

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092922\
 Data File : VX031772.D
 Acq On : 29 Sep 2022 14:46
 Operator : JC/MD
 Sample : N4860-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-03

Quant Time: Sep 30 04:32:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 01:44:18 2022
 Response via : Initial Calibration

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

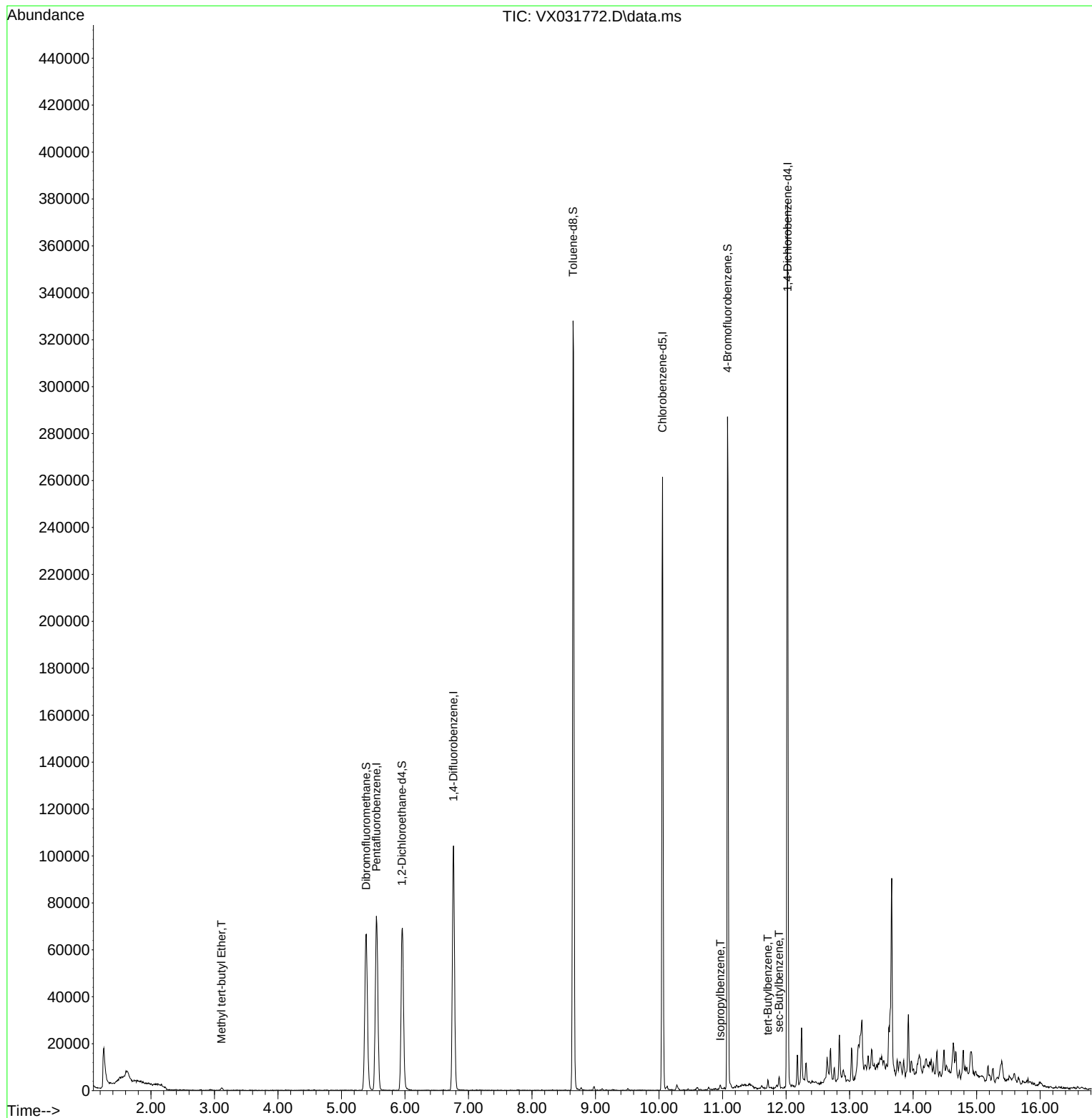
Internal Standards						
1) Pentafluorobenzene	5.550	168	71184	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	110683	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	118703	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	78876	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	67753	44.845	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.700%
35) Dibromofluoromethane	5.385	113	57078	43.280	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	86.560%
50) Toluene-d8	8.647	98	200477	41.930	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	83.860%#
62) 4-Bromofluorobenzene	11.079	95	72313	41.265	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	82.520%#
Target Compounds						
					Qvalue	
19) Methyl tert-butyl Ether	3.111	73	1470	0.437	ug/l #	90
73) Isopropylbenzene	10.964	105	1036	0.203	ug/l	88
83) tert-Butylbenzene	11.713	119	1319	0.316	ug/l	76
85) sec-Butylbenzene	11.890	105	2512	0.474	ug/l	88

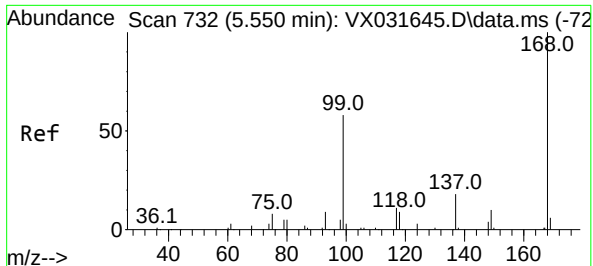
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
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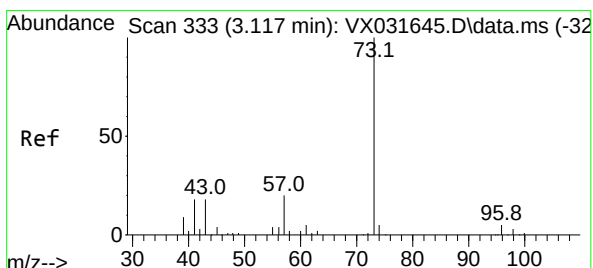
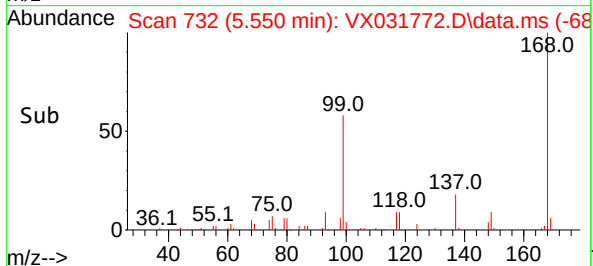
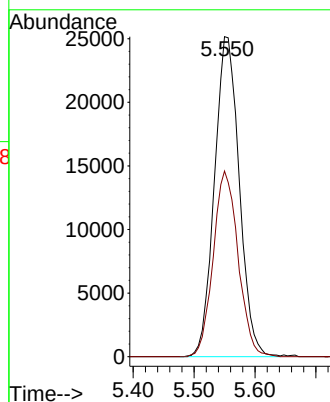
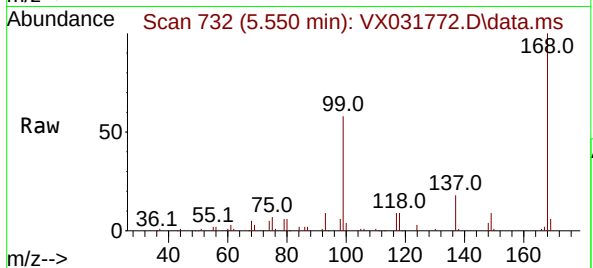




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031772.D
Acq: 29 Sep 2022 14:46

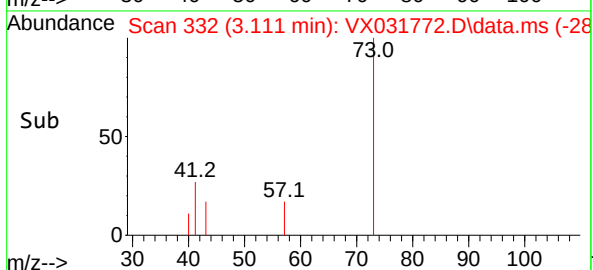
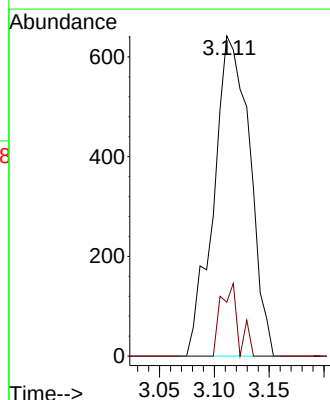
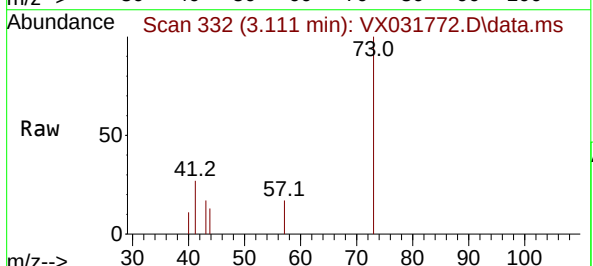
Instrument :
MSVOA_X
ClientSampleId :
MW-03

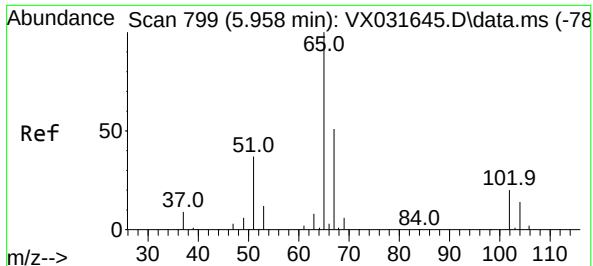
Tgt Ion:168 Resp: 71184
Ion Ratio Lower Upper
168 100
99 58.0 48.8 73.2



#19
Methyl tert-butyl Ether
Concen: 0.437 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.006 min
Lab File: VX031772.D
Acq: 29 Sep 2022 14:46

Tgt Ion: 73 Resp: 1470
Ion Ratio Lower Upper
73 100
57 16.8 17.2 25.8#





#33

1,2-Dichloroethane-d4

Concen: 44.845 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX031772.D

Acq: 29 Sep 2022 14:46

Instrument :

MSVOA_X

ClientSampleId :

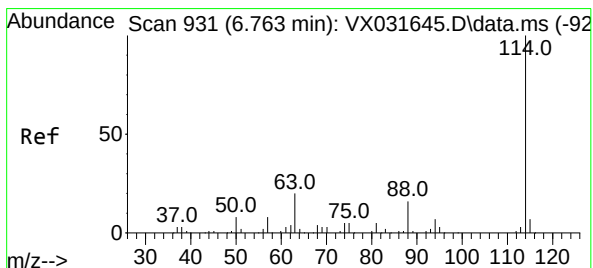
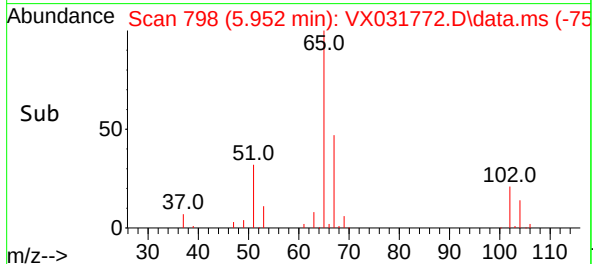
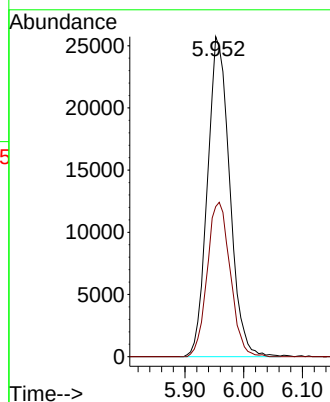
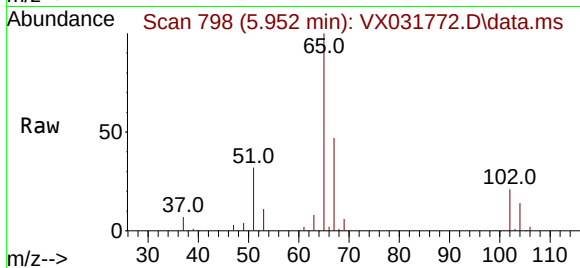
MW-03

Tgt Ion: 65 Resp: 67753

Ion Ratio Lower Upper

65 100

67 49.9 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX031772.D

Acq: 29 Sep 2022 14:46

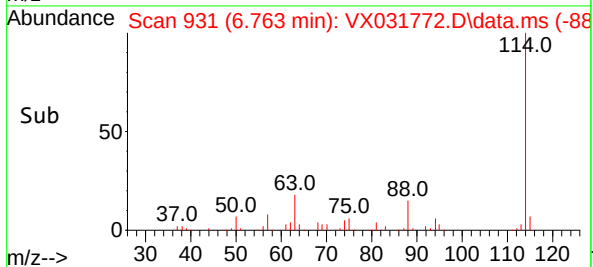
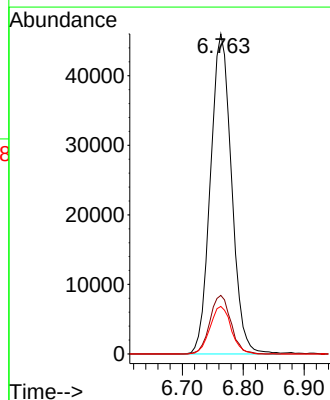
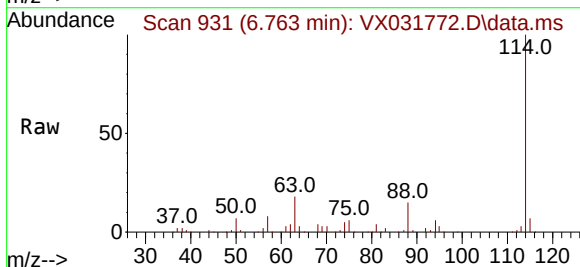
Tgt Ion: 114 Resp: 110683

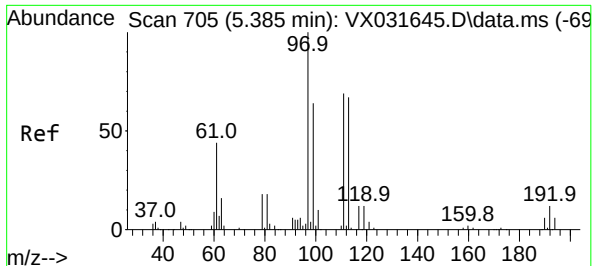
Ion Ratio Lower Upper

114 100

63 18.3 0.0 42.6

88 14.9 0.0 33.0

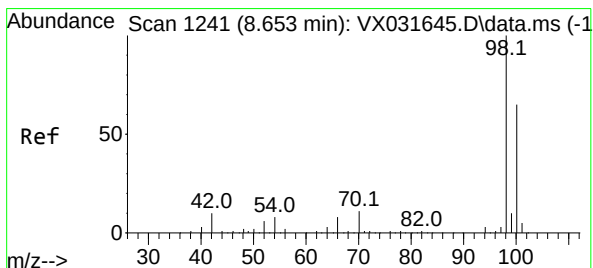
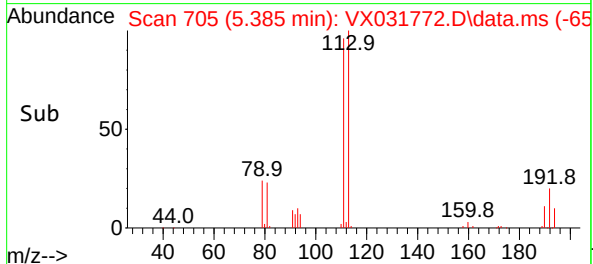
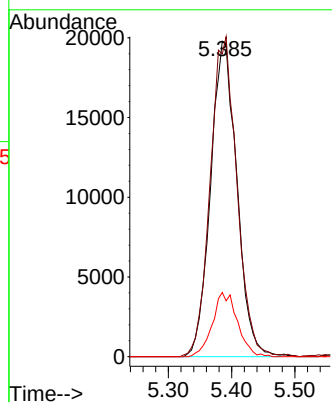
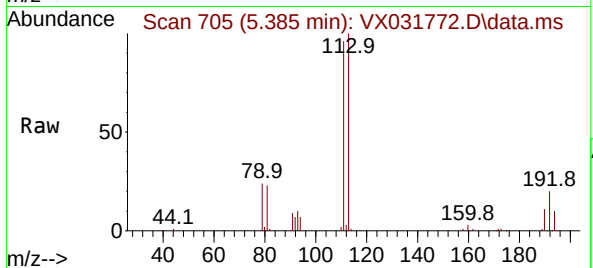




#35
 Dibromofluoromethane
 Concen: 43.280 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. -0.006 min
 Lab File: VX031772.D
 Acq: 29 Sep 2022 14:46

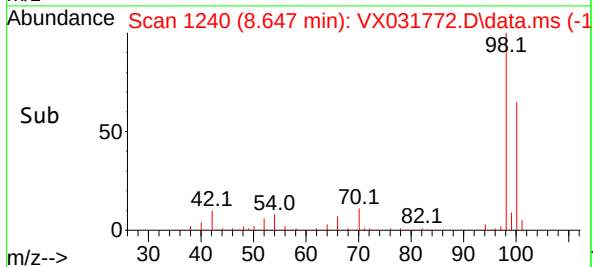
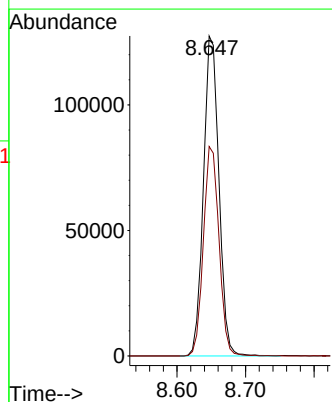
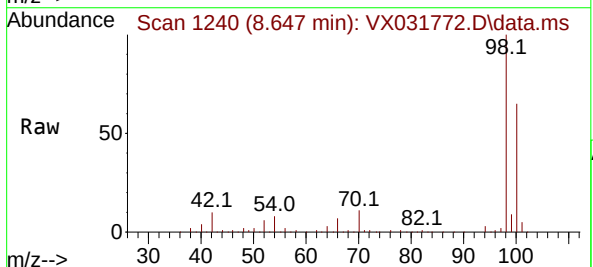
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-03

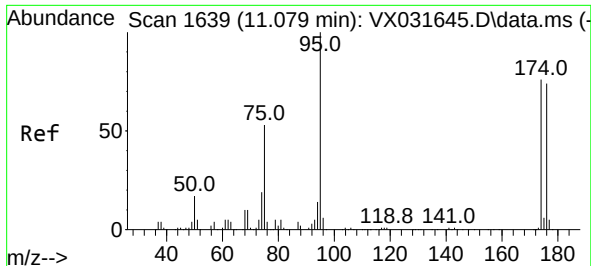
Tgt Ion:113 Resp: 57078
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.4 123.6
 192 19.4 14.1 21.1



#50
 Toluene-d8
 Concen: 41.930 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. -0.006 min
 Lab File: VX031772.D
 Acq: 29 Sep 2022 14:46

Tgt Ion: 98 Resp: 200477
 Ion Ratio Lower Upper
 98 100
 100 66.0 52.5 78.7

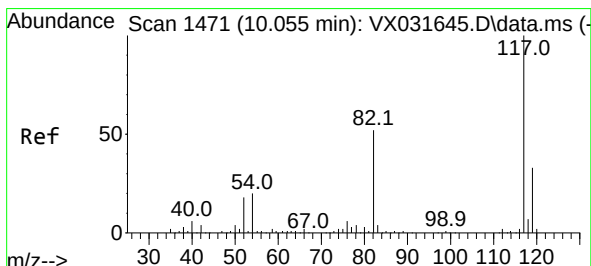
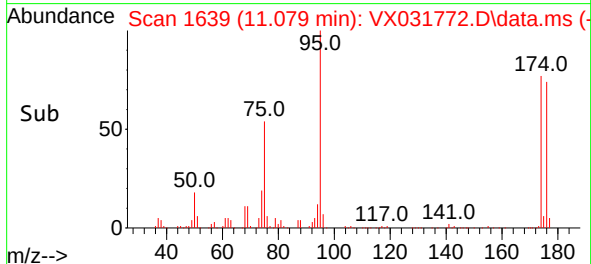
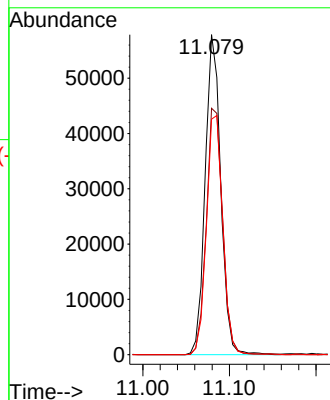
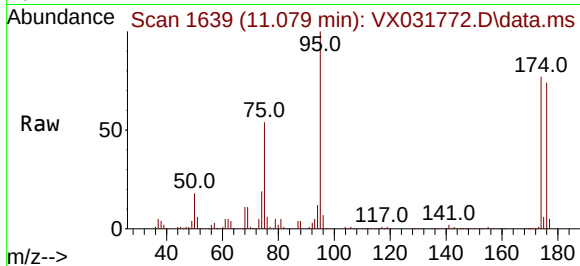




#62
4-Bromofluorobenzene
Concen: 41.265 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031772.D
Acq: 29 Sep 2022 14:46

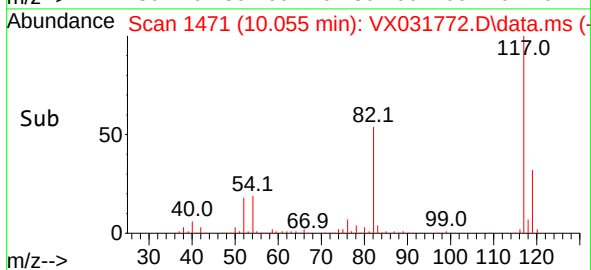
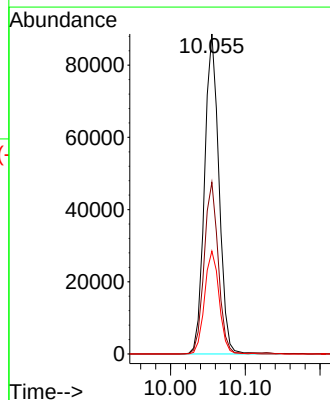
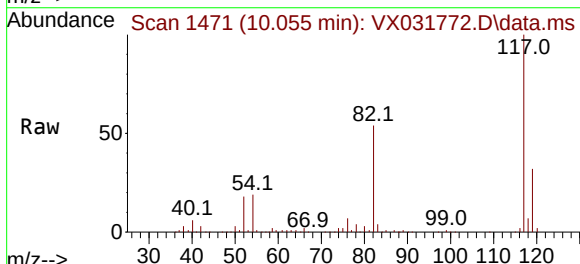
Instrument :
MSVOA_X
ClientSampleId :
MW-03

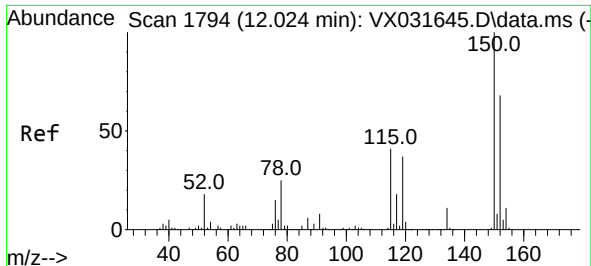
Tgt Ion: 95 Resp: 72313
Ion Ratio Lower Upper
95 100
174 80.9 0.0 153.2
176 78.3 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031772.D
Acq: 29 Sep 2022 14:46

Tgt Ion: 117 Resp: 118703
Ion Ratio Lower Upper
117 100
82 53.7 46.8 70.2
119 32.1 26.4 39.6

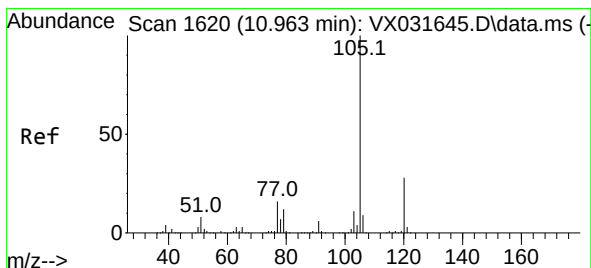
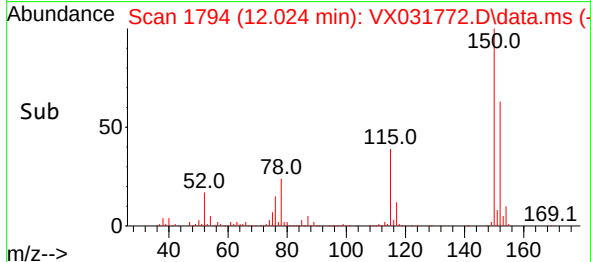
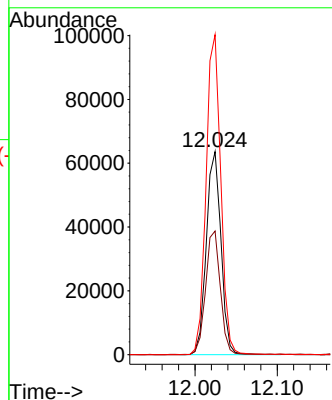
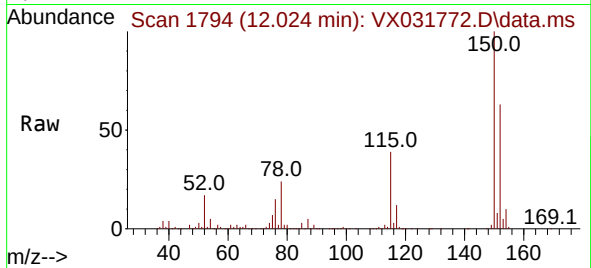




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031772.D
Acq: 29 Sep 2022 14:46

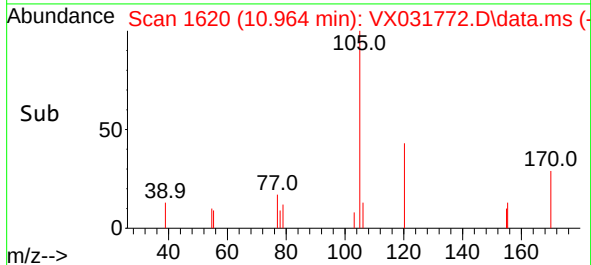
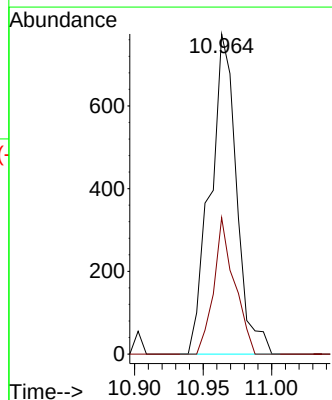
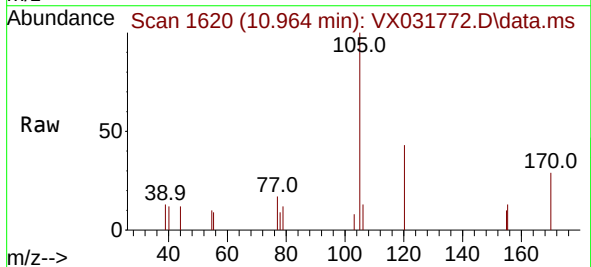
Instrument :
MSVOA_X
ClientSampleId :
MW-03

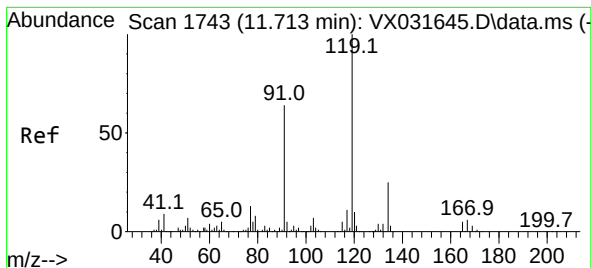
Tgt Ion:152 Resp: 78876
Ion Ratio Lower Upper
152 100
115 60.8 43.4 130.1
150 157.6 0.0 346.8



#73
Isopropylbenzene
Concen: 0.203 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX031772.D
Acq: 29 Sep 2022 14:46

Tgt Ion:105 Resp: 1036
Ion Ratio Lower Upper
105 100
120 33.3 13.7 41.0





#83

tert-Butylbenzene

Concen: 0.316 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.006 min

Lab File: VX031772.D

Acq: 29 Sep 2022 14:46

Instrument :

MSVOA_X

ClientSampleId :

MW-03

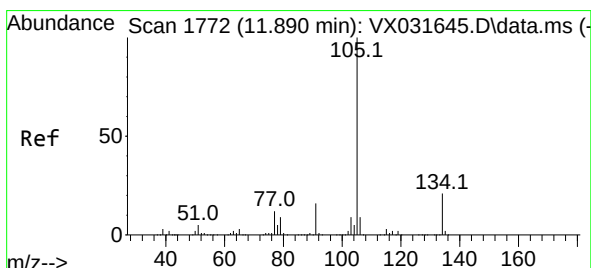
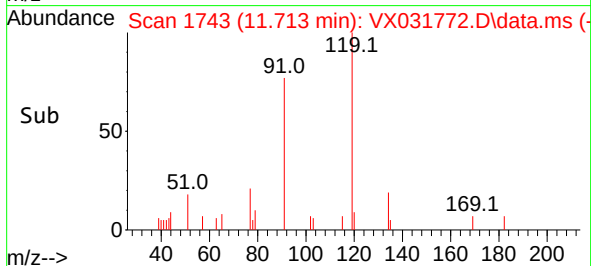
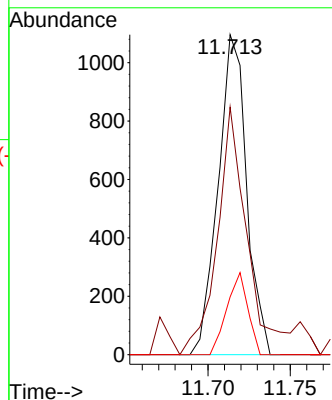
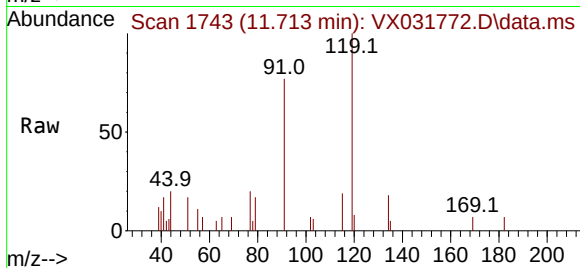
Tgt Ion:119 Resp: 1319

Ion Ratio Lower Upper

119 100

91 81.1 29.2 87.6

134 19.0 11.6 34.8



#85

sec-Butylbenzene

Concen: 0.474 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX031772.D

Acq: 29 Sep 2022 14:46

Tgt Ion:105 Resp: 2512

Ion Ratio Lower Upper

105 100

134 26.4 10.4 31.1

