

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121621\
 Data File : VX025836.D
 Acq On : 16 Dec 2021 00:52
 Operator : JC/MD
 Sample : VX1216WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1216WBL02

Quant Time: Dec 16 07:33:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121321W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 14 07:02:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	143666	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	242415	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	219988	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	91242	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	96102	46.491	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.980%
35) Dibromofluoromethane	5.391	113	80473	47.599	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.200%
50) Toluene-d8	8.653	98	288872	46.896	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.800%
62) 4-Bromofluorobenzene	11.085	95	108170	46.229	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.460%

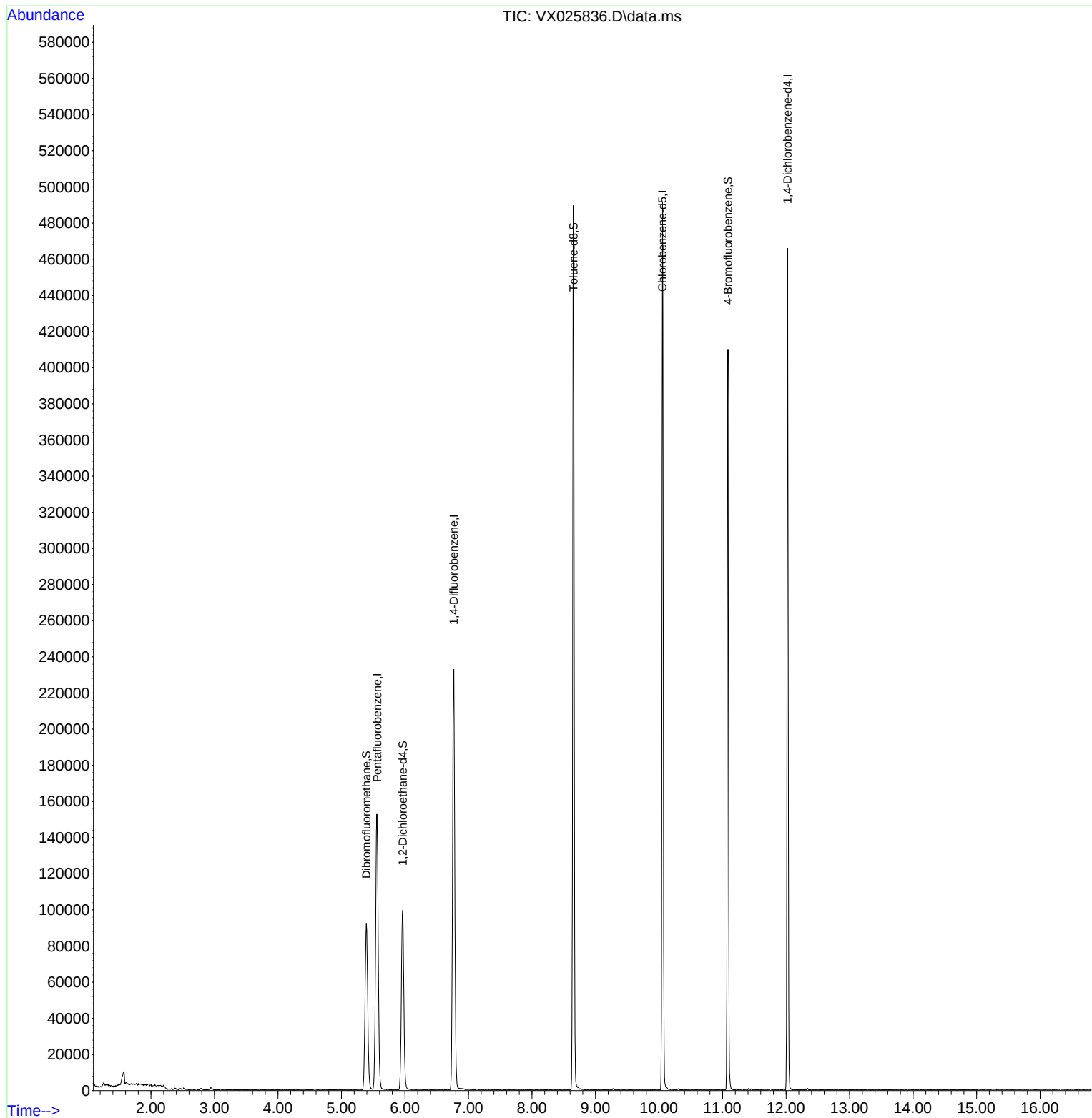
Target Compounds	Qvalue

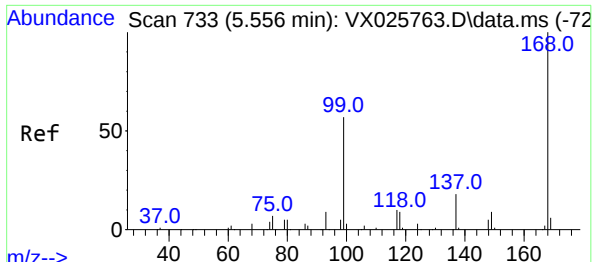
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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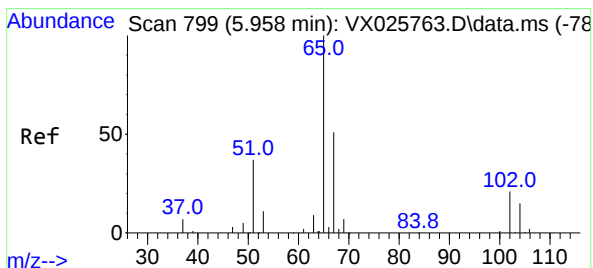
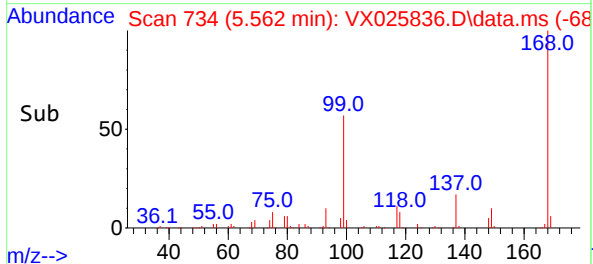
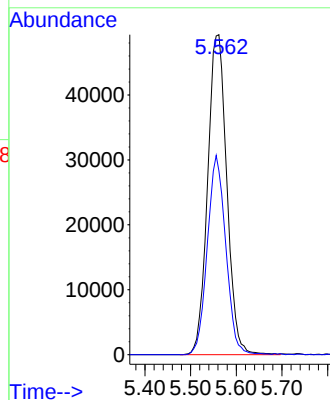
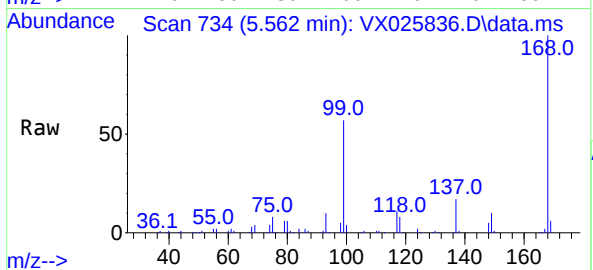




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX025836.D
Acq: 16 Dec 2021 00:52

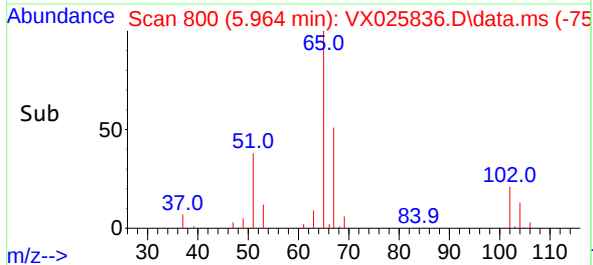
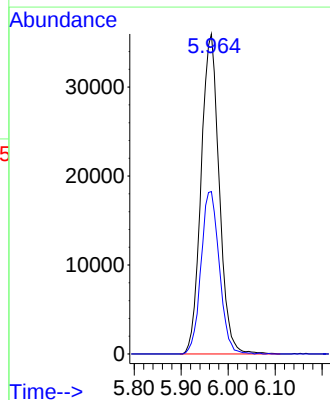
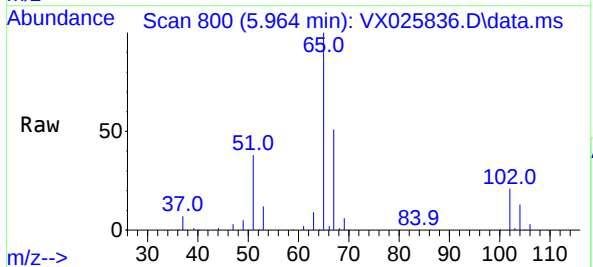
Instrument :
MSVOA_X
ClientSampleId :
VX1216WBL02

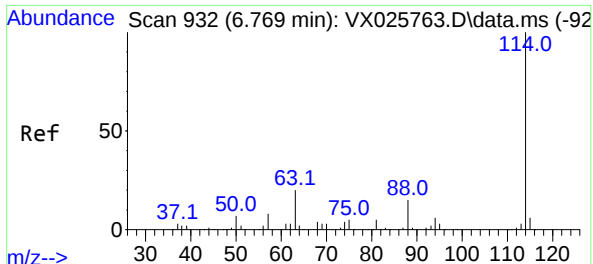
Tgt Ion:168 Resp: 143666
Ion Ratio Lower Upper
168 100
99 57.4 45.8 68.8



#33
1,2-Dichloroethane-d4
Concen: 46.491 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX025836.D
Acq: 16 Dec 2021 00:52

Tgt Ion: 65 Resp: 96102
Ion Ratio Lower Upper
65 100
67 51.3 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX025836.D

Acq: 16 Dec 2021 00:52

Instrument :

MSVOA_X

ClientSampleId :

VX1216WBL02

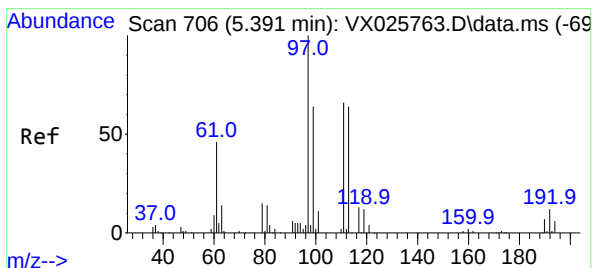
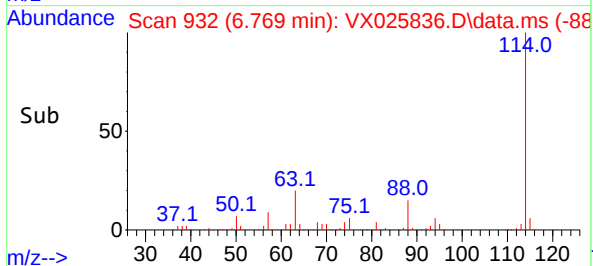
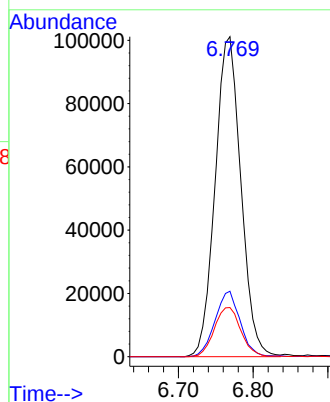
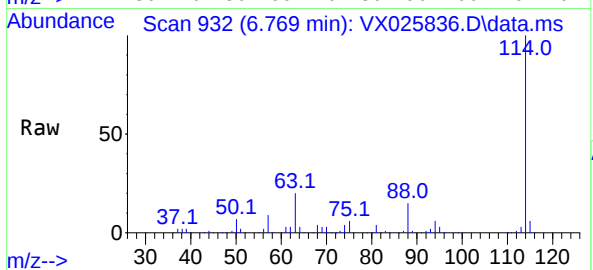
Tgt Ion:114 Resp: 242415

Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.0

88 15.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 47.599 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX025836.D

Acq: 16 Dec 2021 00:52

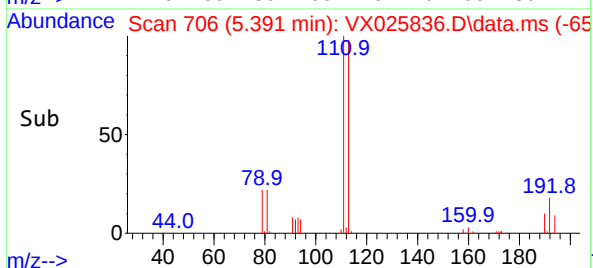
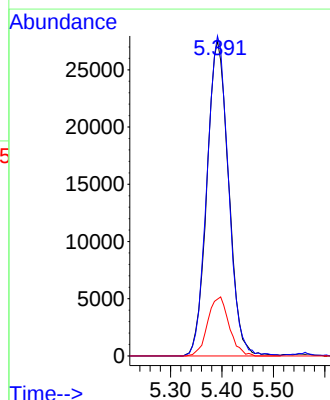
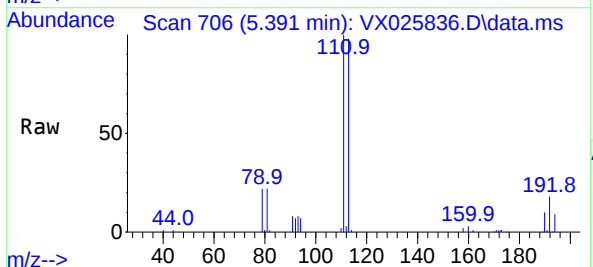
Tgt Ion:113 Resp: 80473

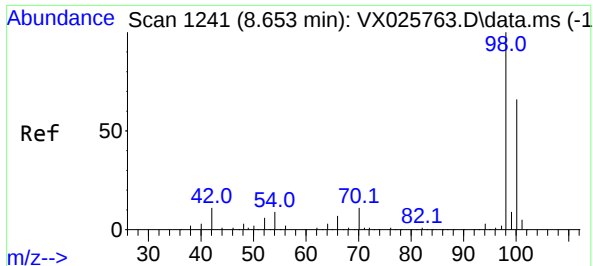
Ion Ratio Lower Upper

113 100

111 100.8 81.8 122.8

192 18.5 15.0 22.4

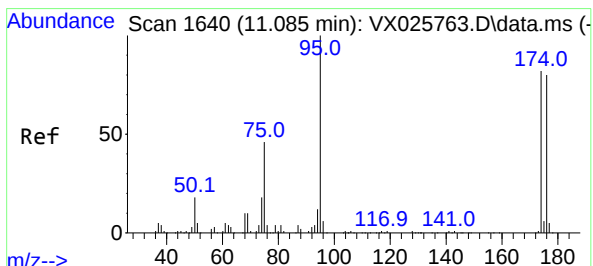
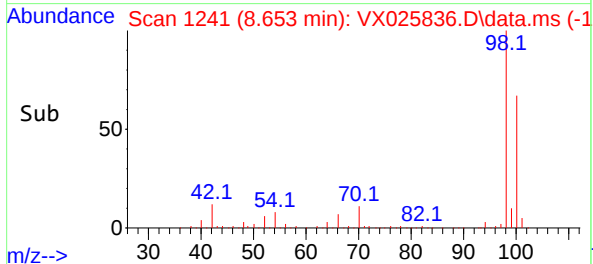
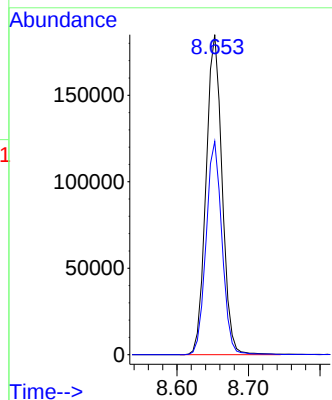
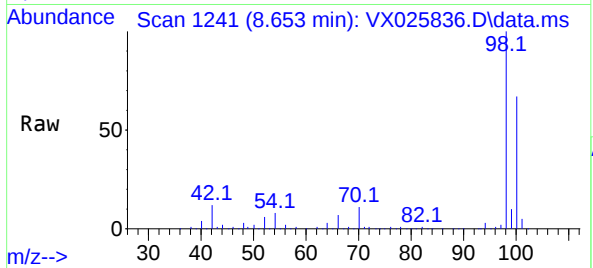




#50
Toluene-d8
Concen: 46.896 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025836.D
Acq: 16 Dec 2021 00:52

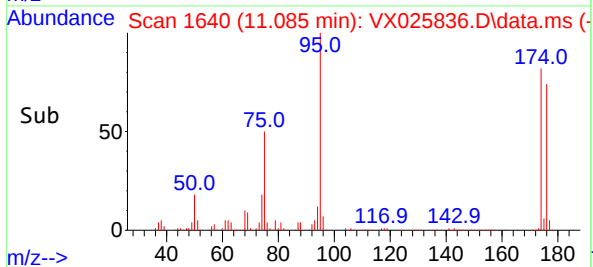
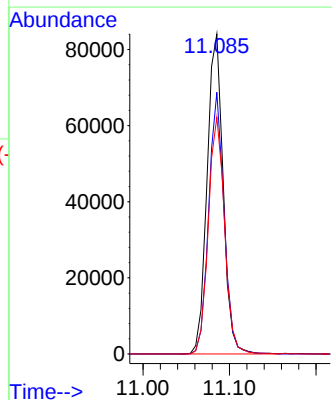
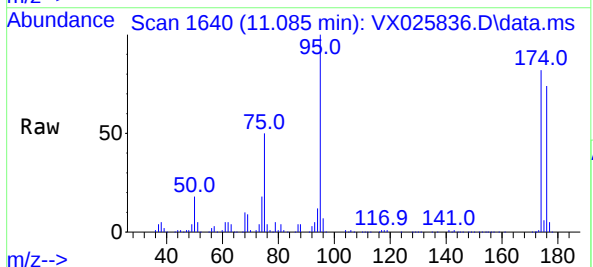
Instrument :
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VX1216WBL02

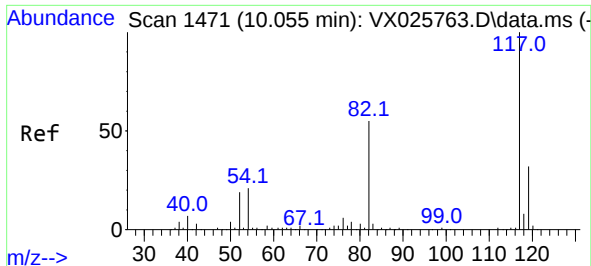
Tgt Ion: 98 Resp: 288872
Ion Ratio Lower Upper
98 100
100 65.9 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 46.229 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.000 min
Lab File: VX025836.D
Acq: 16 Dec 2021 00:52

Tgt Ion: 95 Resp: 108170
Ion Ratio Lower Upper
95 100
174 78.6 0.0 157.4
176 74.6 0.0 154.6

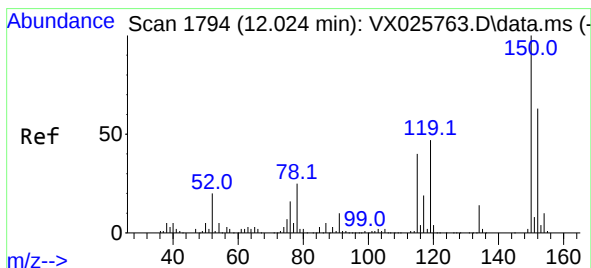
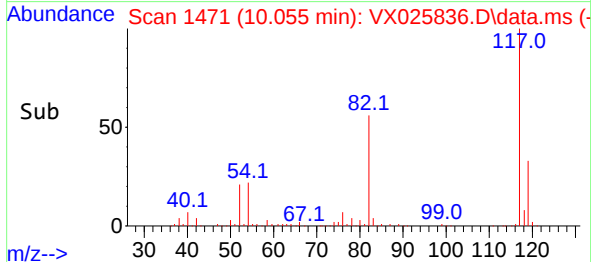
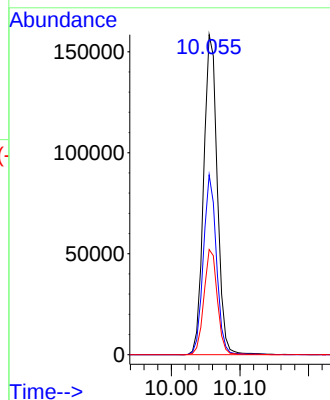
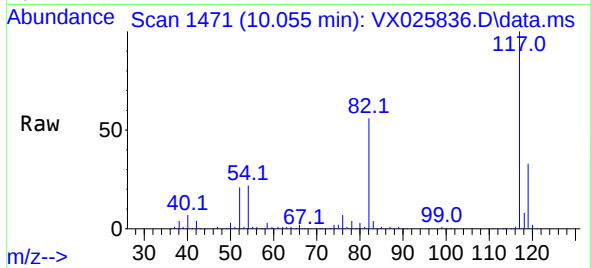




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX025836.D
Acq: 16 Dec 2021 00:52

Instrument :
MSVOA_X
ClientSampleId :
VX1216WBL02

Tgt Ion:117 Resp: 219988
Ion Ratio Lower Upper
117 100
82 56.2 43.8 65.6
119 32.9 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX025836.D
Acq: 16 Dec 2021 00:52

Tgt Ion:152 Resp: 91242
Ion Ratio Lower Upper
152 100
115 59.8 41.3 123.9
150 157.0 0.0 351.8

