

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120421\
 Data File : VX025514.D
 Acq On : 04 Dec 2021 12:04
 Operator : JC/MD
 Sample : VX1204WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1204WBL01

Quant Time: Dec 06 01:00:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	104332	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	175000	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	155259	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67484	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	61448	55.876	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 111.760%	
35) Dibromofluoromethane	5.391	113	54312	50.582	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.160%	
50) Toluene-d8	8.647	98	201077	49.807	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.620%	
62) 4-Bromofluorobenzene	11.079	95	68118	44.601	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 89.200%	

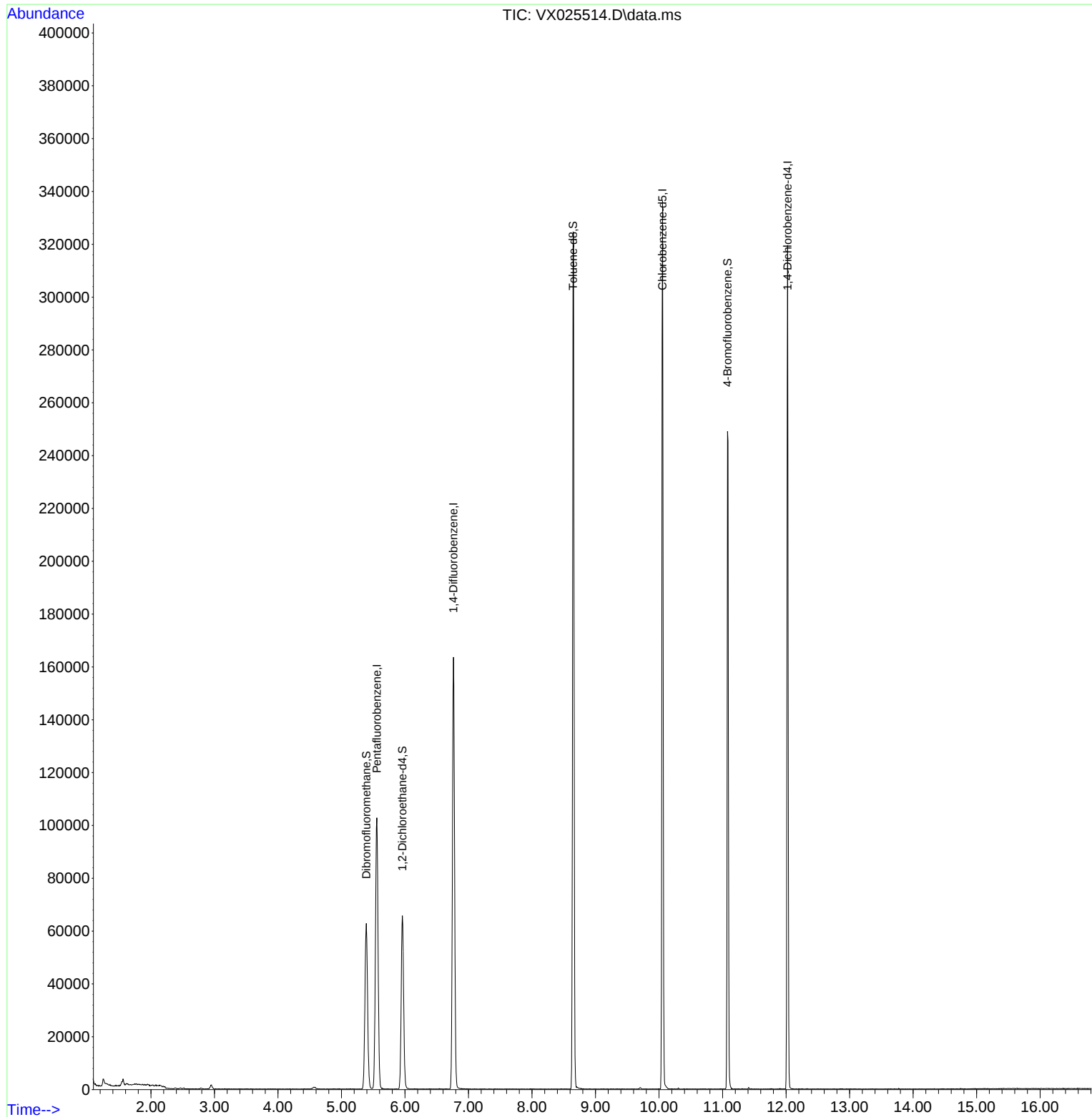
Target Compounds	Qvalue

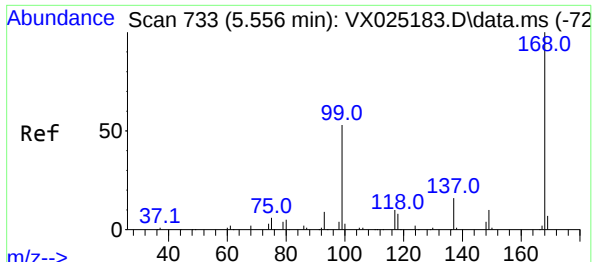
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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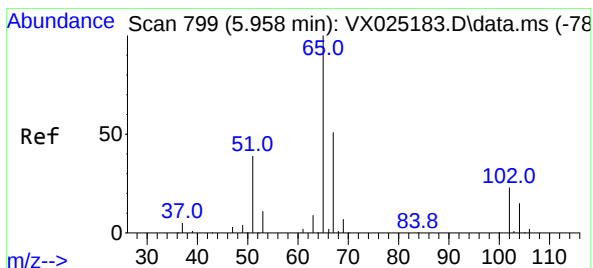
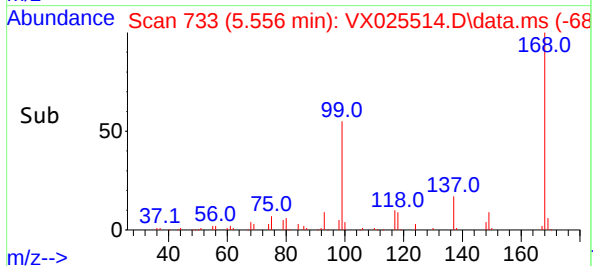
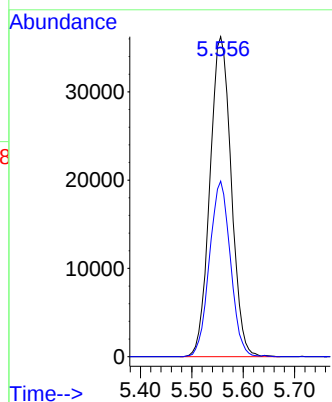
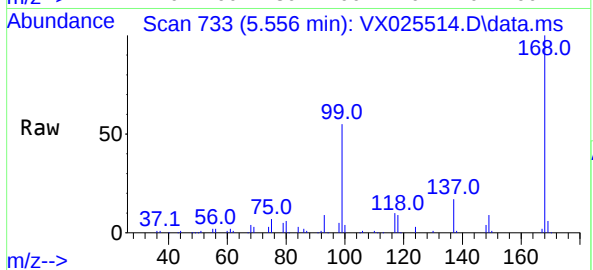




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.000 min
Lab File: VX025514.D
Acq: 04 Dec 2021 12:04

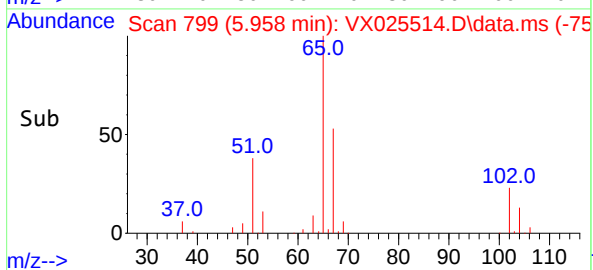
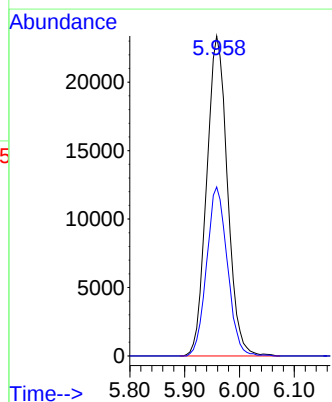
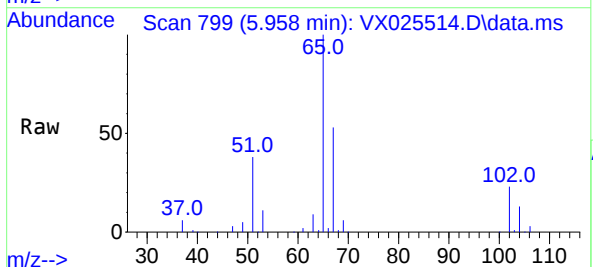
Instrument :
MSVOA_X
ClientSampleId :
VX1204WBL01

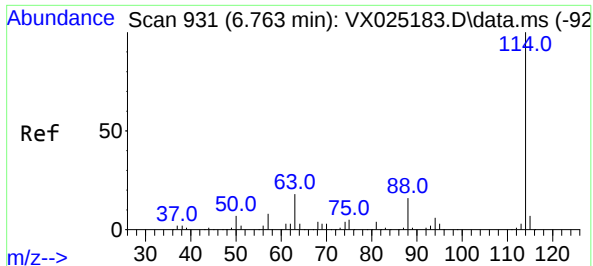
Tgt Ion:168 Resp: 104332
Ion Ratio Lower Upper
168 100
99 54.8 46.4 69.6



#33
1,2-Dichloroethane-d4
Concen: 55.876 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX025514.D
Acq: 04 Dec 2021 12:04

Tgt Ion: 65 Resp: 61448
Ion Ratio Lower Upper
65 100
67 52.7 0.0 101.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX025514.D

Acq: 04 Dec 2021 12:04

Instrument :

MSVOA_X

ClientSampleId :

VX1204WBL01

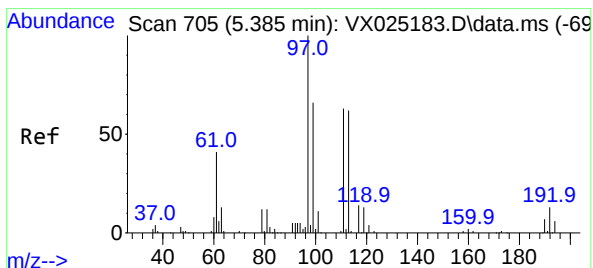
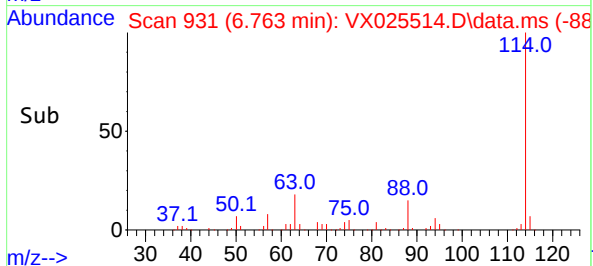
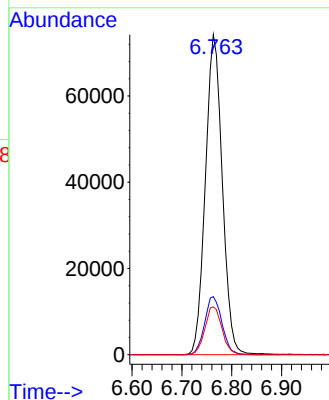
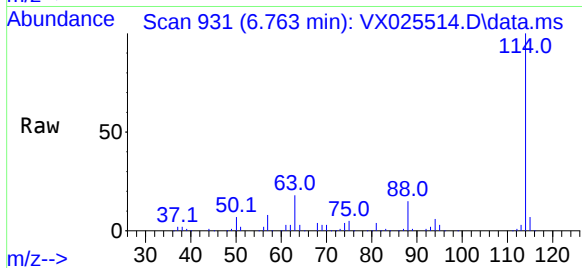
Tgt Ion:114 Resp: 175000

Ion Ratio Lower Upper

114 100

63 18.2 0.0 41.0

88 14.9 0.0 34.8



#35

Dibromofluoromethane

Concen: 50.582 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.006 min

Lab File: VX025514.D

Acq: 04 Dec 2021 12:04

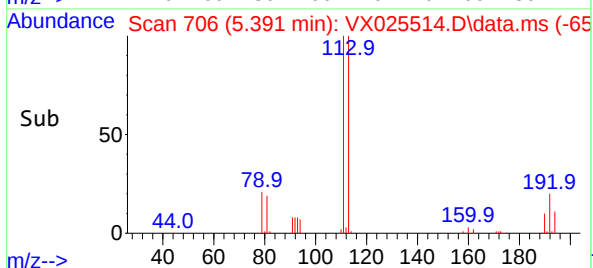
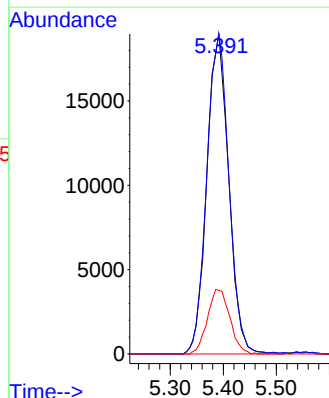
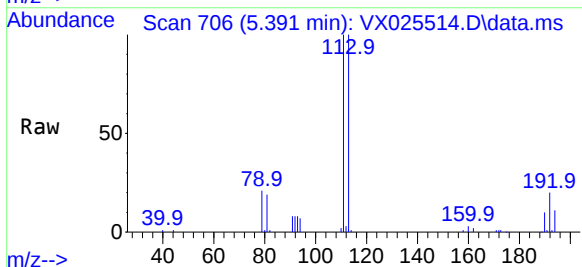
Tgt Ion:113 Resp: 54312

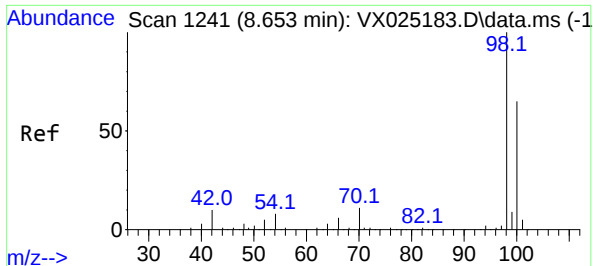
Ion Ratio Lower Upper

113 100

111 101.6 82.1 123.1

192 20.6 15.6 23.4

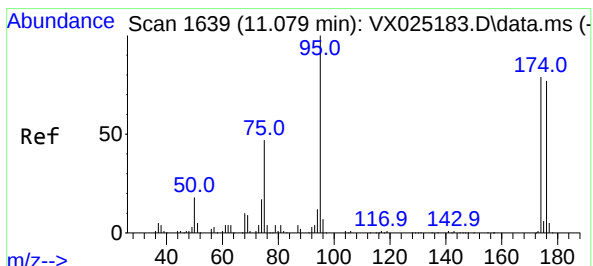
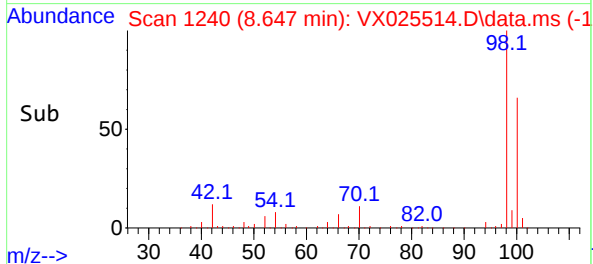
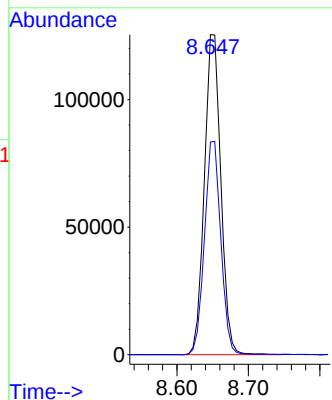
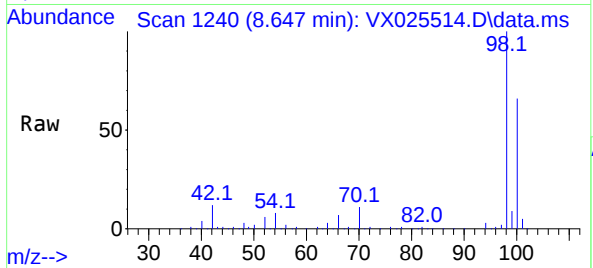




#50
Toluene-d8
Concen: 49.807 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX025514.D
Acq: 04 Dec 2021 12:04

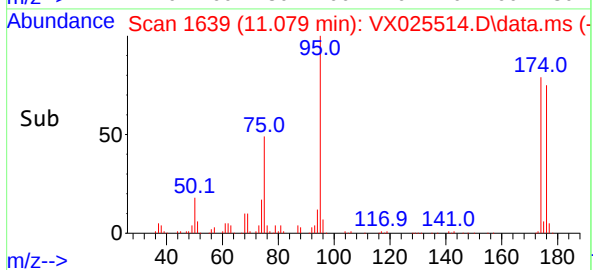
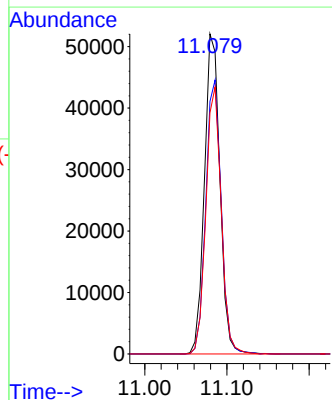
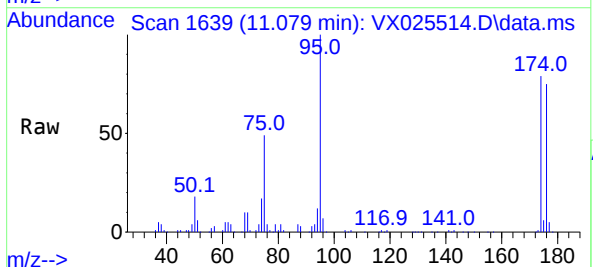
Instrument :
MSVOA_X
ClientSampleId :
VX1204WBL01

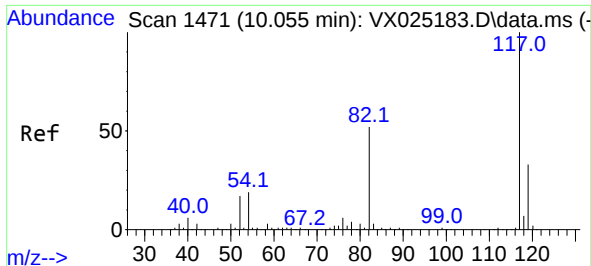
Tgt Ion: 98 Resp: 201077
Ion Ratio Lower Upper
98 100
100 66.3 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 44.601 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX025514.D
Acq: 04 Dec 2021 12:04

Tgt Ion: 95 Resp: 68118
Ion Ratio Lower Upper
95 100
174 85.3 0.0 158.0
176 82.6 0.0 153.6

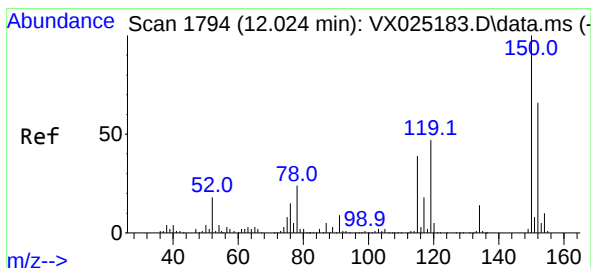
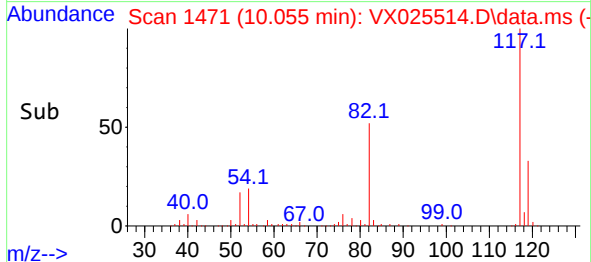
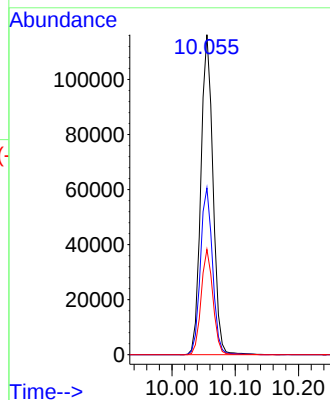
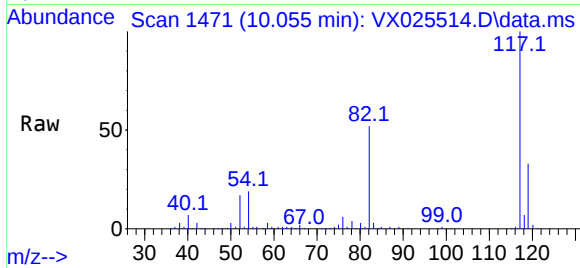




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX025514.D
Acq: 04 Dec 2021 12:04

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBL01

Tgt Ion:117 Resp: 155259
Ion Ratio Lower Upper
117 100
82 52.1 44.6 67.0
119 32.9 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX025514.D
Acq: 04 Dec 2021 12:04

Tgt Ion:152 Resp: 67484
Ion Ratio Lower Upper
152 100
115 57.0 43.3 129.8
150 158.6 0.0 351.2

