

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100421\
 Data File : VX024555.D
 Acq On : 05 Oct 2021 06:02
 Operator : JC/MD
 Sample : M3989-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1R

Quant Time: Oct 05 08:35:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 18:24:34 2021
 Response via : Initial Calibration

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

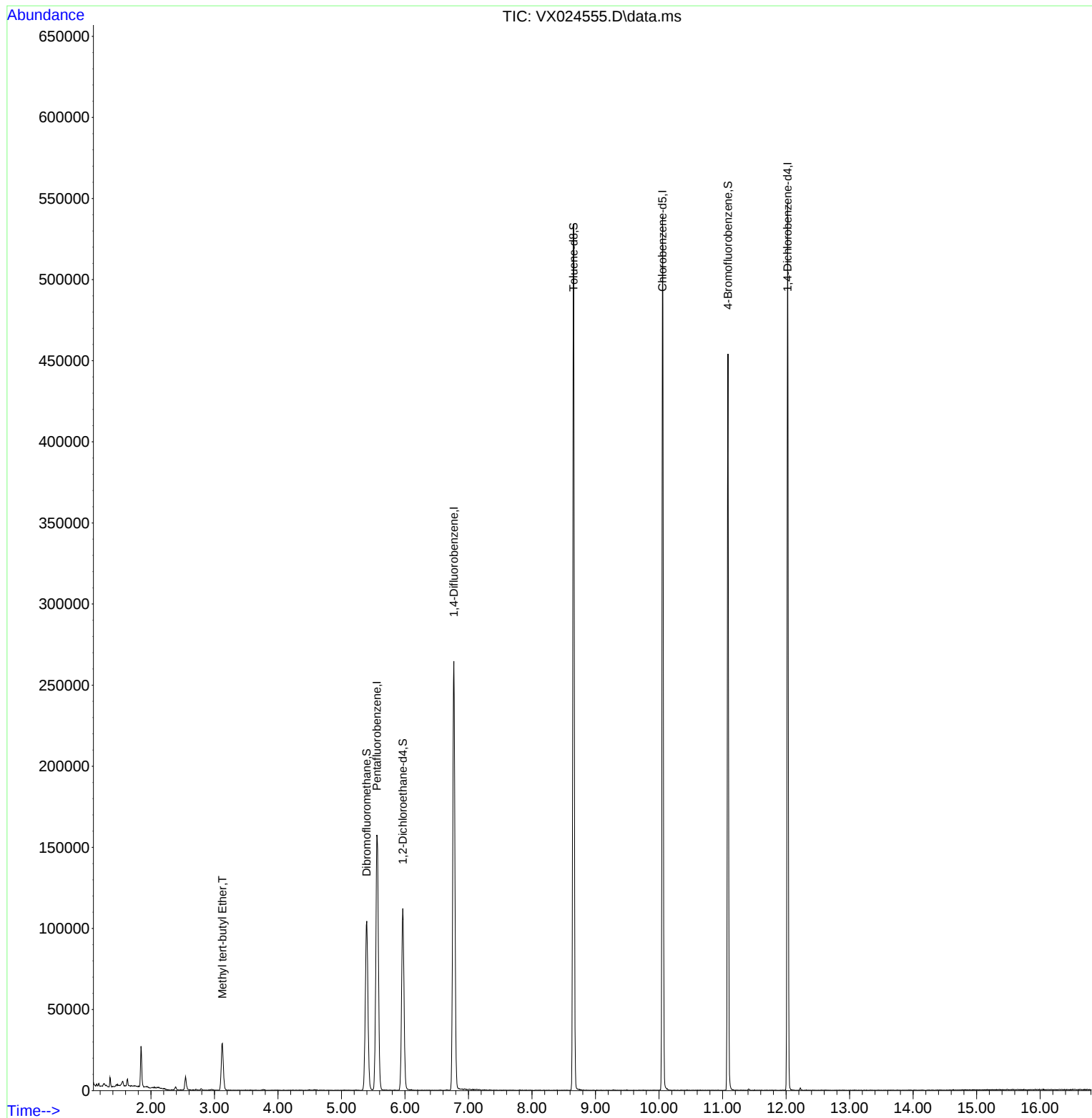
Internal Standards						
1) Pentafluorobenzene	5.556	168	149279	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	271299	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	237451	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	112034	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	111419	52.96	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	105.92%
35) Dibromofluoromethane	5.397	113	90476	50.20	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.40%
50) Toluene-d8	8.653	98	307989	46.43	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.86%
62) 4-Bromofluorobenzene	11.085	95	115345	44.22	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.44%
Target Compounds						
19) Methyl tert-butyl Ether	3.123	73	31809	6.17	ug/l	Qvalue 100

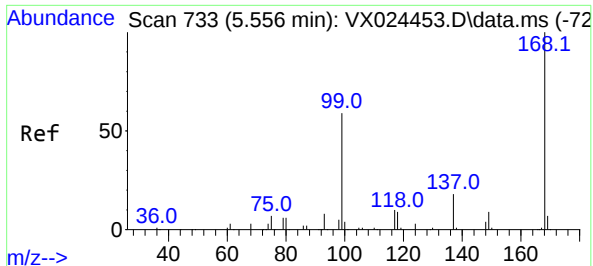
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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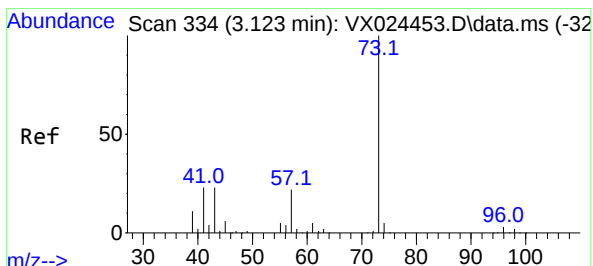
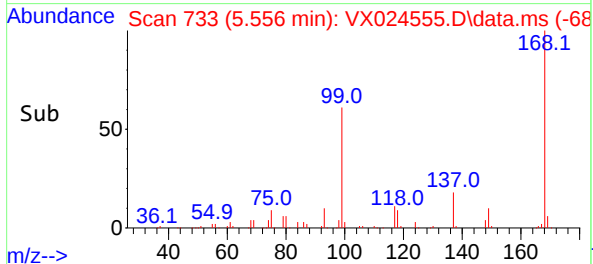
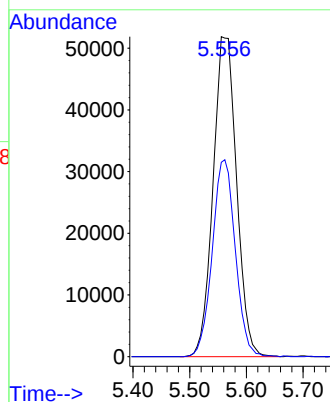
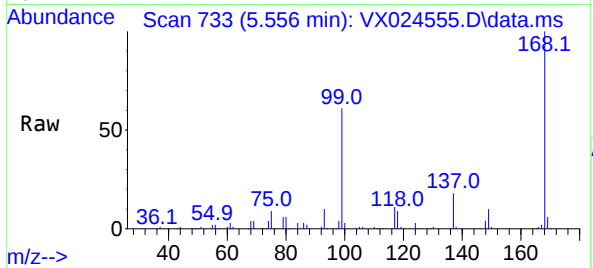




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX024555.D
Acq: 05 Oct 2021 06:02

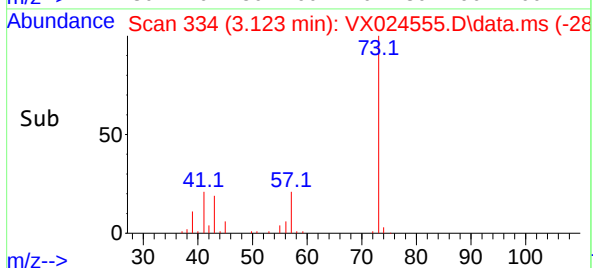
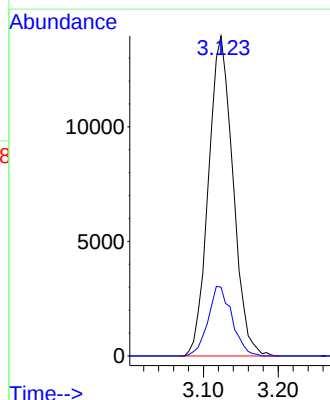
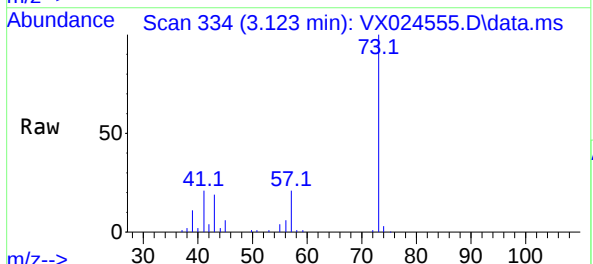
Instrument :
MSVOA_X
ClientSampleId :
MW-1R

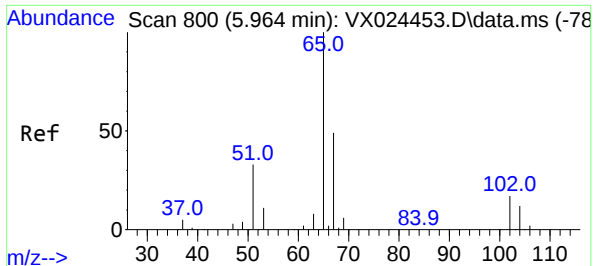
Tgt Ion:168 Resp: 149279
Ion Ratio Lower Upper
168 100
99 60.7 45.8 68.6



#19
Methyl tert-butyl Ether
Concen: 6.17 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.000 min
Lab File: VX024555.D
Acq: 05 Oct 2021 06:02

Tgt Ion: 73 Resp: 31809
Ion Ratio Lower Upper
73 100
57 21.5 17.1 25.7

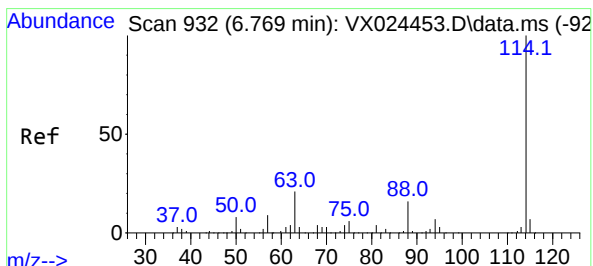
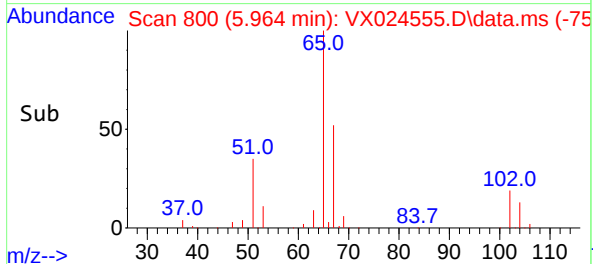
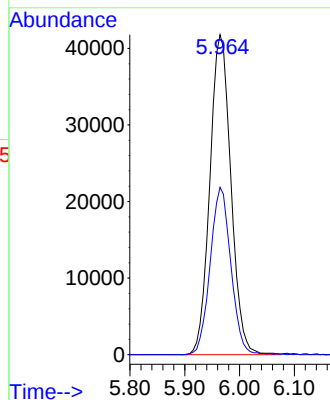
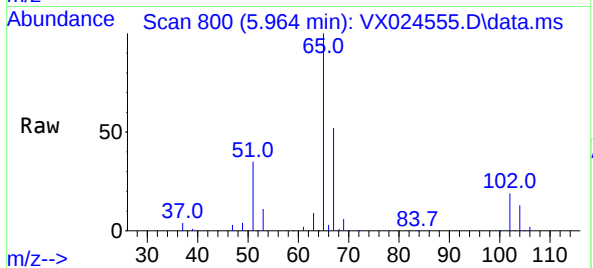




#33
1,2-Dichloroethane-d4
Concen: 52.96 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024555.D
Acq: 05 Oct 2021 06:02

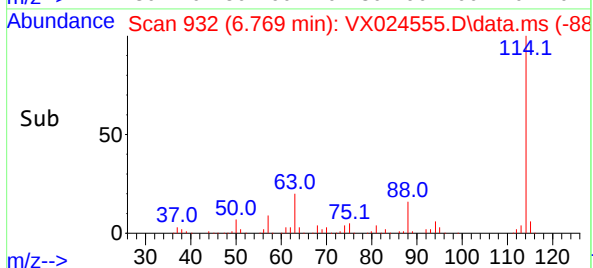
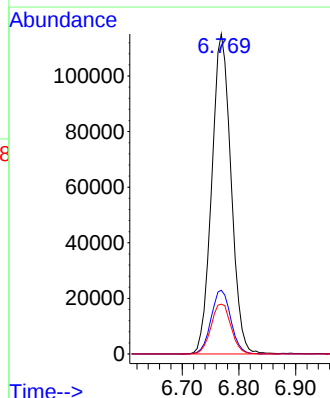
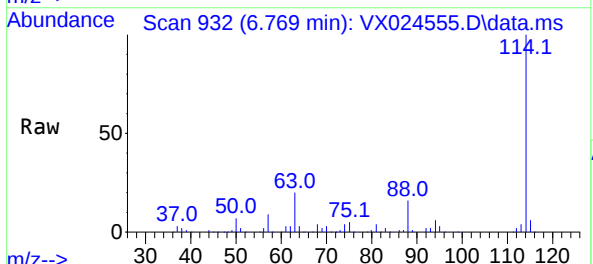
Instrument :
MSVOA_X
ClientSampleId :
MW-1R

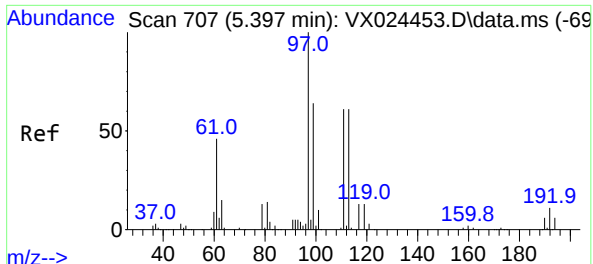
Tgt Ion: 65 Resp: 111419
Ion Ratio Lower Upper
65 100
67 51.4 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024555.D
Acq: 05 Oct 2021 06:02

Tgt Ion: 114 Resp: 271299
Ion Ratio Lower Upper
114 100
63 19.9 0.0 40.8
88 15.5 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.20 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX024555.D

Acq: 05 Oct 2021 06:02

Instrument :

MSVOA_X

ClientSampleId :

MW-1R

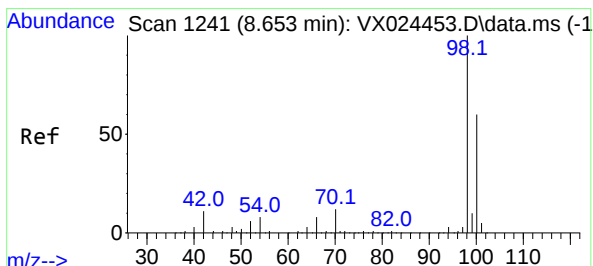
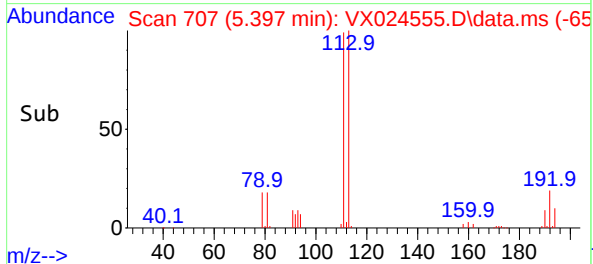
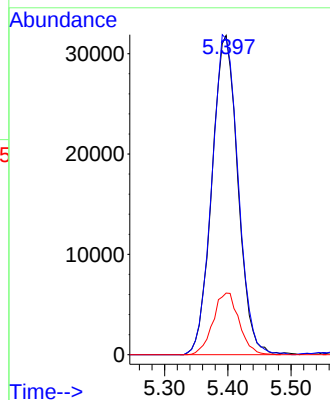
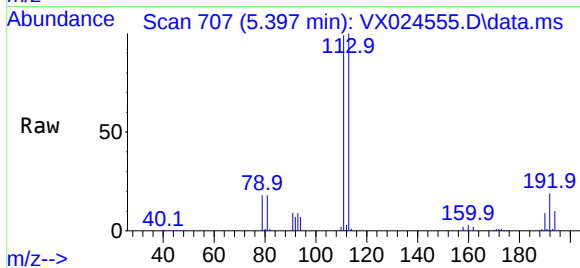
Tgt Ion:113 Resp: 90476

Ion Ratio Lower Upper

113 100

111 101.6 81.9 122.9

192 19.4 16.7 25.1



#50

Toluene-d8

Concen: 46.43 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX024555.D

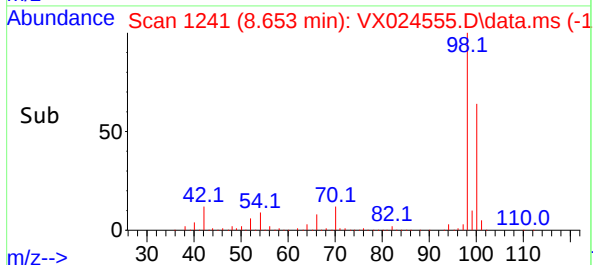
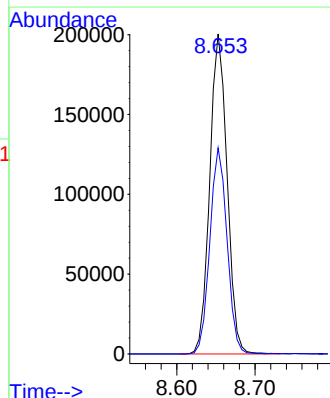
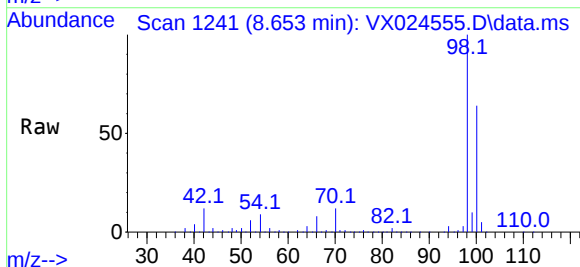
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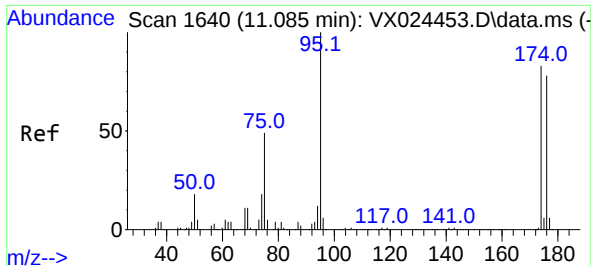
Tgt Ion: 98 Resp: 307989

Ion Ratio Lower Upper

98 100

100 63.7 51.9 77.9

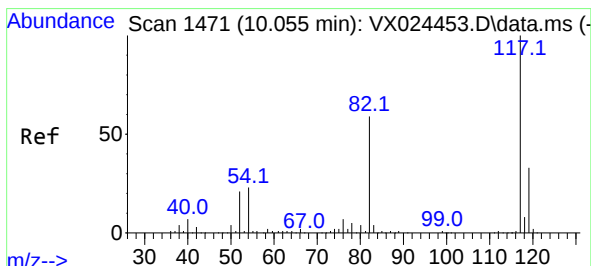
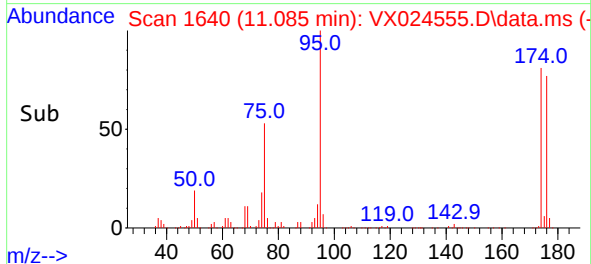
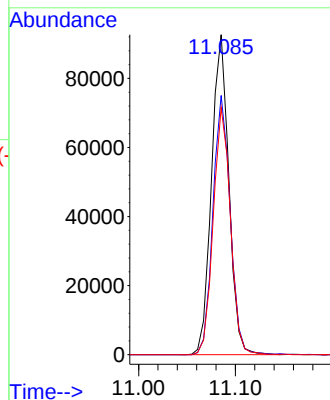
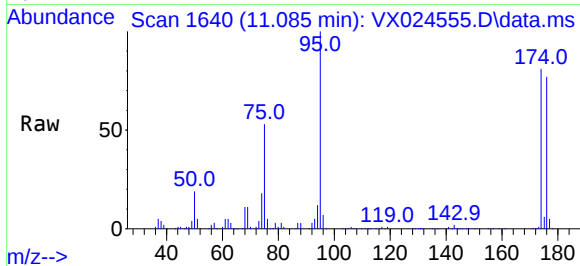




#62
4-Bromofluorobenzene
Concen: 44.22 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024555.D
Acq: 05 Oct 2021 06:02

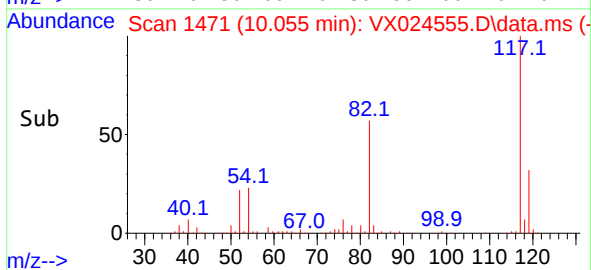
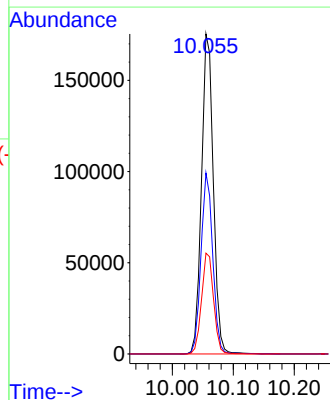
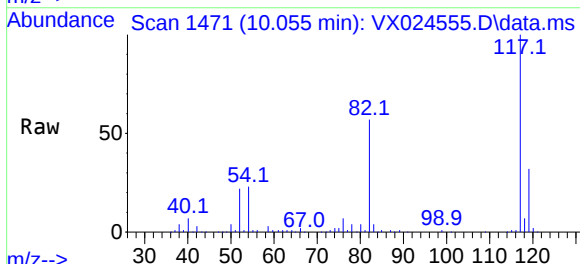
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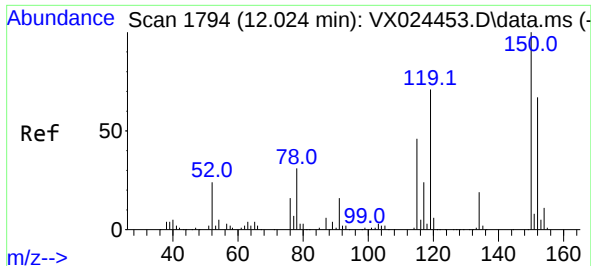
Tgt Ion: 95 Resp: 115345
Ion Ratio Lower Upper
95 100
174 80.7 0.0 154.6
176 76.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX024555.D
Acq: 05 Oct 2021 06:02

Tgt Ion: 117 Resp: 237451
Ion Ratio Lower Upper
117 100
82 56.5 47.4 71.2
119 31.5 26.6 39.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX024555.D
 Acq: 05 Oct 2021 06:02

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1R

Tgt Ion:152 Resp: 112034
 Ion Ratio Lower Upper
 152 100
 115 59.7 41.1 123.3
 150 156.7 0.0 349.0

