

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123121\
 Data File : VX026185.D
 Acq On : 30 Dec 2021 22:36
 Operator : JC/MD
 Sample : VX1231WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1231WBL02

Quant Time: Dec 31 07:12:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 30 08:02:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	137522	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	238803	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	211233	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	92949	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	105507	53.031	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	106.060%
35) Dibromofluoromethane	5.397	113	81211	52.309	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.620%
50) Toluene-d8	8.653	98	283260	49.051	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.100%
62) 4-Bromofluorobenzene	11.085	95	97736	47.542	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.080%

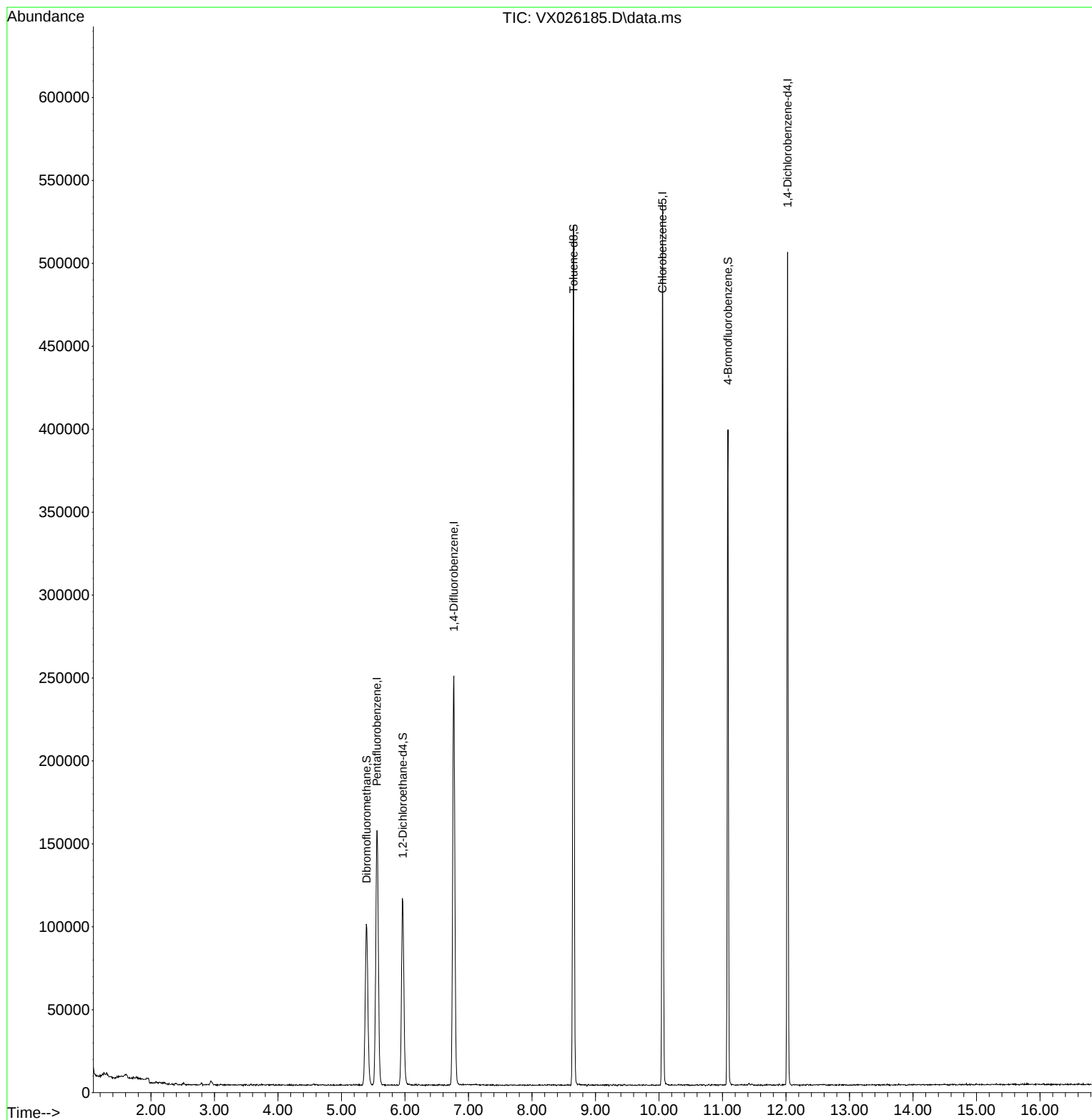
Target Compounds	Qvalue

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

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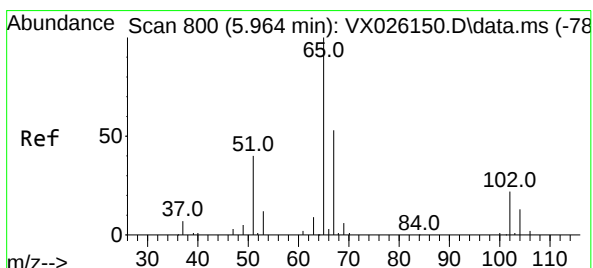
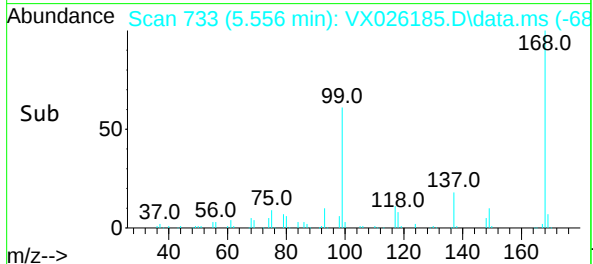
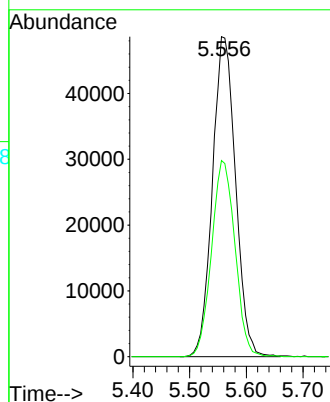
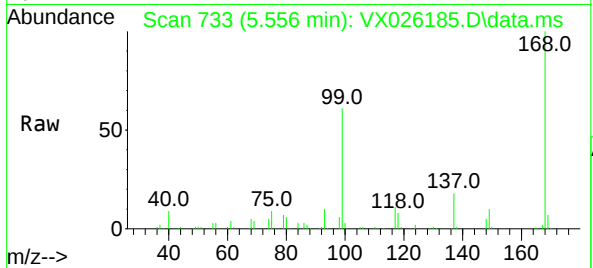




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026185.D
Acq: 30 Dec 2021 22:36

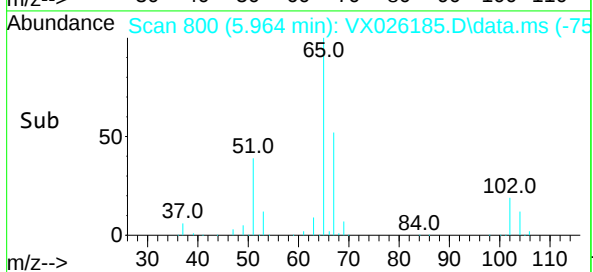
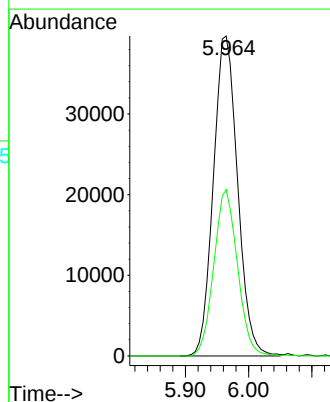
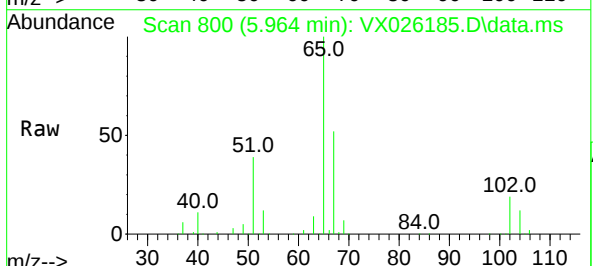
Instrument :
MSVOA_X
ClientSampleId :
VX1231WBL02

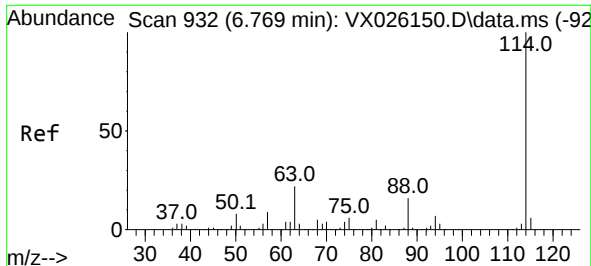
Tgt Ion:168 Resp: 137522
Ion Ratio Lower Upper
168 100
99 61.3 45.8 68.8



#33
1,2-Dichloroethane-d4
Concen: 53.031 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX026185.D
Acq: 30 Dec 2021 22:36

Tgt Ion: 65 Resp: 105507
Ion Ratio Lower Upper
65 100
67 50.7 0.0 103.4

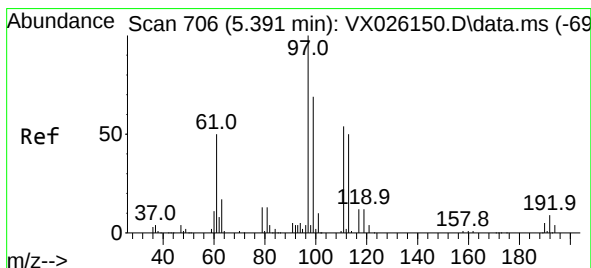
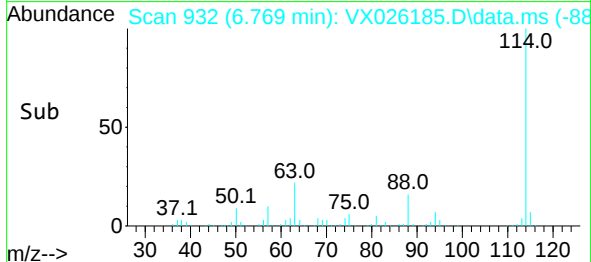
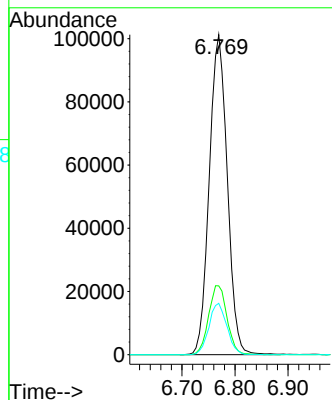
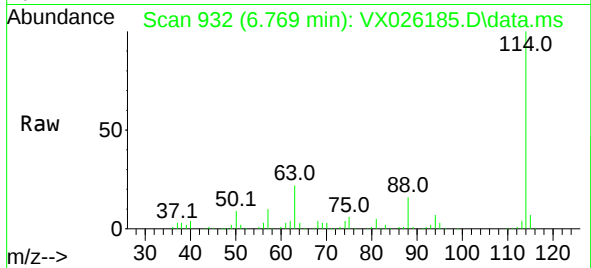




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX026185.D
Acq: 30 Dec 2021 22:36

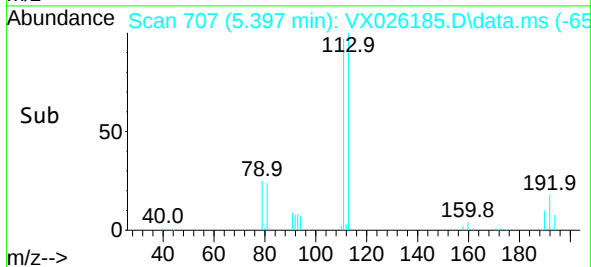
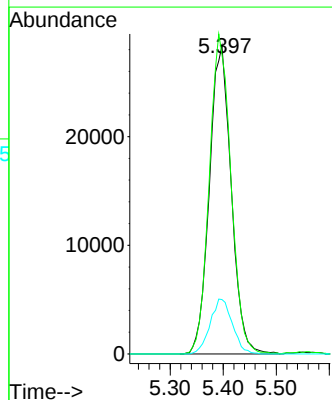
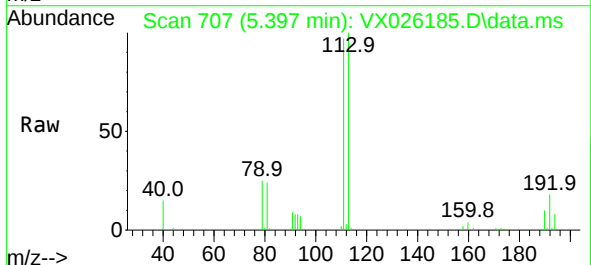
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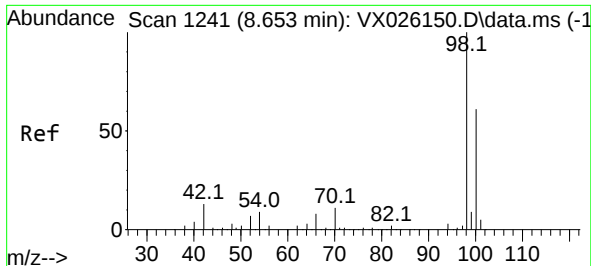
Tgt Ion:114 Resp: 238803
Ion Ratio Lower Upper
114 100
63 21.5 0.0 40.0
88 16.1 0.0 30.6



#35
Dibromofluoromethane
Concen: 52.309 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX026185.D
Acq: 30 Dec 2021 22:36

Tgt Ion:113 Resp: 81211
Ion Ratio Lower Upper
113 100
111 102.9 81.8 122.8
192 18.1 15.0 22.4

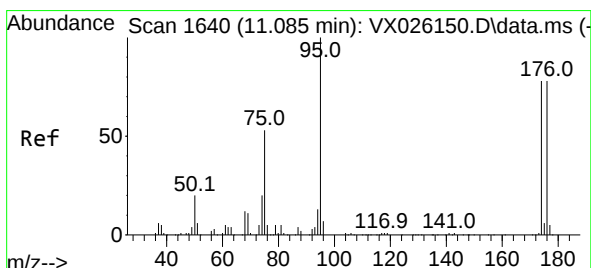
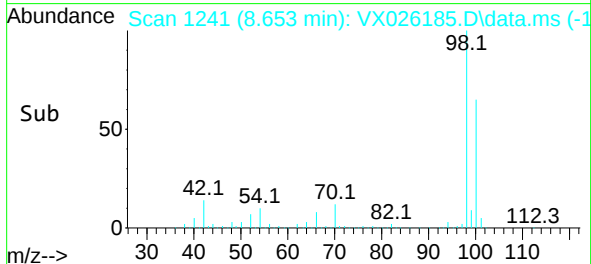
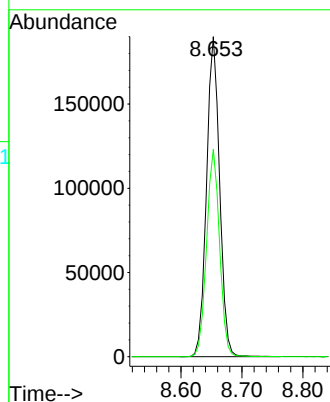
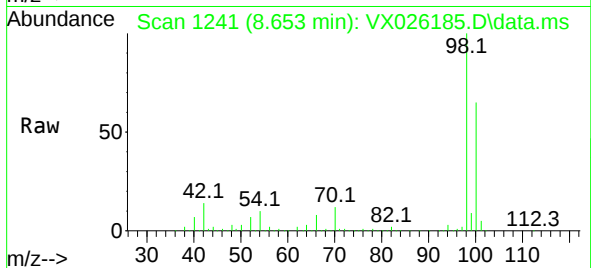




#50
Toluene-d8
Concen: 49.051 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX026185.D
Acq: 30 Dec 2021 22:36

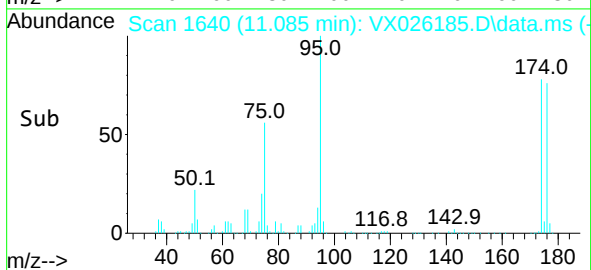
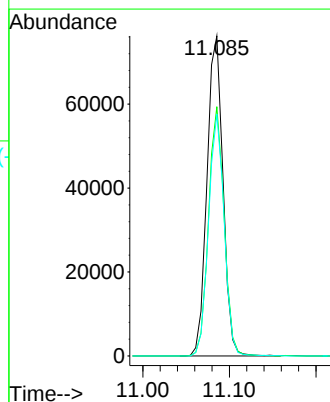
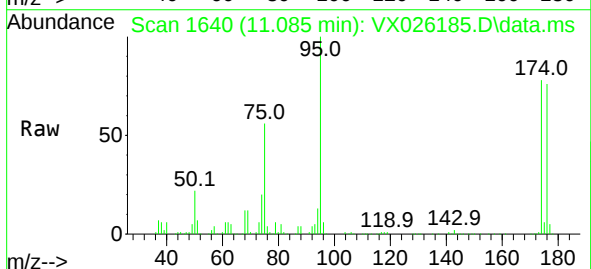
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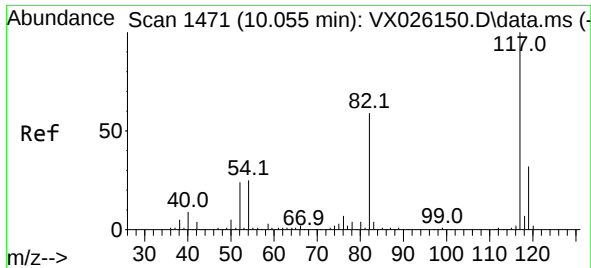
Tgt Ion: 98 Resp: 283260
Ion Ratio Lower Upper
98 100
100 64.4 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 47.542 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX026185.D
Acq: 30 Dec 2021 22:36

Tgt Ion: 95 Resp: 97736
Ion Ratio Lower Upper
95 100
174 75.9 0.0 157.4
176 73.5 0.0 154.6

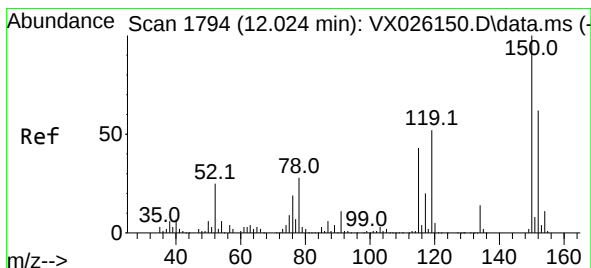
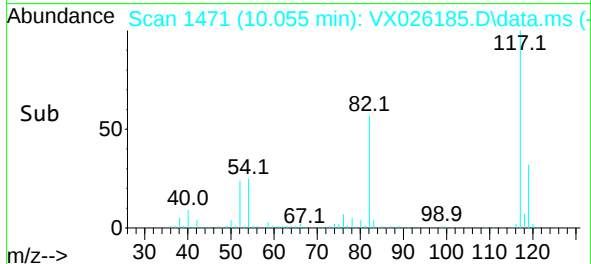
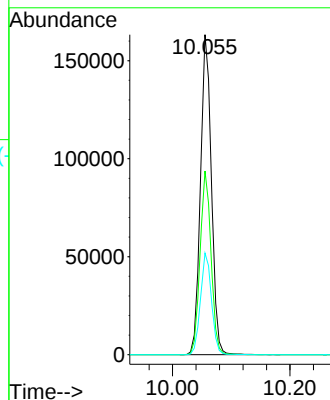
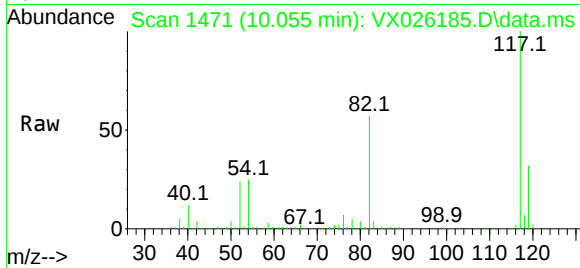




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026185.D
Acq: 30 Dec 2021 22:36

Instrument :
MSVOA_X
ClientSampleId :
VX1231WBL02

Tgt Ion:117 Resp: 211233
Ion Ratio Lower Upper
117 100
82 57.4 43.8 65.6
119 31.7 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: VX026185.D
Acq: 30 Dec 2021 22:36

Tgt Ion:152 Resp: 92949
Ion Ratio Lower Upper
152 100
115 60.0 41.3 123.9
150 157.4 0.0 351.8

