

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100322\
 Data File : VX031849.D
 Acq On : 03 Oct 2022 21:21
 Operator : JC/MD
 Sample : N4860-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-06

Quant Time: Oct 04 07:13:18 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)

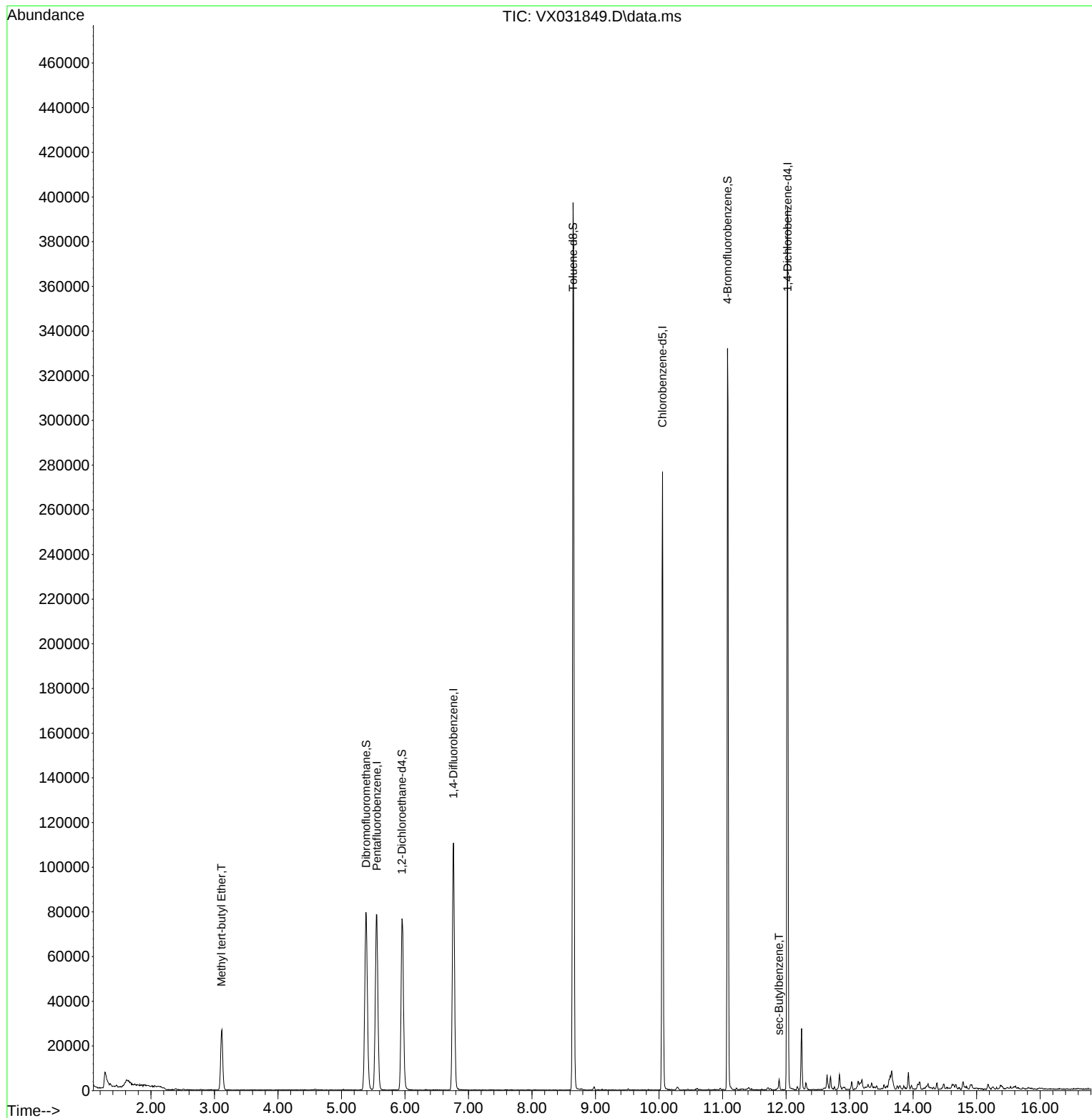
Internal Standards						
1) Pentafluorobenzene	5.556	168	77738	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	121187	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	133476	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	88167	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	73650	52.882	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.760%
35) Dibromofluoromethane	5.385	113	68024	47.244	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.480%
50) Toluene-d8	8.647	98	245906	47.742	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.480%
62) 4-Bromofluorobenzene	11.079	95	85435	46.061	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.120%
Target Compounds						
19) Methyl tert-butyl Ether	3.111	73	32340	9.144	ug/l	# 90
85) sec-Butylbenzene	11.890	105	2564	0.405	ug/l	96

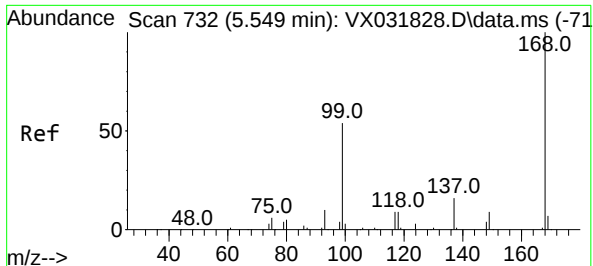
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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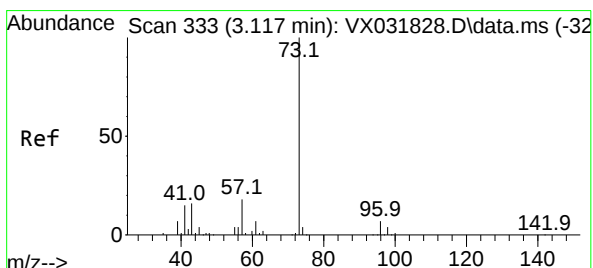
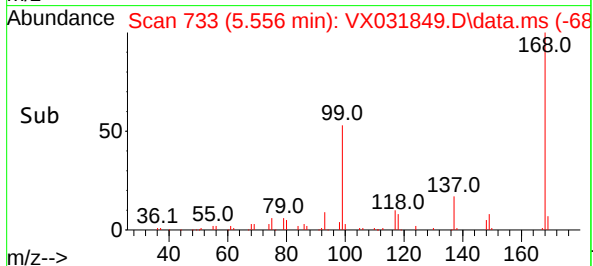
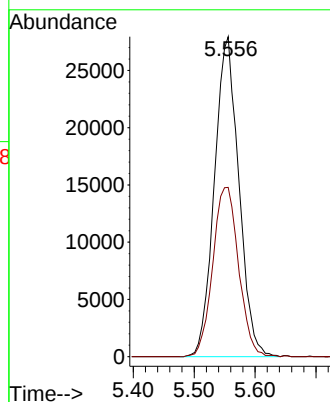
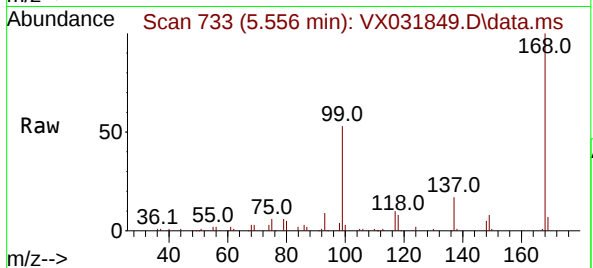




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX031849.D
Acq: 03 Oct 2022 21:21

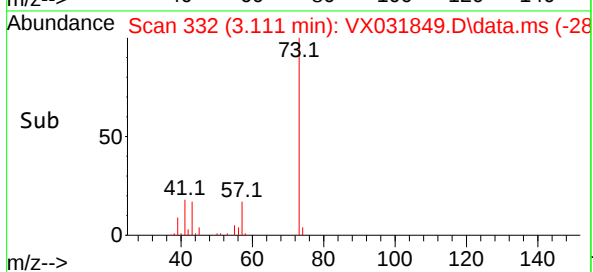
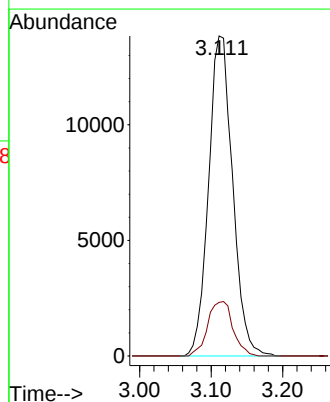
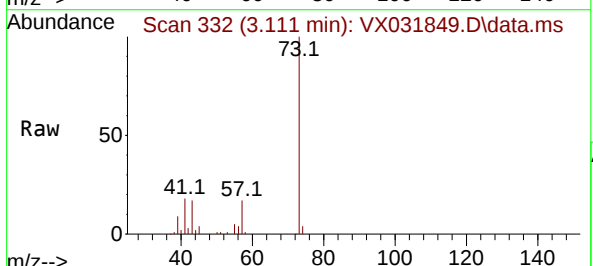
Instrument :
MSVOA_X
ClientSampleId :
MW-06

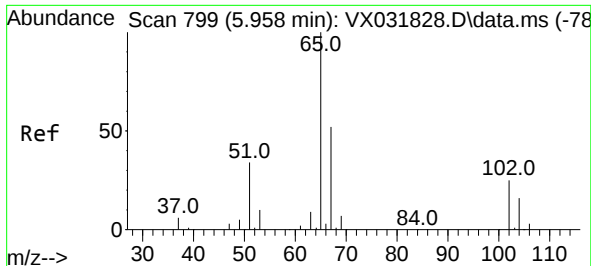
Tgt Ion:168 Resp: 77738
Ion Ratio Lower Upper
168 100
99 52.9 48.8 73.2



#19
Methyl tert-butyl Ether
Concen: 9.144 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX031849.D
Acq: 03 Oct 2022 21:21

Tgt Ion: 73 Resp: 32340
Ion Ratio Lower Upper
73 100
57 16.7 17.2 25.8#





#33

1,2-Dichloroethane-d4

Concen: 52.882 ug/l

RT: 5.952 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031849.D

Acq: 03 Oct 2022 21:21

Instrument :

MSVOA_X

ClientSampleId :

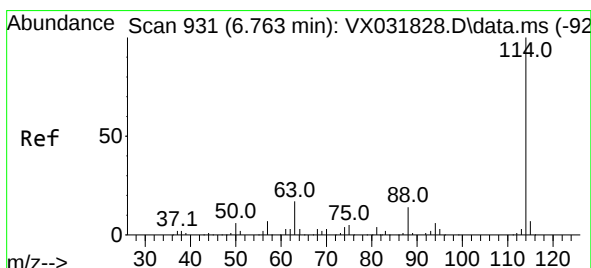
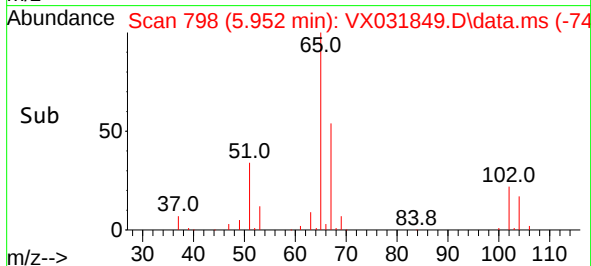
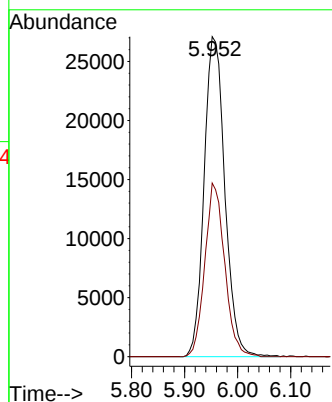
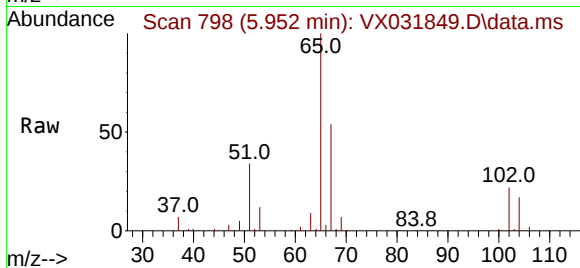
MW-06

Tgt Ion: 65 Resp: 73650

Ion Ratio Lower Upper

65 100

67 51.9 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: VX031849.D

Acq: 03 Oct 2022 21:21

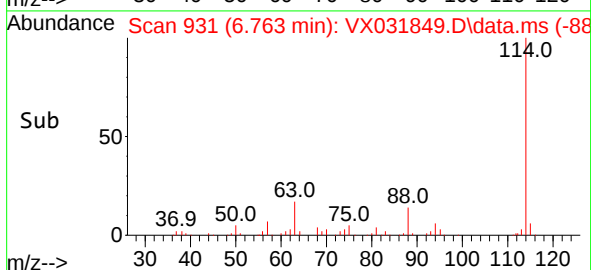
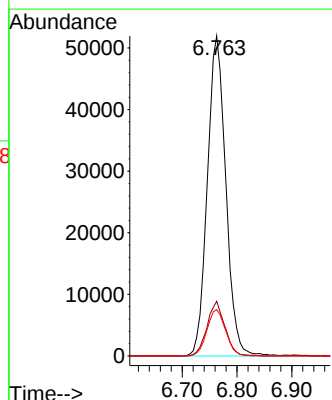
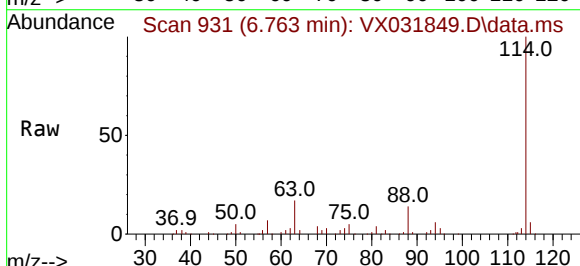
Tgt Ion: 114 Resp: 121187

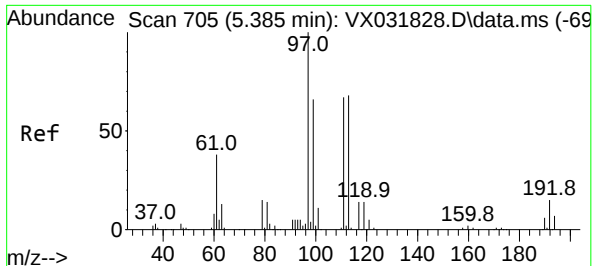
Ion Ratio Lower Upper

114 100

63 17.1 0.0 42.6

88 14.5 0.0 33.0





#35

Dibromofluoromethane

Concen: 47.244 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX031849.D

Acq: 03 Oct 2022 21:21

Instrument :

MSVOA_X

ClientSampleId :

MW-06

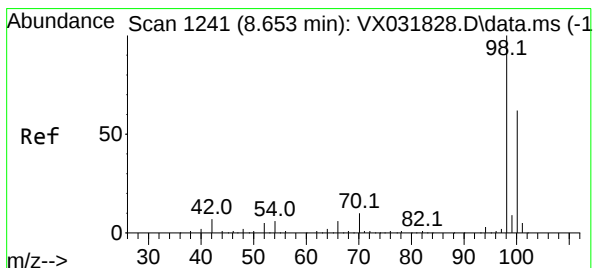
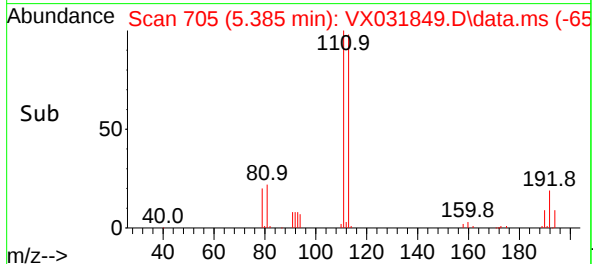
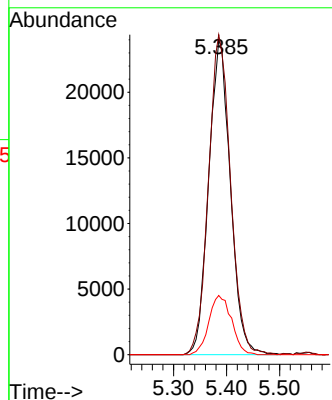
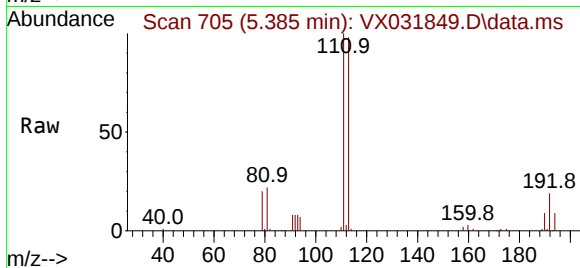
Tgt Ion:113 Resp: 68024

Ion Ratio Lower Upper

113 100

111 103.5 82.4 123.6

192 19.7 14.1 21.1



#50

Toluene-d8

Concen: 47.742 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX031849.D

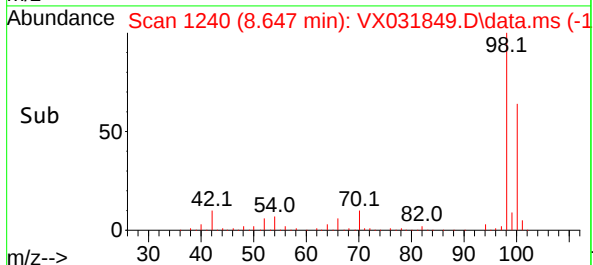
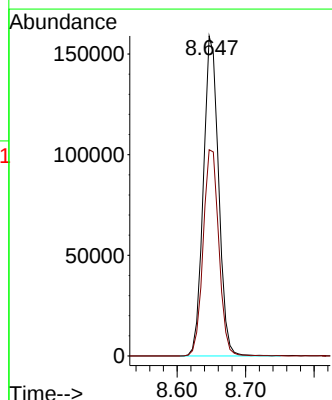
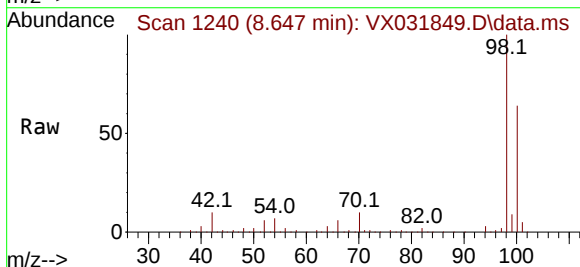
Acq: 03 Oct 2022 21:21

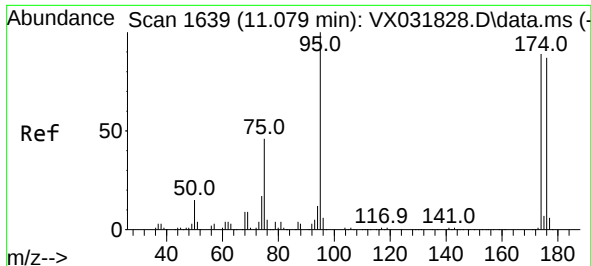
Tgt Ion: 98 Resp: 245906

Ion Ratio Lower Upper

98 100

100 66.4 52.5 78.7

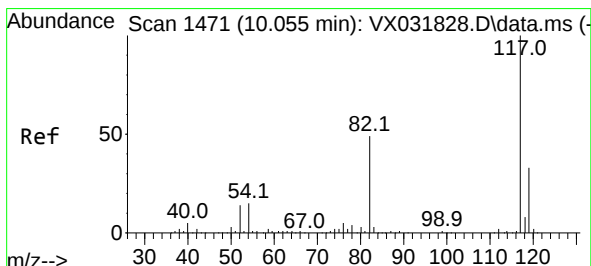
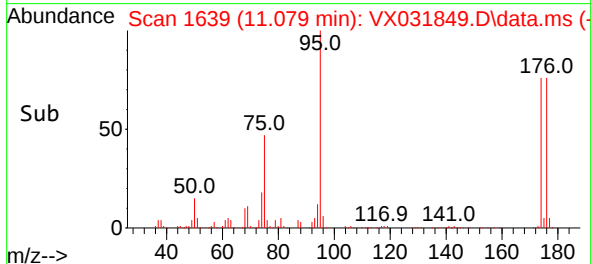
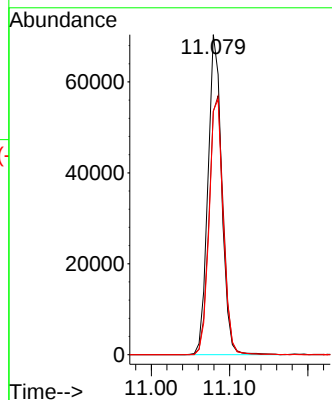
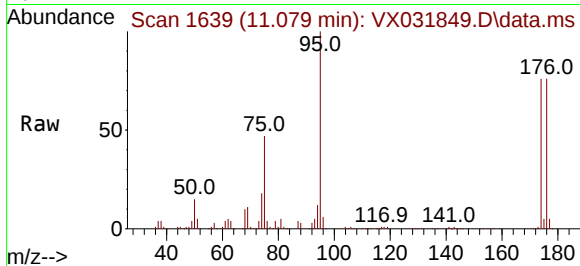




#62
4-Bromofluorobenzene
Concen: 46.061 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031849.D
Acq: 03 Oct 2022 21:21

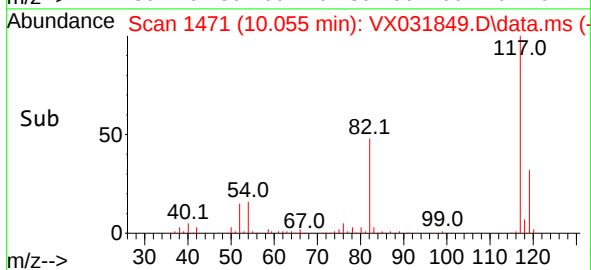
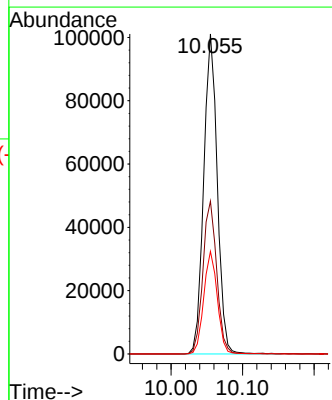
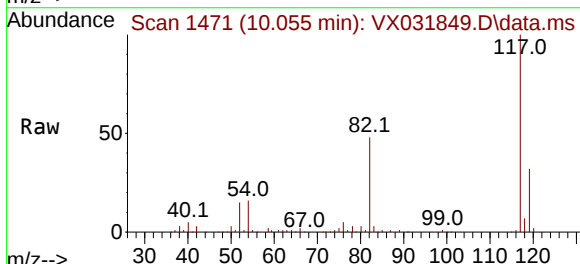
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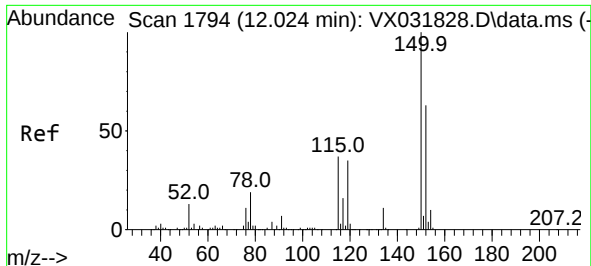
Tgt Ion: 95 Resp: 85435
Ion Ratio Lower Upper
95 100
174 84.6 0.0 153.2
176 82.0 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031849.D
Acq: 03 Oct 2022 21:21

Tgt Ion: 117 Resp: 133476
Ion Ratio Lower Upper
117 100
82 47.8 46.8 70.2
119 32.0 26.4 39.6

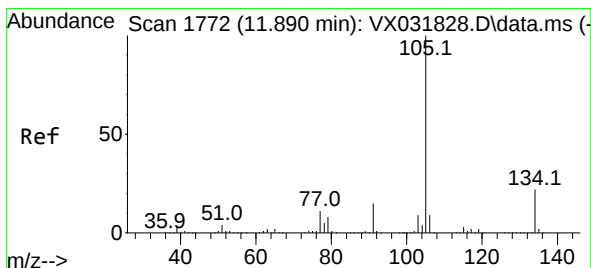
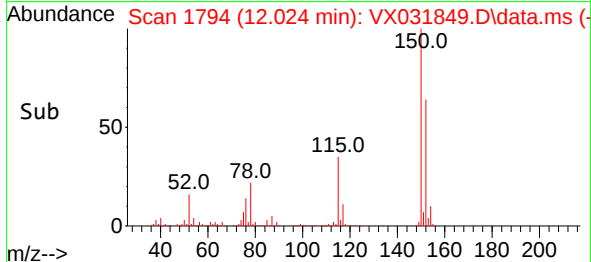
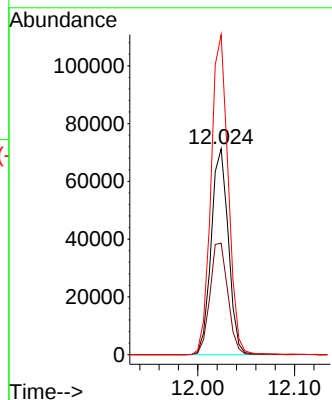
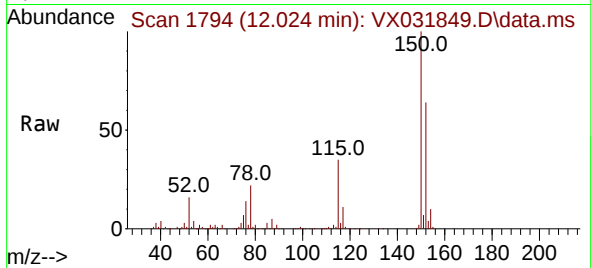




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031849.D
Acq: 03 Oct 2022 21:21

Instrument :
MSVOA_X
ClientSampleId :
MW-06

Tgt Ion:152 Resp: 88167
Ion Ratio Lower Upper
152 100
115 56.6 43.4 130.1
150 155.4 0.0 346.8



#85
sec-Butylbenzene
Concen: 0.405 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX031849.D
Acq: 03 Oct 2022 21:21

Tgt Ion:105 Resp: 2564
Ion Ratio Lower Upper
105 100
134 22.4 10.4 31.1

