

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100322\
 Data File : VX031848.D
 Acq On : 03 Oct 2022 20:58
 Operator : JC/MD
 Sample : N4860-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-05

Quant Time: Oct 04 07:12:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100322W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 06:59:30 2022
 Response via : Initial Calibration

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

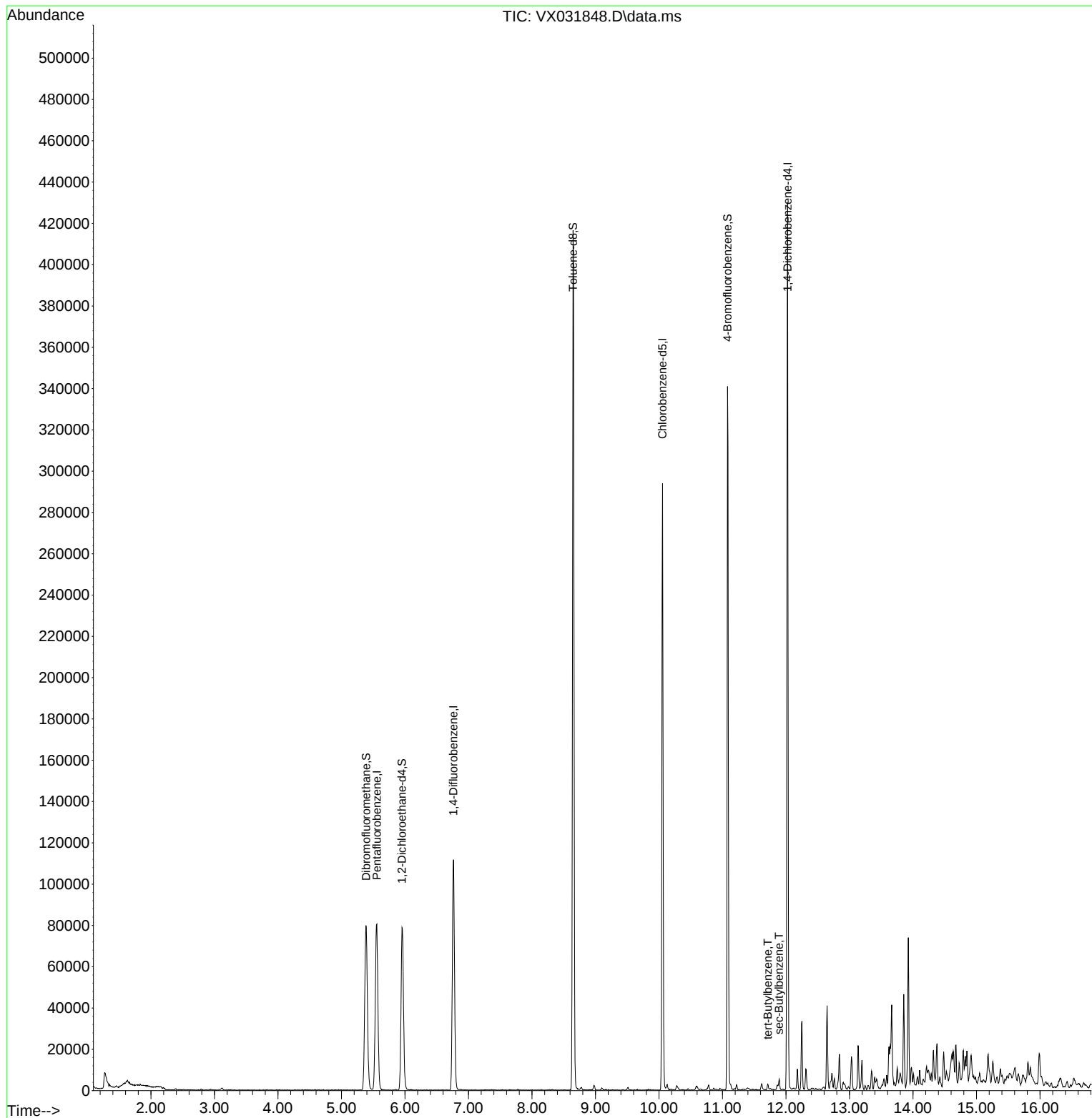
Internal Standards						
1) Pentafluorobenzene	5.556	168	80252	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	123140	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	135148	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	91329	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	76573	53.259	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	106.520%
35) Dibromofluoromethane	5.385	113	70352	48.086	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.180%
50) Toluene-d8	8.647	98	256563	49.021	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.040%
62) 4-Bromofluorobenzene	11.079	95	89148	47.300	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.600%
Target Compounds						
					Qvalue	
83) tert-Butylbenzene	11.713	119	1341	0.246	ug/l	96
85) sec-Butylbenzene	11.890	105	2755	0.420	ug/l #	71

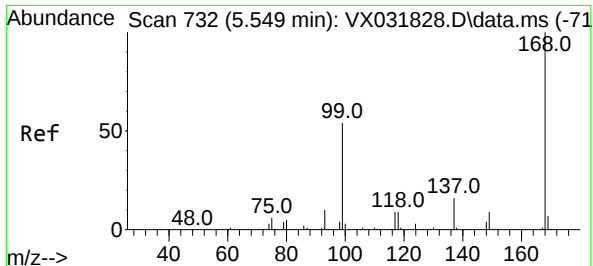
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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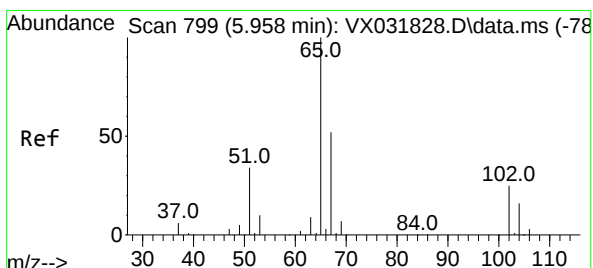
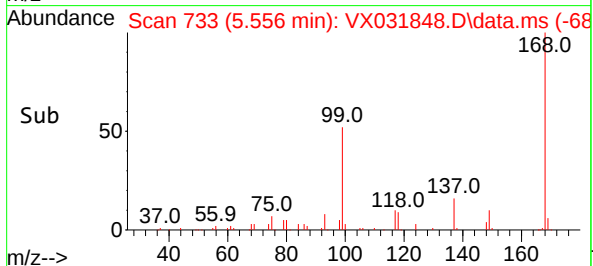
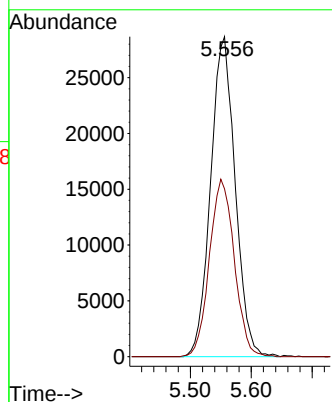
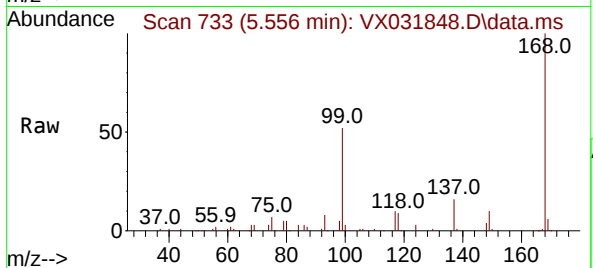




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX031848.D
Acq: 03 Oct 2022 20:58

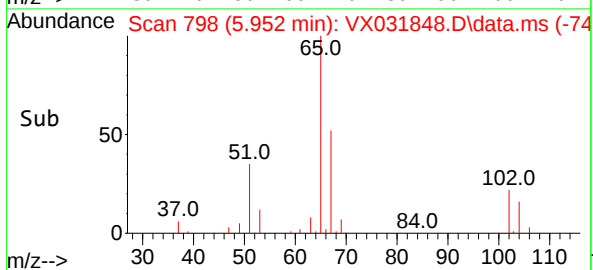
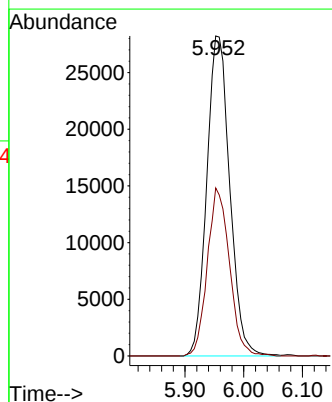
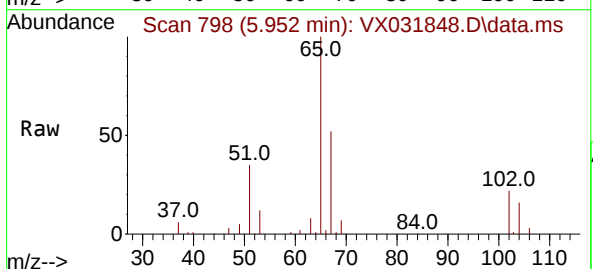
Instrument :
MSVOA_X
ClientSampleId :
MW-05

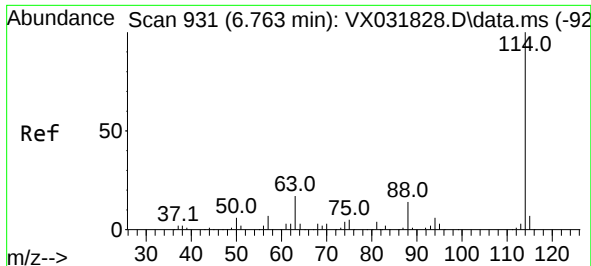
Tgt Ion:168 Resp: 80252
Ion Ratio Lower Upper
168 100
99 52.4 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 53.259 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX031848.D
Acq: 03 Oct 2022 20:58

Tgt Ion: 65 Resp: 76573
Ion Ratio Lower Upper
65 100
67 50.6 0.0 102.4

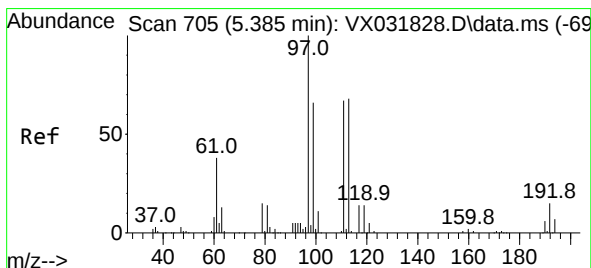
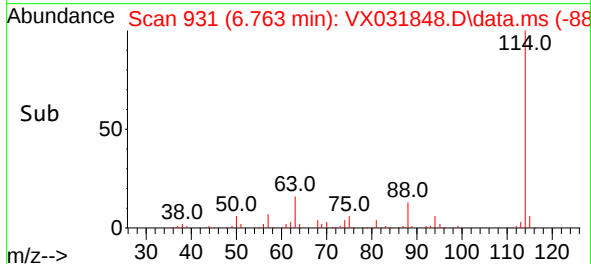
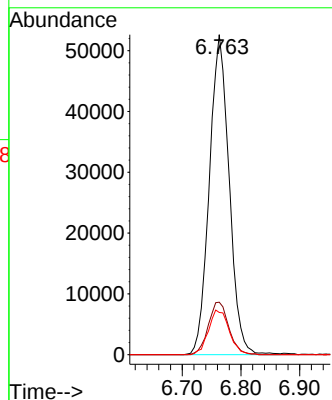
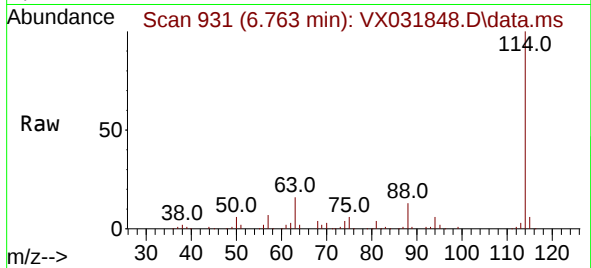




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX031848.D
Acq: 03 Oct 2022 20:58

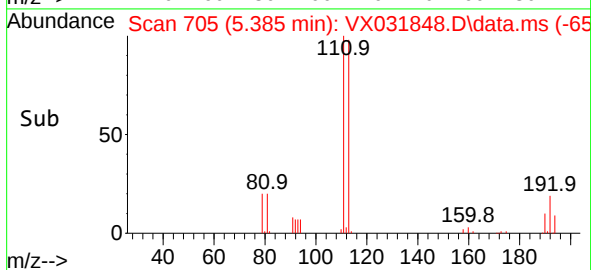
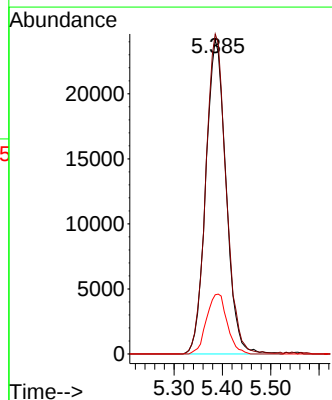
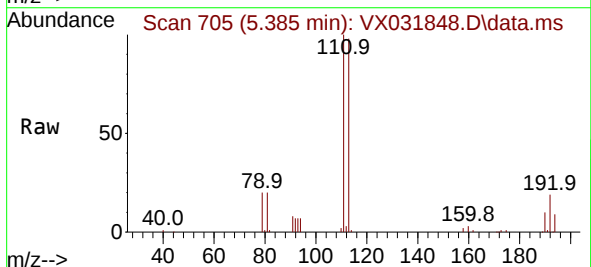
Instrument :
MSVOA_X
ClientSampleId :
MW-05

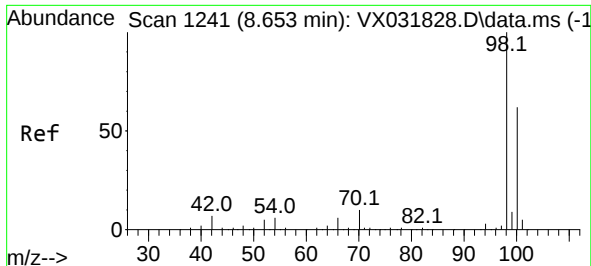
Tgt Ion:114 Resp: 123140
Ion Ratio Lower Upper
114 100
63 16.4 0.0 42.6
88 13.2 0.0 33.0



#35
Dibromofluoromethane
Concen: 48.086 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX031848.D
Acq: 03 Oct 2022 20:58

Tgt Ion:113 Resp: 70352
Ion Ratio Lower Upper
113 100
111 102.1 82.4 123.6
192 19.3 14.1 21.1





#50

Toluene-d8

Concen: 49.021 ug/l

RT: 8.647 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX031848.D

Acq: 03 Oct 2022 20:58

Instrument :

MSVOA_X

ClientSampleId :

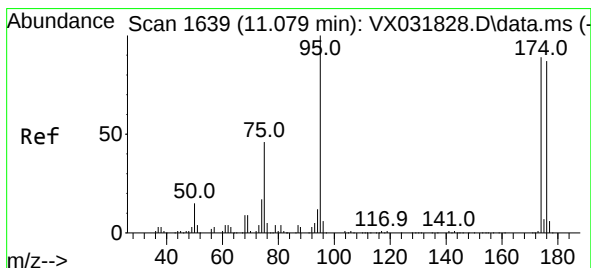
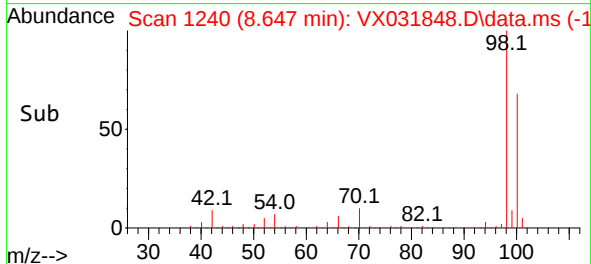
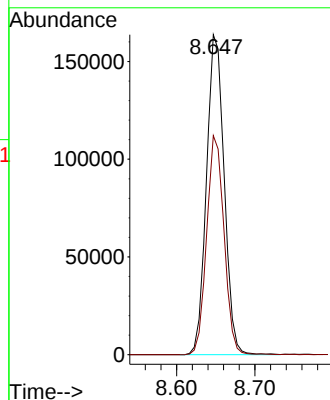
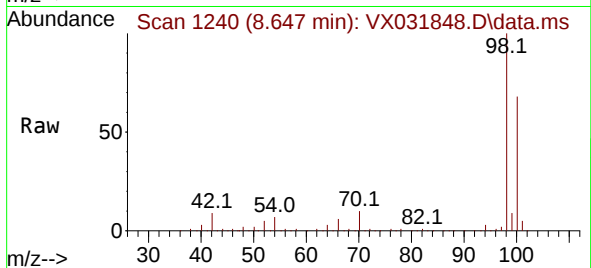
MW-05

Tgt Ion: 98 Resp: 256563

Ion Ratio Lower Upper

98 100

100 67.1 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 47.300 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX031848.D

Acq: 03 Oct 2022 20:58

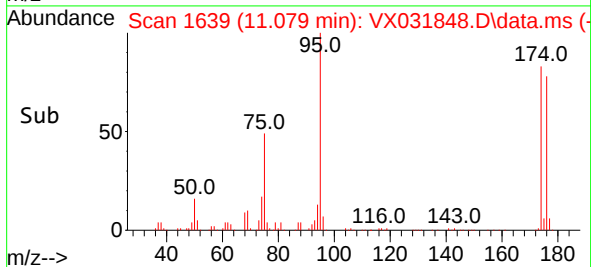
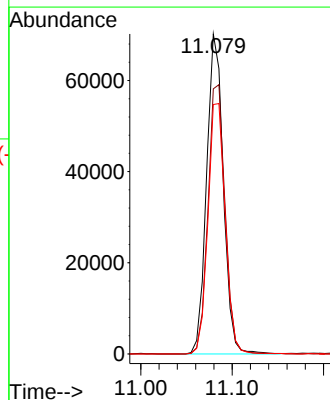
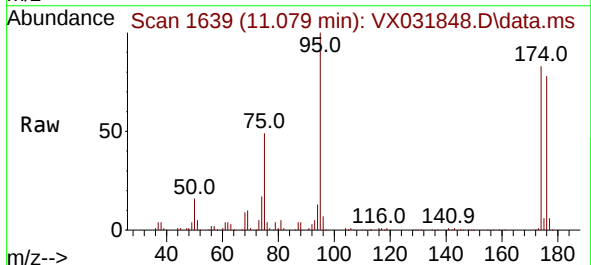
Tgt Ion: 95 Resp: 89148

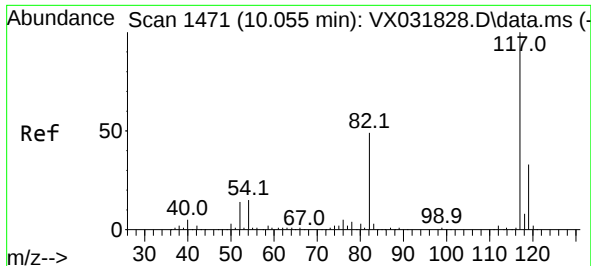
Ion Ratio Lower Upper

95 100

174 86.5 0.0 153.2

176 81.3 0.0 144.0

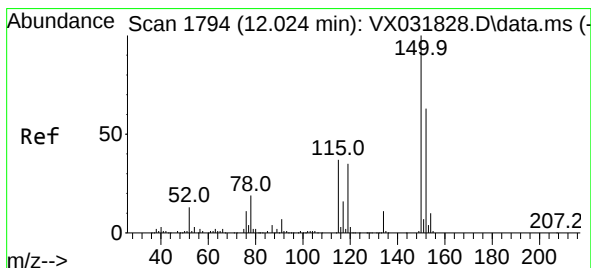
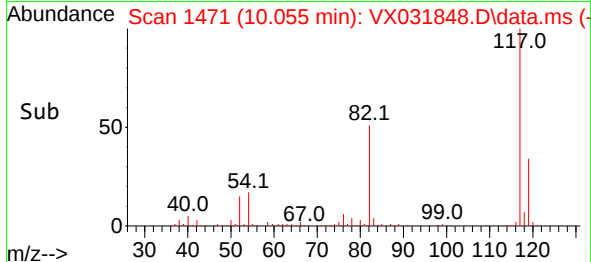
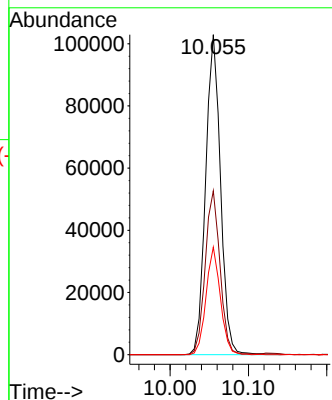
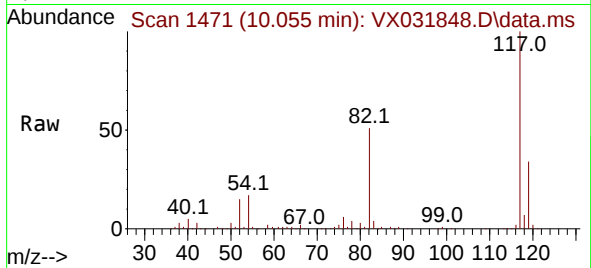




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031848.D
Acq: 03 Oct 2022 20:58

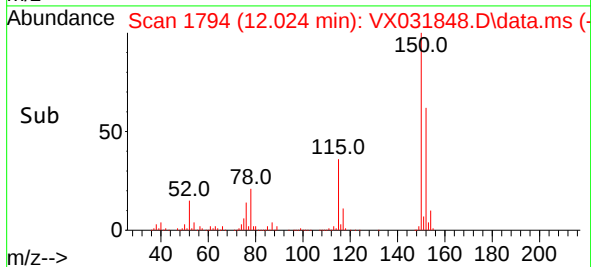
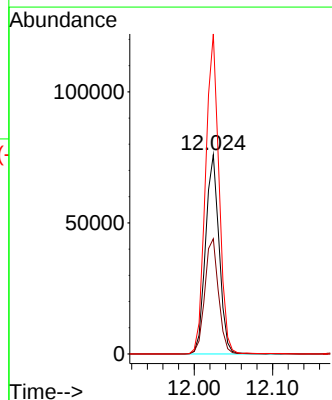
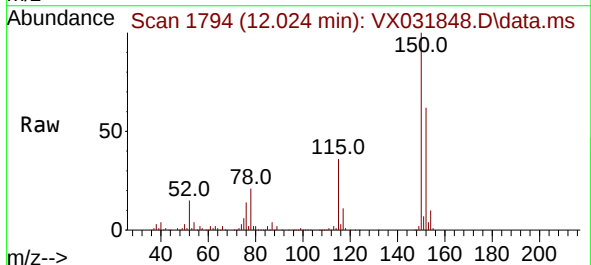
Instrument :
MSVOA_X
ClientSampleId :
MW-05

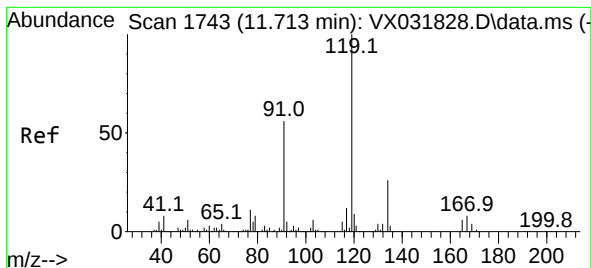
Tgt Ion:117 Resp: 135148
Ion Ratio Lower Upper
117 100
82 51.2 46.8 70.2
119 33.6 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031848.D
Acq: 03 Oct 2022 20:58

Tgt Ion:152 Resp: 91329
Ion Ratio Lower Upper
152 100
115 58.4 43.4 130.1
150 159.5 0.0 346.8





#83

tert-Butylbenzene

Concen: 0.246 ug/l

RT: 11.713 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX031848.D

Acq: 03 Oct 2022 20:58

Instrument :

MSVOA_X

ClientSampleId :

MW-05

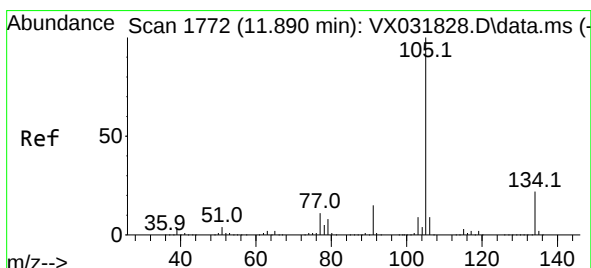
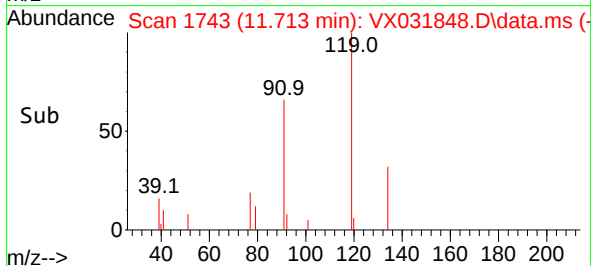
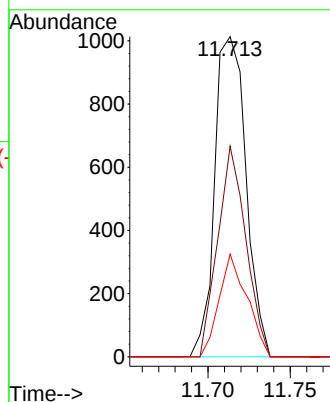
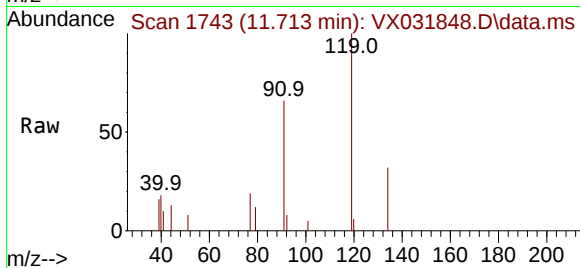
Tgt Ion:119 Resp: 1341

Ion Ratio Lower Upper

119 100

91 59.2 29.2 87.6

134 28.6 11.6 34.8



#85

sec-Butylbenzene

Concen: 0.420 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX031848.D

Acq: 03 Oct 2022 20:58

Tgt Ion:105 Resp: 2755

Ion Ratio Lower Upper

105 100

134 34.3 10.4 31.1#

