oct 2022 03:05

Tgt Ion:113 Resp: 49133
Ion Ratio Lower Upper
113 100
111 100.7 82.4 123.6
192 17.9 14.1 21.1

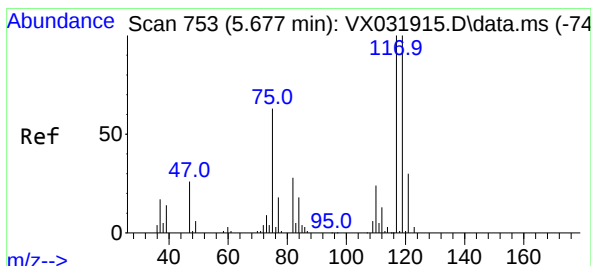
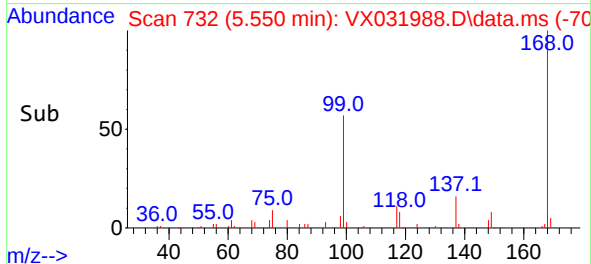
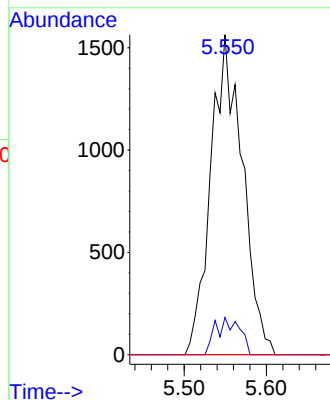
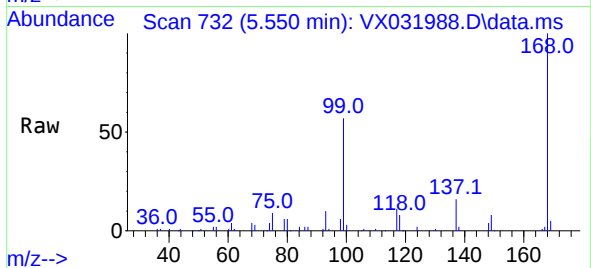




#36
1,1-Dichloropropene
Concen: 3.306 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX031988.D
Acq: 08 Oct 2022 03:05

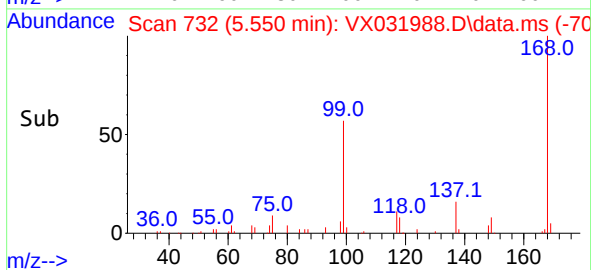
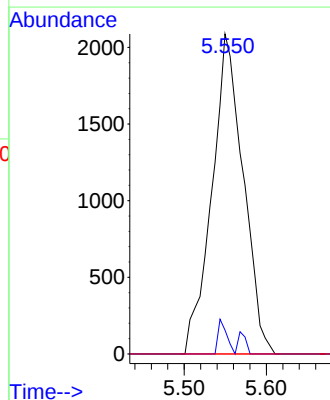
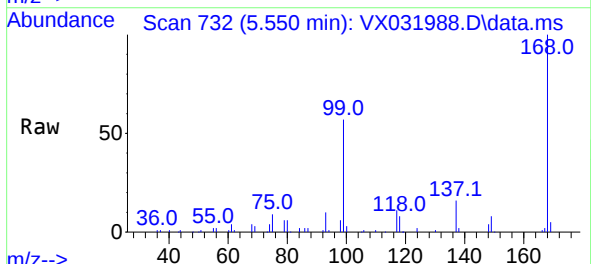
Instrument :
MSVOA_X
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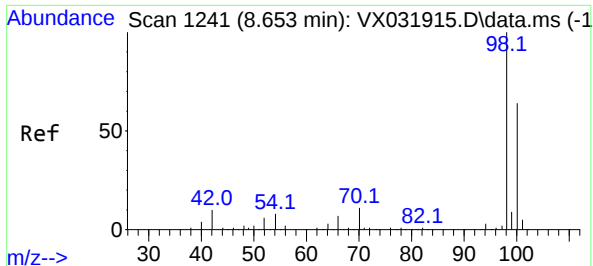
Tgt Ion: 75 Resp: 4179
Ion Ratio Lower Upper
75 100
110 8.8 17.5 52.5#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 4.268 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.127 min
Lab File: VX031988.D
Acq: 08 Oct 2022 03:05

Tgt Ion: 117 Resp: 5517
Ion Ratio Lower Upper
117 100
119 7.4 74.6 112.0#
121 0.0 25.3 37.9#





#50

Toluene-d8

Concen: 49.478 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX031988.D

Acq: 08 Oct 2022 03:05

Instrument :

MSVOA_X

ClientSampleId :

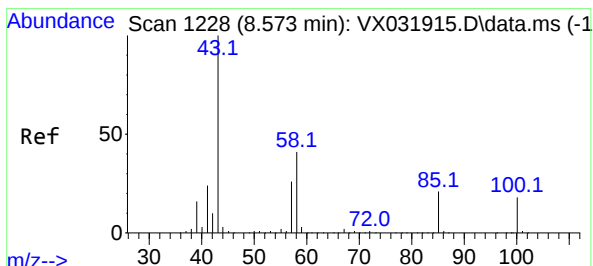
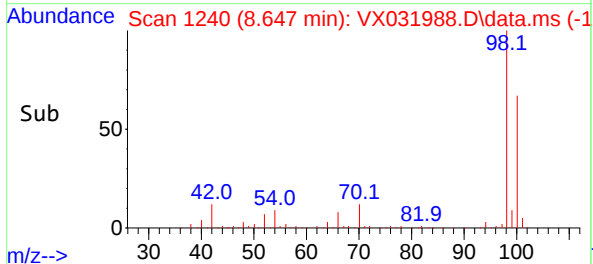
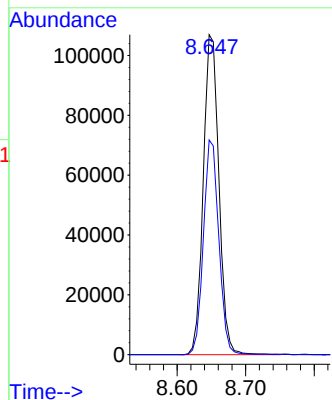
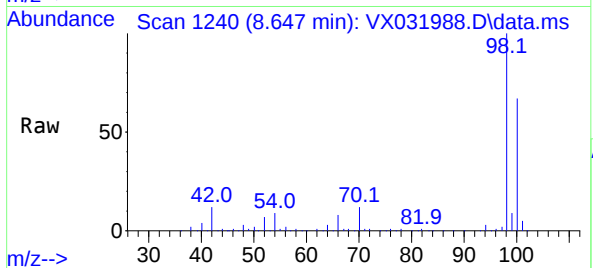
MW-118E

Tgt Ion: 98 Resp: 169731

Ion Ratio Lower Upper

98 100

100 66.2 52.5 78.7



#51

4-Methyl-2-Pentanone

Concen: 0.659 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.074 min

Lab File: VX031988.D

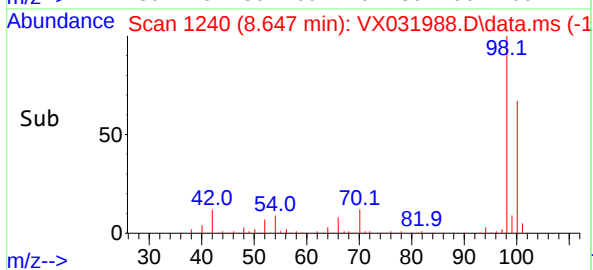
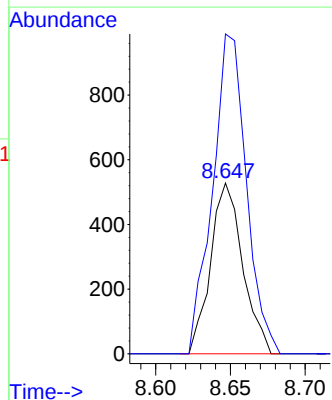
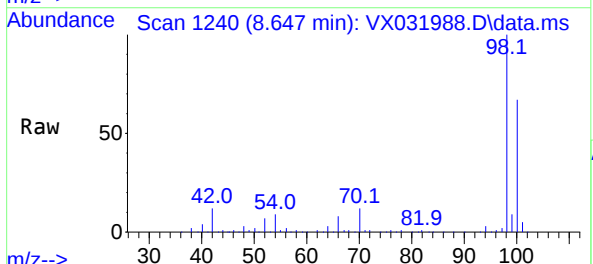
Acq: 08 Oct 2022 03:05

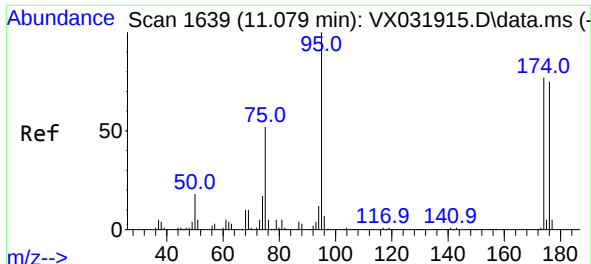
Tgt Ion: 43 Resp: 789

Ion Ratio Lower Upper

43 100

58 197.3 30.6 46.0#

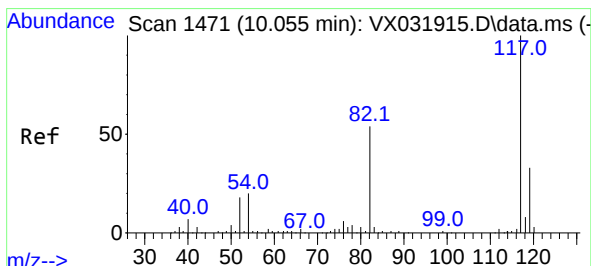
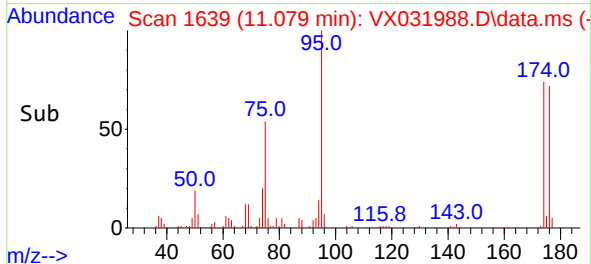
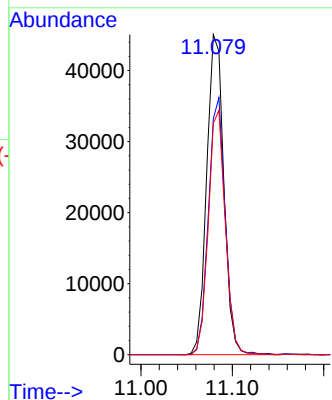
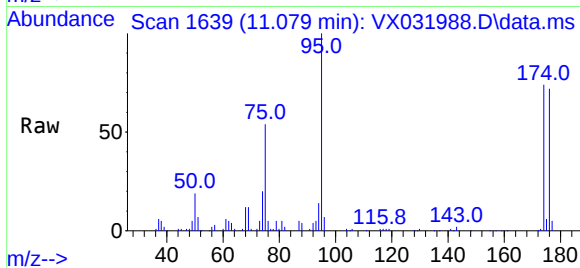




#62
4-Bromofluorobenzene
Concen: 48.233 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX031988.D
Acq: 08 Oct 2022 03:05

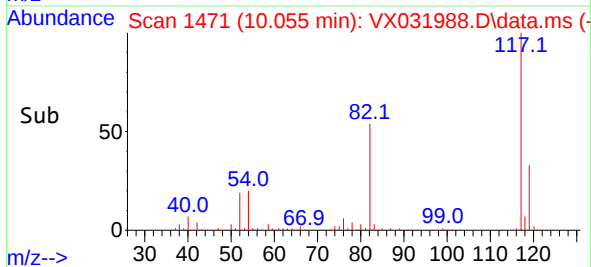
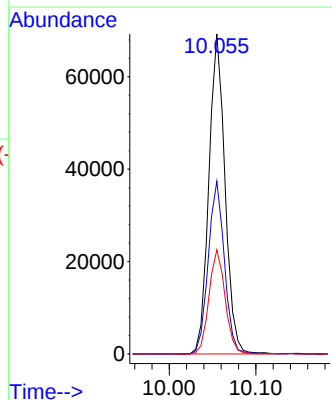
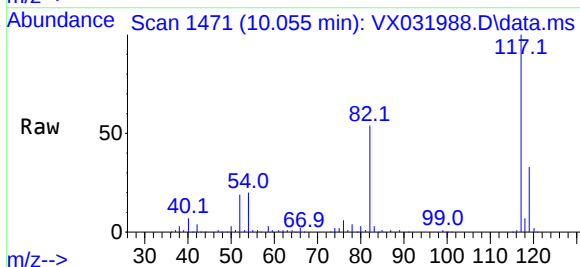
Instrument :
MSVOA_X
ClientSampleId :
MW-118E

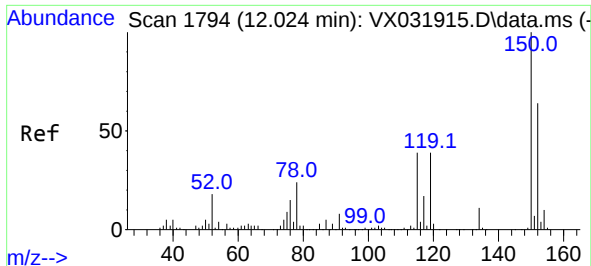
Tgt Ion: 95 Resp: 58495
Ion Ratio Lower Upper
95 100
174 79.1 0.0 153.2
176 75.6 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031988.D
Acq: 08 Oct 2022 03:05

Tgt Ion: 117 Resp: 89587
Ion Ratio Lower Upper
117 100
82 53.9 46.8 70.2
119 32.5 26.4 39.6

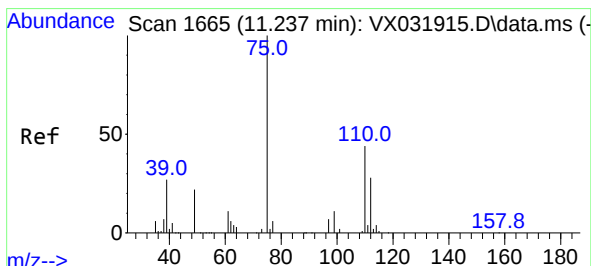
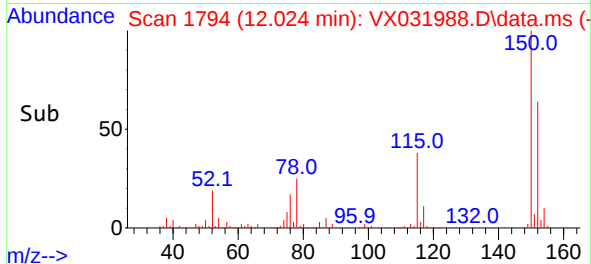
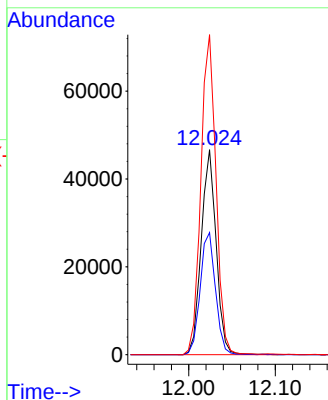
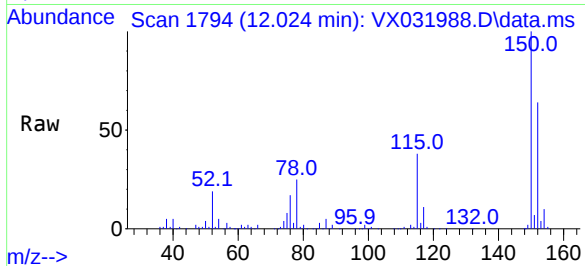




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX031988.D
 Acq: 08 Oct 2022 03:05

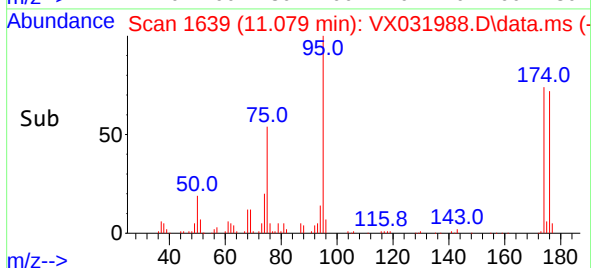
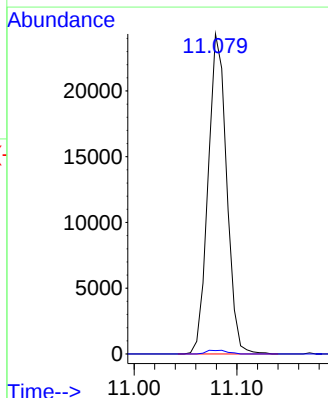
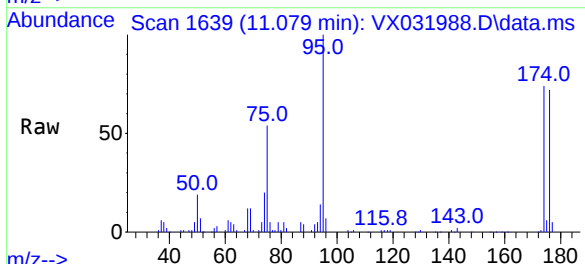
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-118E

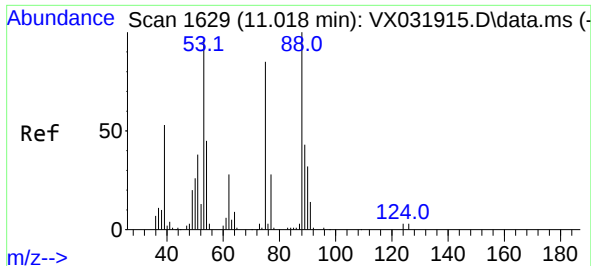
Tgt Ion:152 Resp: 55726
 Ion Ratio Lower Upper
 152 100
 115 61.2 43.4 130.1
 150 158.6 0.0 346.8



#76
 1,2,3-Trichloropropane
 Concen: 26.685 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX031988.D
 Acq: 08 Oct 2022 03:05

Tgt Ion: 75 Resp: 30477
 Ion Ratio Lower Upper
 75 100
 77 1.3 20.3 60.9#





#81
trans-1,4-Dichloro-2-butene
Concen: 91.479 ug/l
RT: 11.079 min Scan# 10
Delta R.T. 0.061 min
Lab File: VX031988.D
Acq: 08 Oct 2022 03:05

Instrument :
MSVOA_X
ClientSampleId :
MW-118E

Tgt Ion: 75 Resp: 30477
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

