

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101122\
 Data File : VX032036.D
 Acq On : 11 Oct 2022 14:59
 Operator : JC/MD
 Sample : N4937-04DL 4X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-109DL

Quant Time: Oct 12 05:12:38 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)

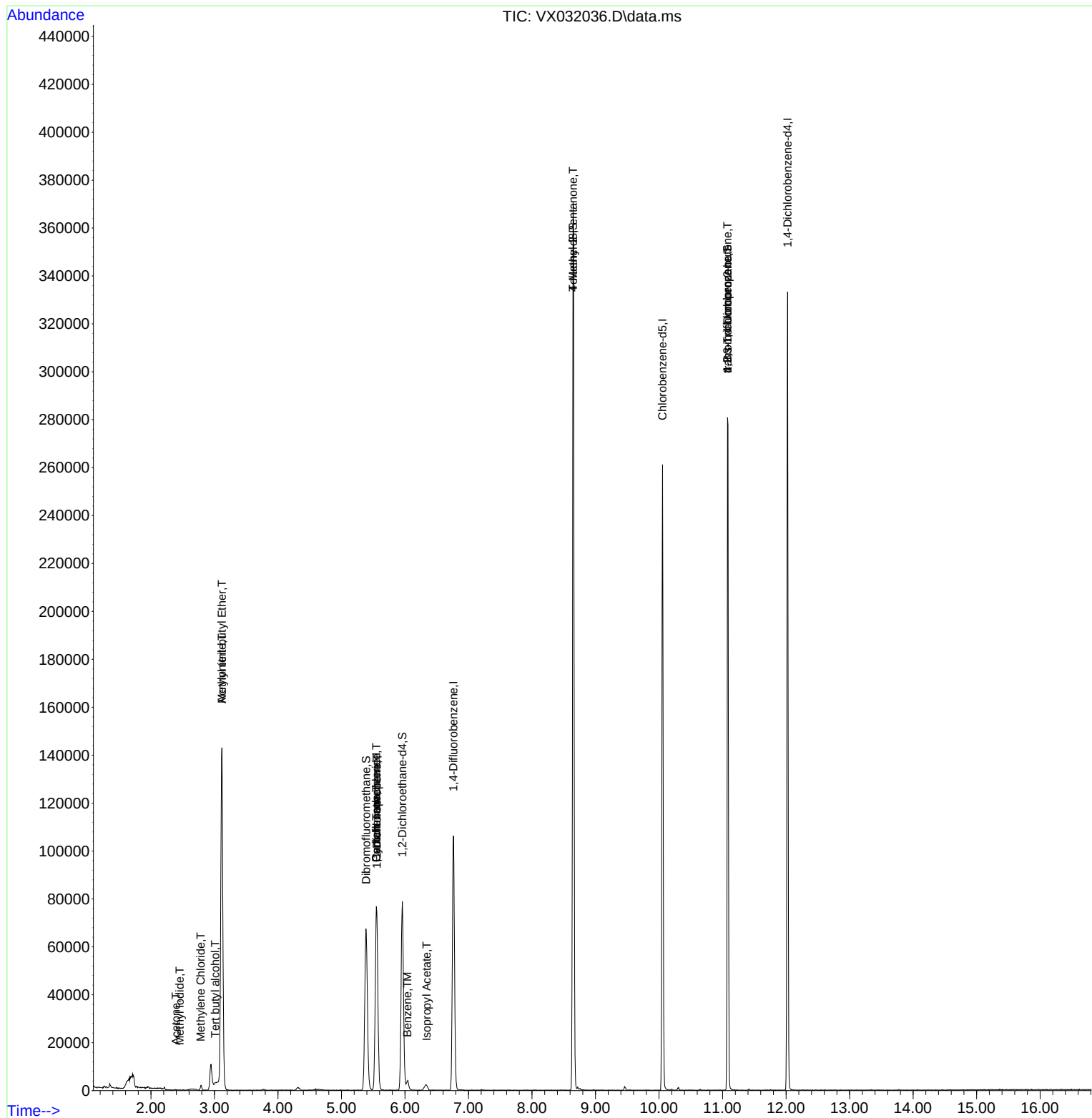
Internal Standards						
1) Pentafluorobenzene	5.550	168	72665	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	107465	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	112053	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	64471	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	73572	49.026	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.060%
35) Dibromofluoromethane	5.385	113	57662	47.402	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.800%
50) Toluene-d8	8.647	98	218027	49.810	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.620%
62) 4-Bromofluorobenzene	11.079	95	71694	46.330	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.660%
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	457	Below Cal		93
10) Methyl Iodide	2.453	142	131	2.856	ug/l #	38
11) Tert butyl alcohol	3.014	59	668	3.578	ug/l #	73
15) Acrylonitrile	3.117	53	1975	3.318	ug/l #	27
16) Acetone	2.392	43	374	0.733	ug/l #	45
19) Methyl tert-butyl Ether	3.117	73	153058	41.209	ug/l	99
20) Methylene Chloride	2.782	84	898	0.670	ug/l #	83
31) Cyclohexane	5.550	56	1735	0.968	ug/l #	35
36) 1,1-Dichloropropene	5.556	75	5793	3.591	ug/l #	50
38) Carbon Tetrachloride	5.550	117	7343	4.452	ug/l #	16
40) Benzene	6.037	78	4370	0.925	ug/l	99
43) Isopropyl Acetate	6.342	43	550	0.239	ug/l #	10
51) 4-Methyl-2-Pentanone	8.647	43	1063	0.696	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	38894	29.435	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	38894	100.538	ug/l #	11

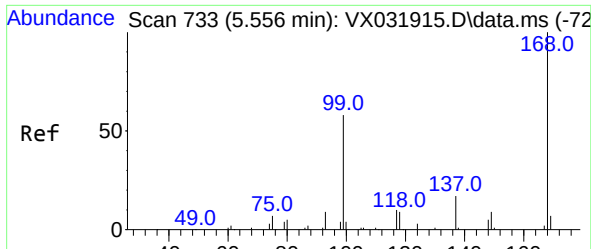
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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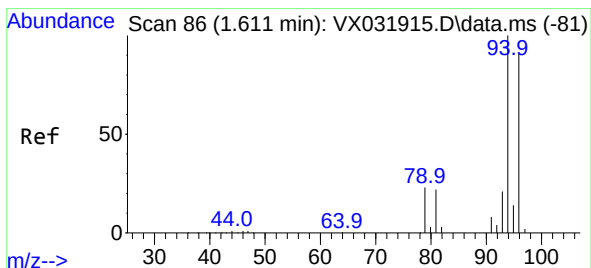
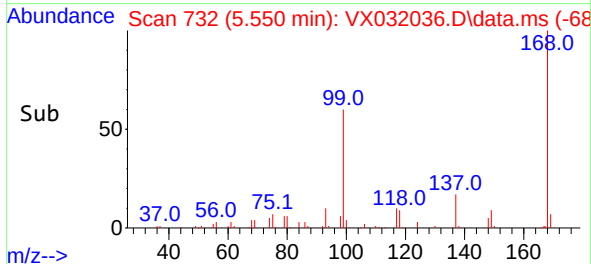
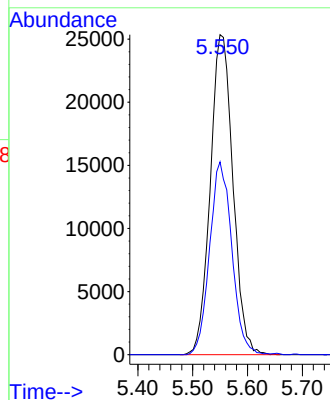
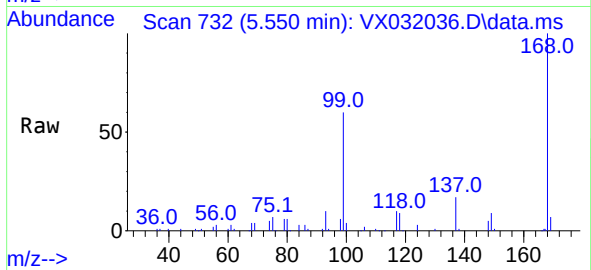




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032036.D
Acq: 11 Oct 2022 14:59

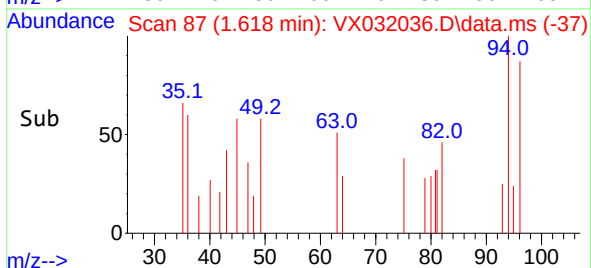
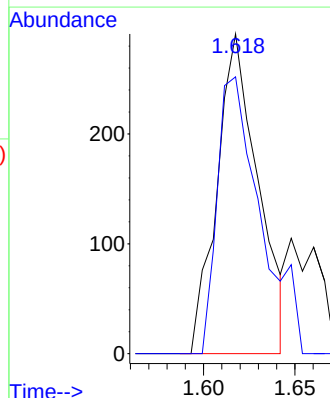
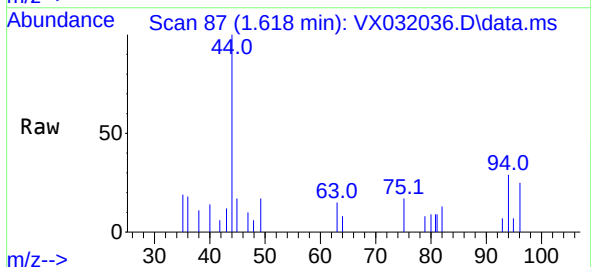
Instrument :
MSVOA_X
ClientSampleId :
MW-109DL

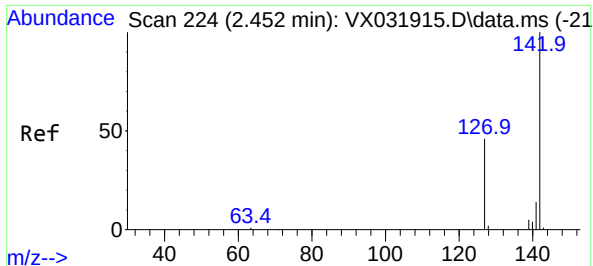
Tgt Ion:168 Resp: 72665
Ion Ratio Lower Upper
168 100
99 60.3 48.8 73.2



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.007 min
Lab File: VX032036.D
Acq: 11 Oct 2022 14:59

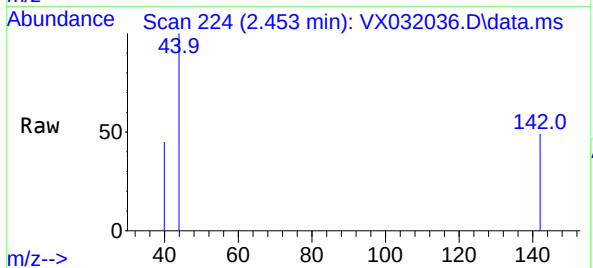
Tgt Ion: 94 Resp: 457
Ion Ratio Lower Upper
94 100
96 86.6 74.4 111.6



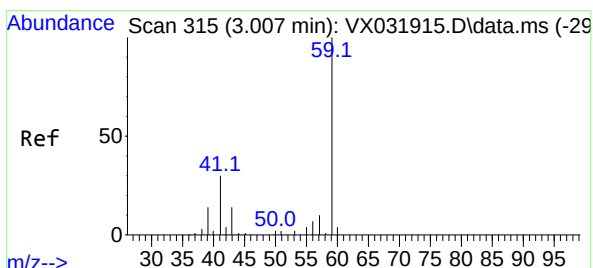
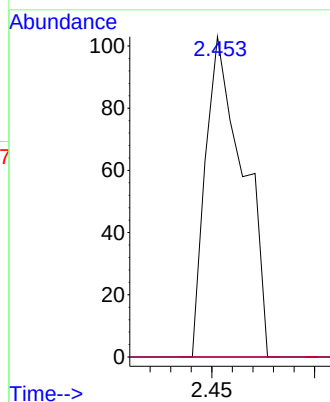
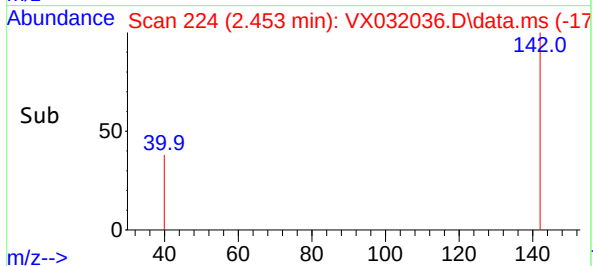


#10
Methyl Iodide
Concen: 2.856 ug/l
RT: 2.453 min Scan# 21
Delta R.T. 0.001 min
Lab File: VX032036.D
Acq: 11 Oct 2022 14:59

Instrument :
MSVOA_X
ClientSampleId :
MW-109DL

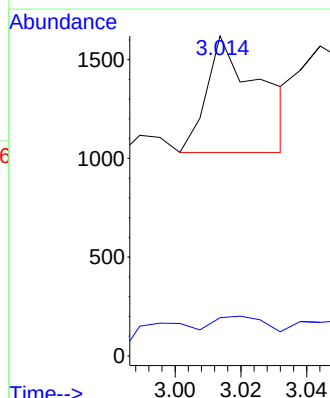
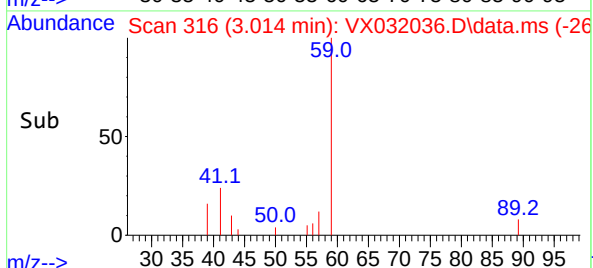
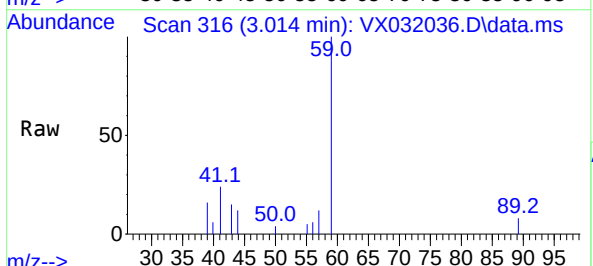


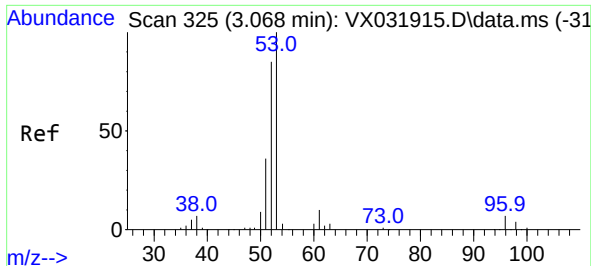
Tgt Ion:142 Resp: 131
Ion Ratio Lower Upper
142 100
127 0.0 37.4 56.0#
141 0.0 11.6 17.4#



#11
Tert butyl alcohol
Concen: 3.578 ug/l
RT: 3.014 min Scan# 316
Delta R.T. 0.007 min
Lab File: VX032036.D
Acq: 11 Oct 2022 14:59

Tgt Ion: 59 Resp: 668
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

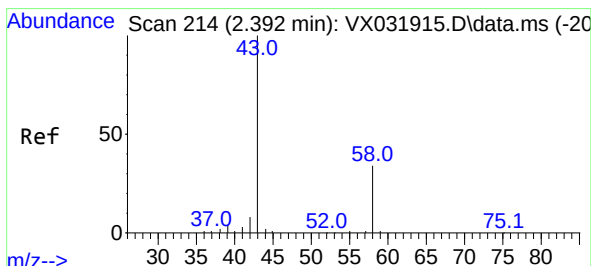
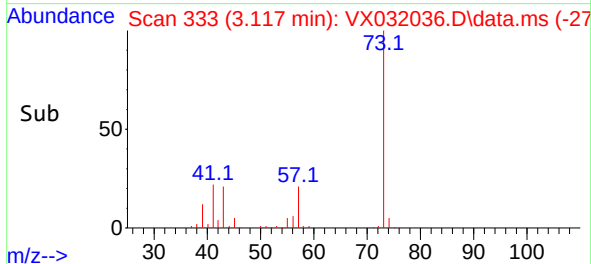
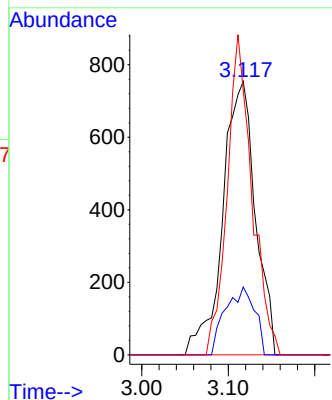
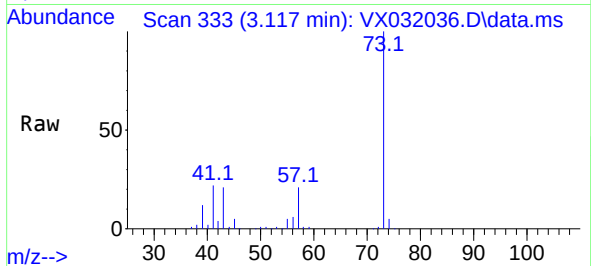




#15
Acrylonitrile
Concen: 3.318 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.049 min
Lab File: VX032036.D
Acq: 11 Oct 2022 14:59

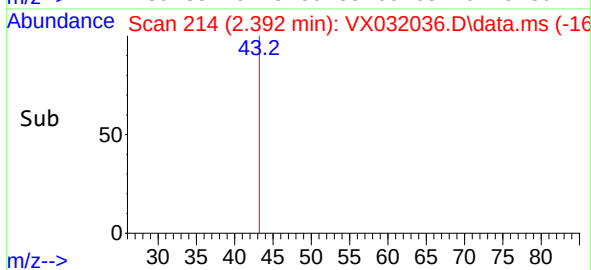
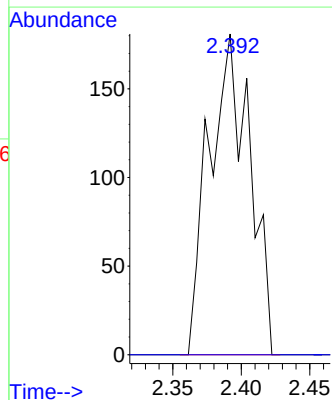
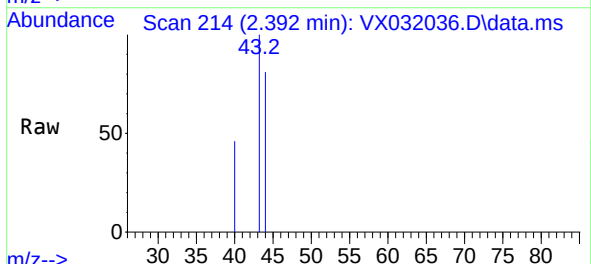
Instrument :
MSVOA_X
ClientSampleId :
MW-109DL

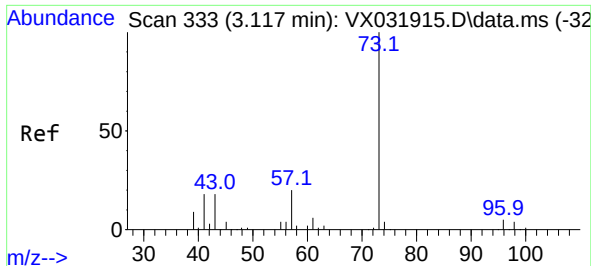
Tgt Ion: 53 Resp: 1975
Ion Ratio Lower Upper
53 100
52 22.2 66.9 100.3#
51 89.0 30.0 45.0#



#16
Acetone
Concen: 0.733 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX032036.D
Acq: 11 Oct 2022 14:59

Tgt Ion: 43 Resp: 374
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#

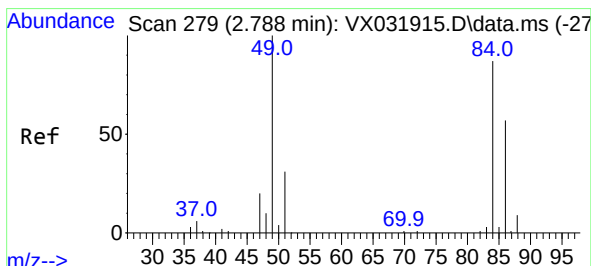
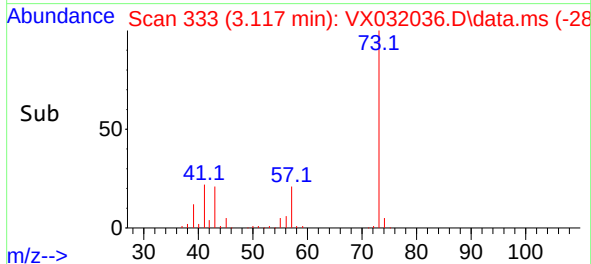
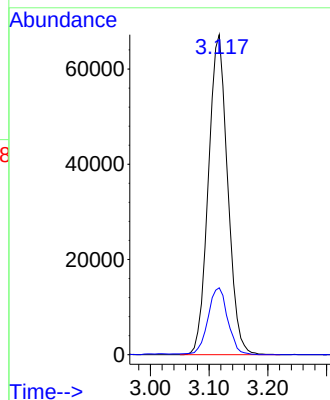
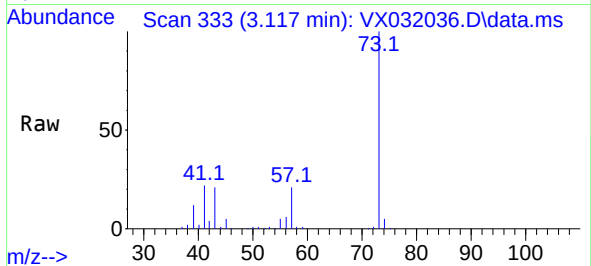




#19
Methyl tert-butyl Ether
Concen: 41.209 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX032036.D
Acq: 11 Oct 2022 14:59

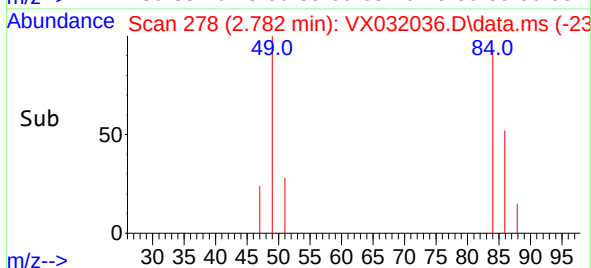
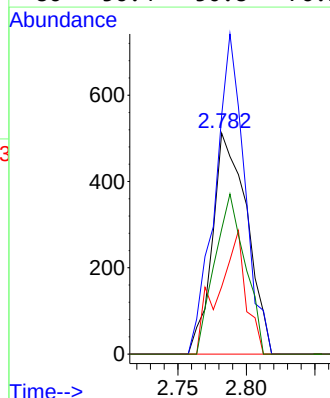
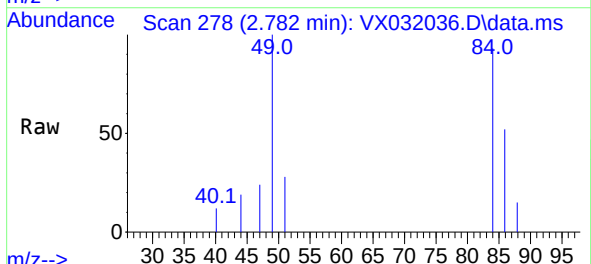
Instrument :
MSVOA_X
ClientSampleId :
MW-109DL

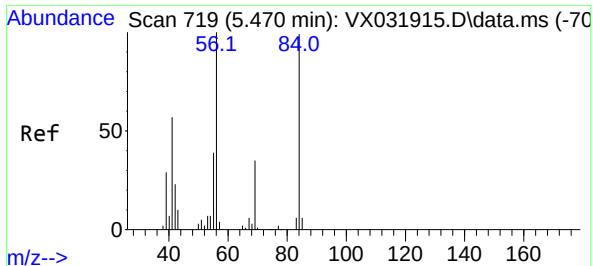
Tgt Ion: 73 Resp: 153058
Ion Ratio Lower Upper
73 100
57 20.9 17.2 25.8



#20
Methylene Chloride
Concen: 0.670 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX032036.D
Acq: 11 Oct 2022 14:59

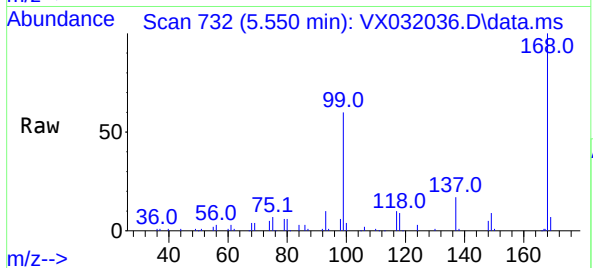
Tgt Ion: 84 Resp: 898
Ion Ratio Lower Upper
84 100
49 108.0 105.9 158.9
51 30.5 32.2 48.2#
86 56.4 50.8 76.2



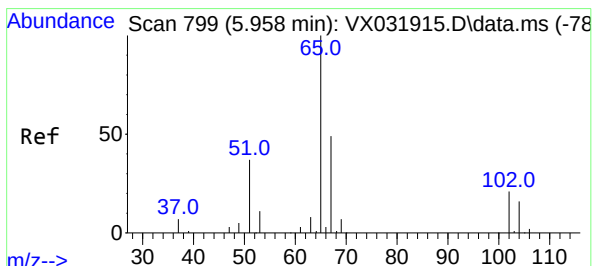
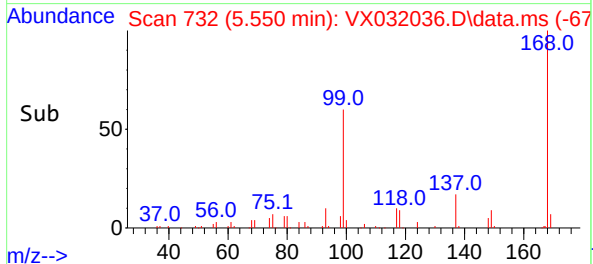
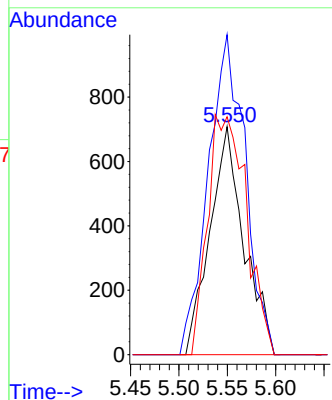


#31
Cyclohexane
Concen: 0.968 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX032036.D
Acq: 11 Oct 2022 14:59

Instrument :
MSVOA_X
ClientSampleId :
MW-109DL

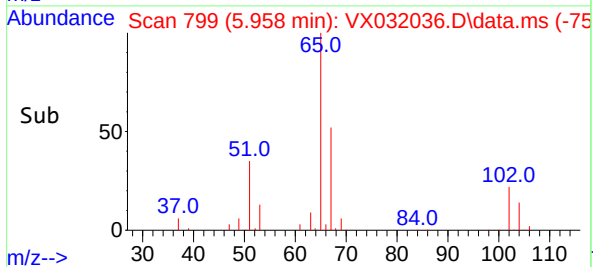
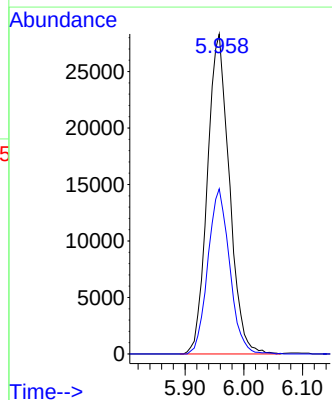
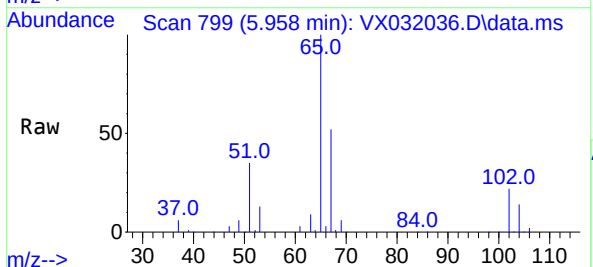


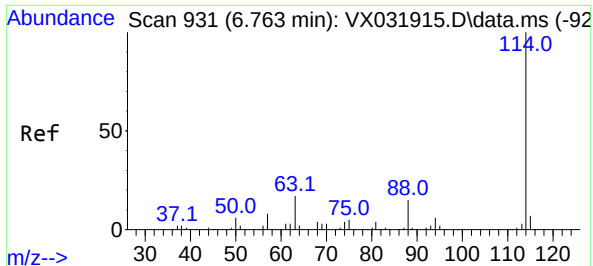
Tgt Ion: 56 Resp: 1735
Ion Ratio Lower Upper
56 100
69 140.4 25.1 37.7#
84 104.4 70.2 105.4



#33
1,2-Dichloroethane-d4
Concen: 49.026 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032036.D
Acq: 11 Oct 2022 14:59

Tgt Ion: 65 Resp: 73572
Ion Ratio Lower Upper
65 100
67 51.0 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: VX032036.D

Acq: 11 Oct 2022 14:59

Instrument :

MSVOA_X

ClientSampleId :

MW-109DL

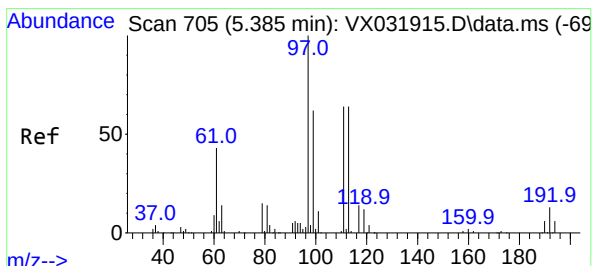
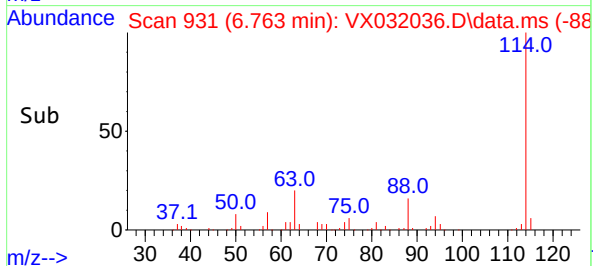
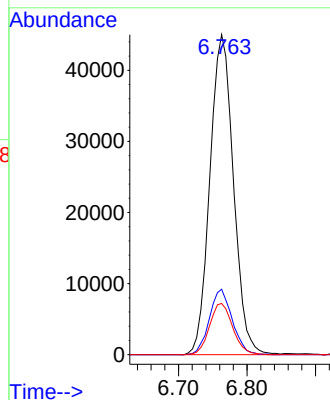
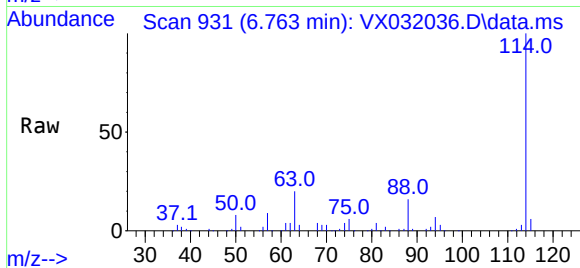
Tgt Ion:114 Resp: 107465

Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.6

88 16.0 0.0 33.0



#35

Dibromofluoromethane

Concen: 47.402 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX032036.D

Acq: 11 Oct 2022 14:59

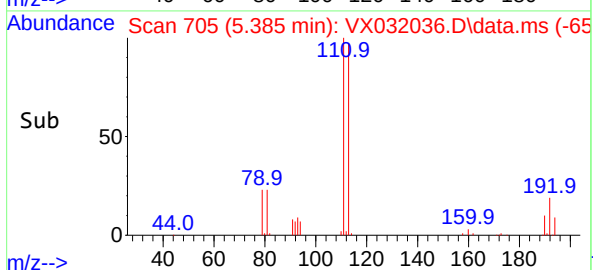
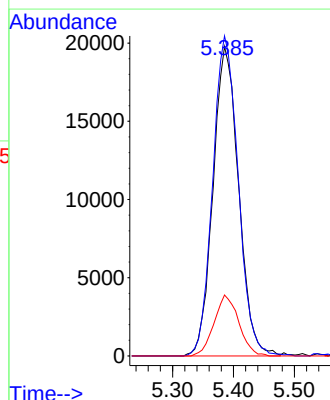
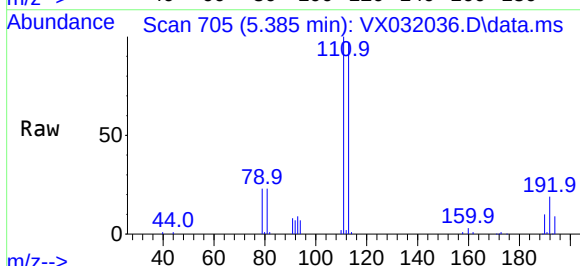
Tgt Ion:113 Resp: 57662

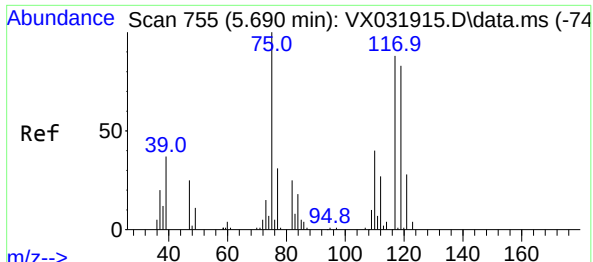
Ion Ratio Lower Upper

113 100

111 103.1 82.4 123.6

192 19.0 14.1 21.1

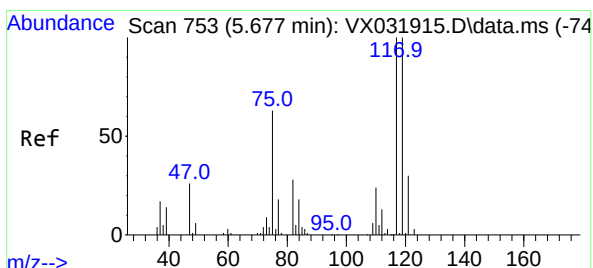
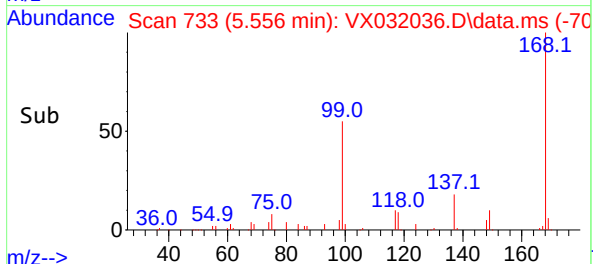
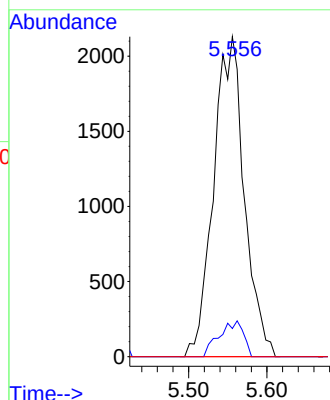
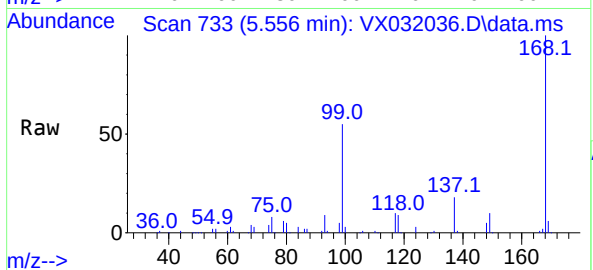




#36
1,1-Dichloropropene
Concen: 3.591 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX032036.D
Acq: 11 Oct 2022 14:59

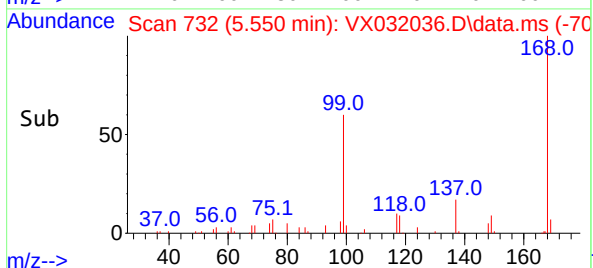
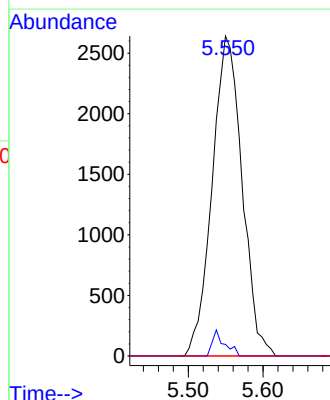
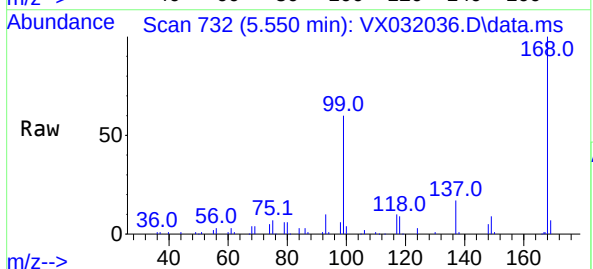
Instrument :
MSVOA_X
ClientSampleId :
MW-109DL

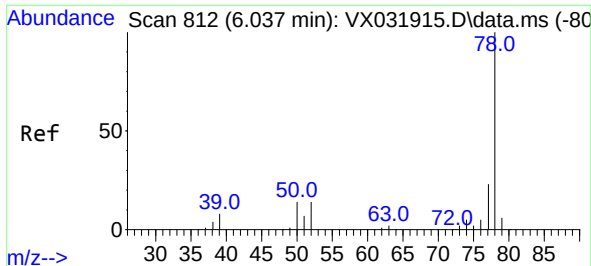
Tgt Ion: 75 Resp: 5793
Ion Ratio Lower Upper
75 100
110 8.9 17.5 52.5#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 4.452 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.127 min
Lab File: VX032036.D
Acq: 11 Oct 2022 14:59

Tgt Ion: 117 Resp: 7343
Ion Ratio Lower Upper
117 100
119 3.6 74.6 112.0#
121 0.0 25.3 37.9#

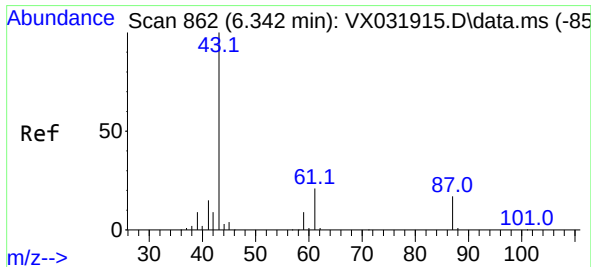
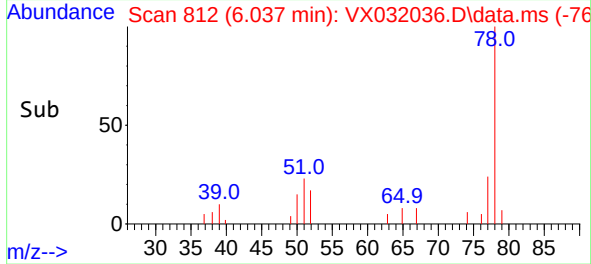
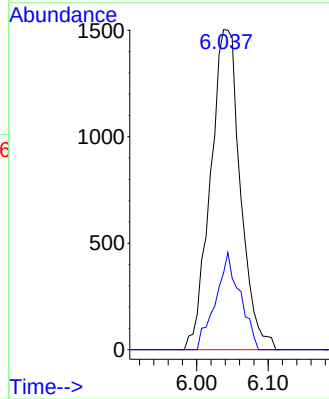
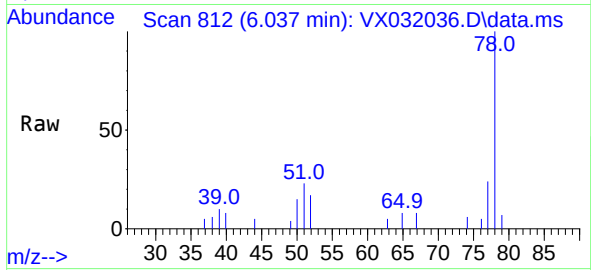




#40
Benzene
Concen: 0.925 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX032036.D
Acq: 11 Oct 2022 14:59

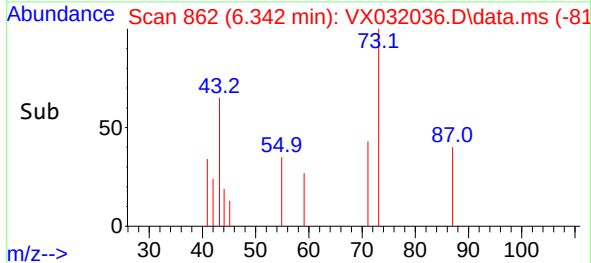
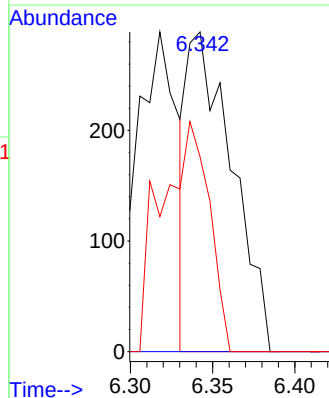
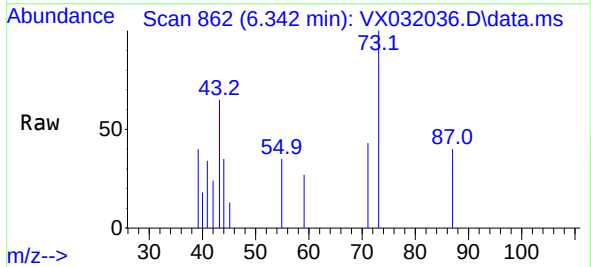
Instrument :
MSVOA_X
ClientSampleId :
MW-109DL

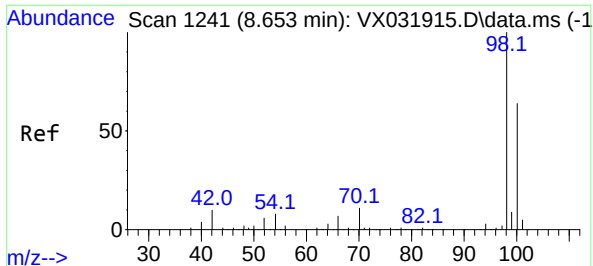
Tgt Ion: 78 Resp: 4370
Ion Ratio Lower Upper
78 100
77 24.0 18.7 28.1



#43
Isopropyl Acetate
Concen: 0.239 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX032036.D
Acq: 11 Oct 2022 14:59

Tgt Ion: 43 Resp: 550
Ion Ratio Lower Upper
43 100
61 0.0 15.3 22.9#
87 76.5 10.6 15.8#





#50

Toluene-d8

Concen: 49.810 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX032036.D

Acq: 11 Oct 2022 14:59

Instrument :

MSVOA_X

ClientSampleId :

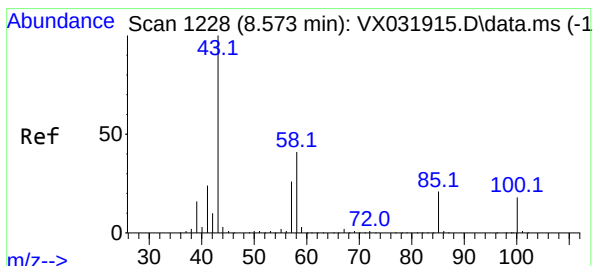
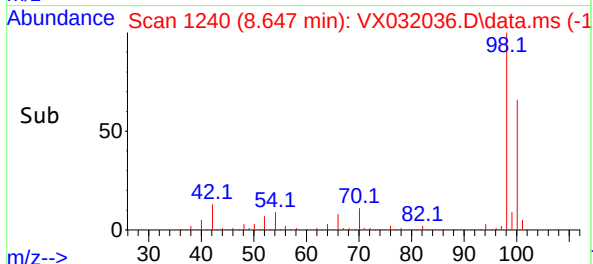
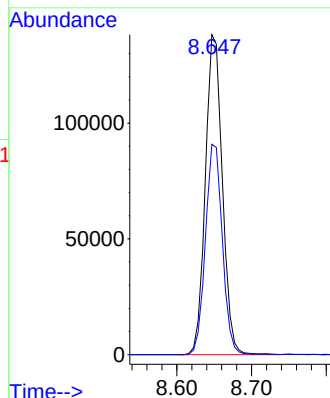
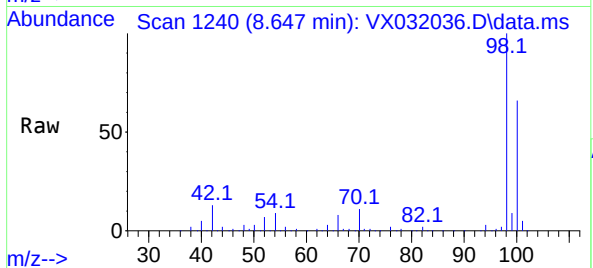
MW-109DL

Tgt Ion: 98 Resp: 218027

Ion Ratio Lower Upper

98 100

100 65.6 52.5 78.7



#51

4-Methyl-2-Pentanone

Concen: 0.696 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.074 min

Lab File: VX032036.D

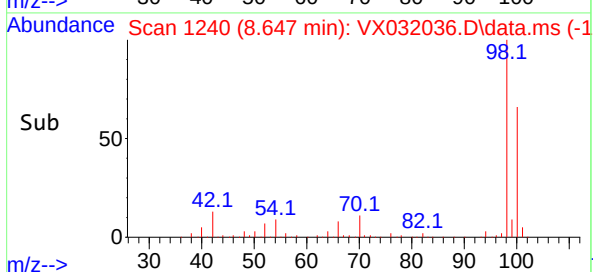
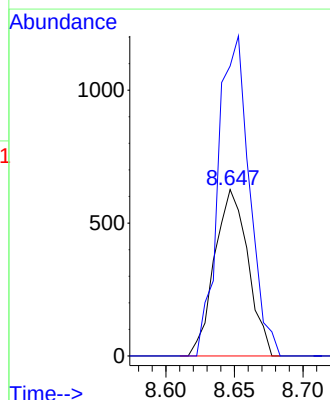
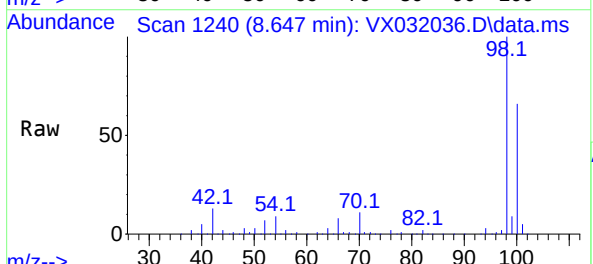
Acq: 11 Oct 2022 14:59

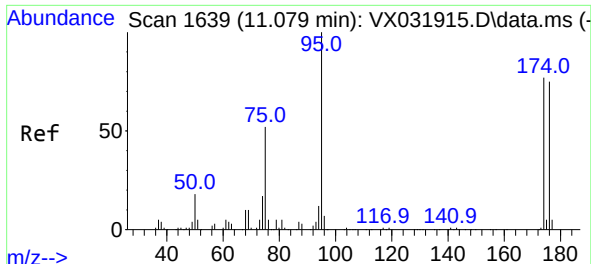
Tgt Ion: 43 Resp: 1063

Ion Ratio Lower Upper

43 100

58 178.9 30.6 46.0#

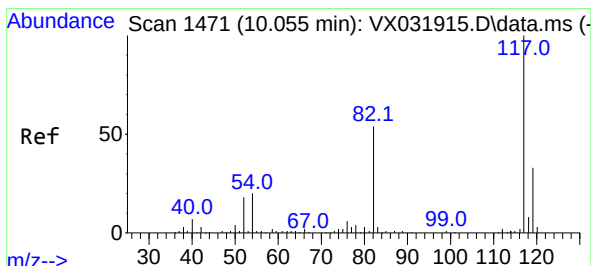
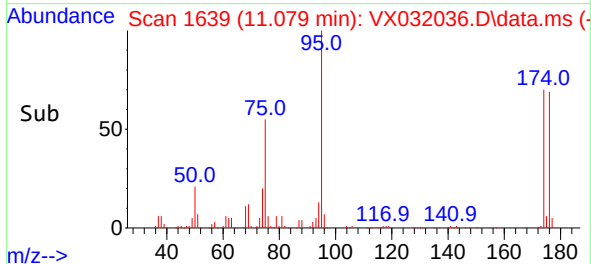
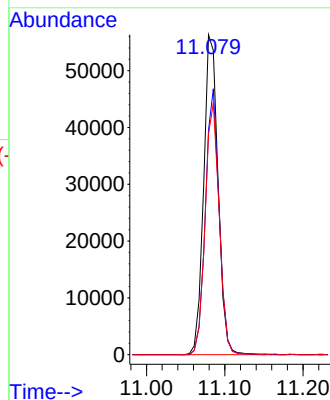
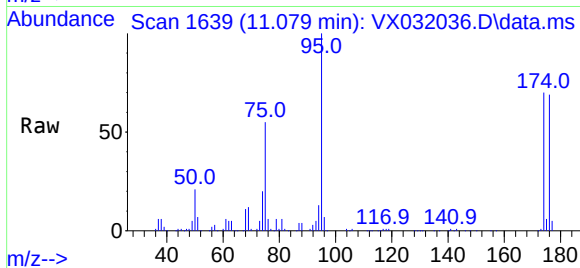




#62
4-Bromofluorobenzene
Concen: 46.330 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX032036.D
Acq: 11 Oct 2022 14:59

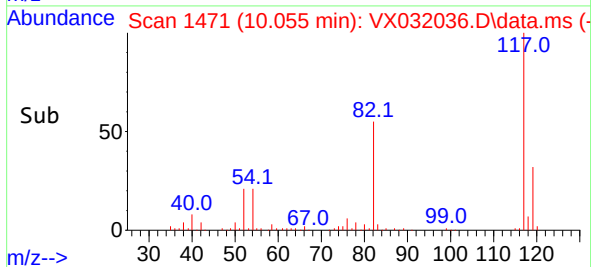
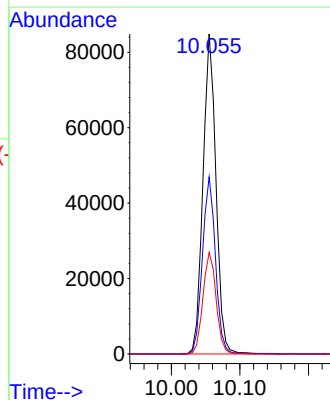
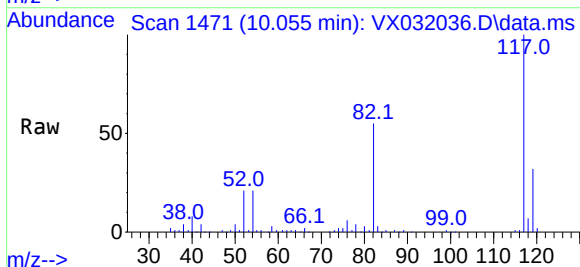
Instrument :
MSVOA_X
ClientSampleId :
MW-109DL

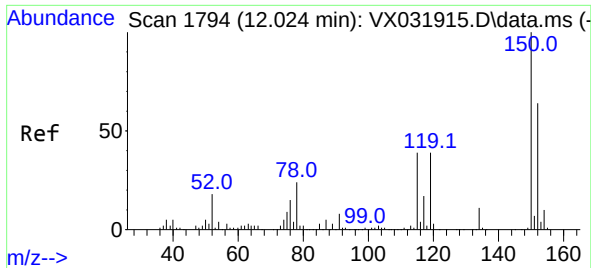
Tgt Ion: 95 Resp: 71694
Ion Ratio Lower Upper
95 100
174 79.3 0.0 153.2
176 76.9 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032036.D
Acq: 11 Oct 2022 14:59

Tgt Ion: 117 Resp: 112053
Ion Ratio Lower Upper
117 100
82 55.4 46.8 70.2
119 31.7 26.4 39.6

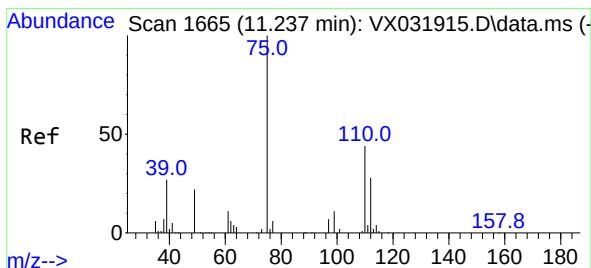
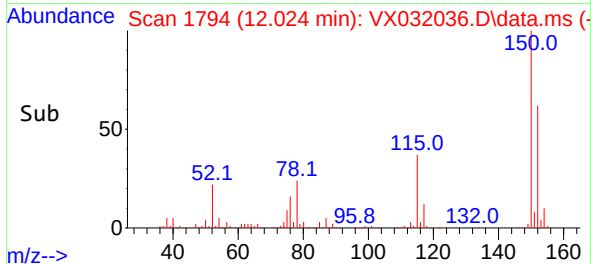
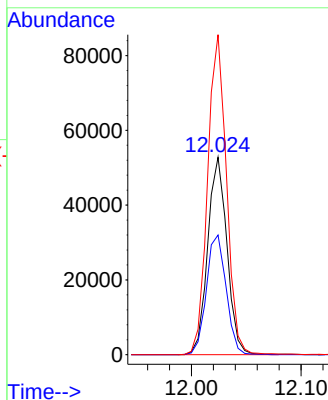
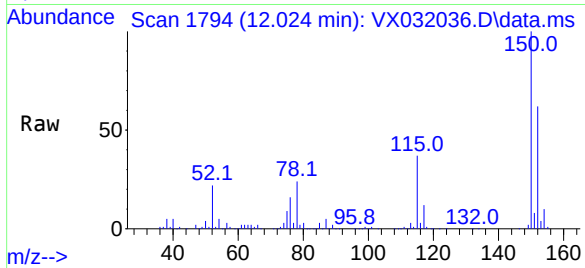




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032036.D
Acq: 11 Oct 2022 14:59

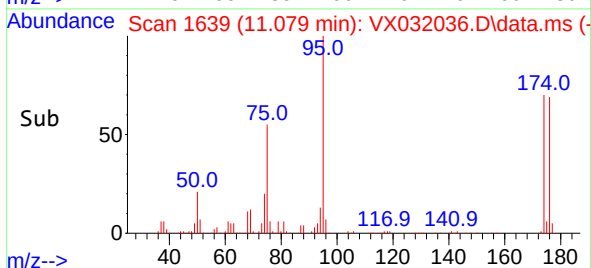
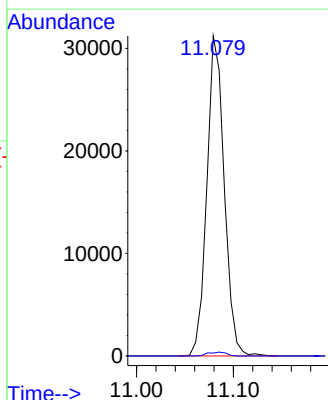
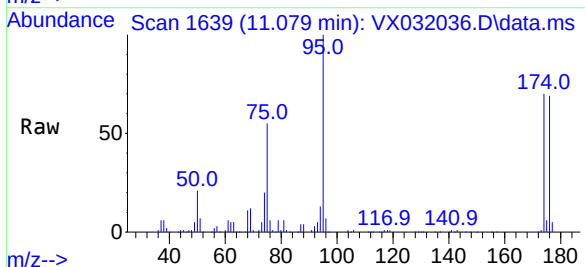
Instrument :
MSVOA_X
ClientSampleId :
MW-109DL

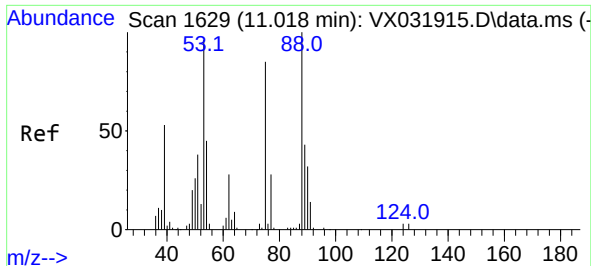
Tgt Ion:152 Resp: 64471
Ion Ratio Lower Upper
152 100
115 62.3 43.4 130.1
150 158.8 0.0 346.8



#76
1,2,3-Trichloropropane
Concen: 29.435 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX032036.D
Acq: 11 Oct 2022 14:59

Tgt Ion: 75 Resp: 38894
Ion Ratio Lower Upper
75 100
77 1.3 20.3 60.9#





#81
trans-1,4-Dichloro-2-butene
Concen: 100.538 ug/l
RT: 11.079 min Scan# 10
Delta R.T. 0.061 min
Lab File: VX032036.D
Acq: 11 Oct 2022 14:59

Instrument :
MSVOA_X
ClientSampleId :
MW-109DL

Tgt Ion: 75 Resp: 38894
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

