

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121522\
 Data File : VX033431.D
 Acq On : 15 Dec 2022 10:39
 Operator : JC/MD
 Sample : VX1215WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1215WBL01

Quant Time: Dec 16 00:59:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	143365	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	223781	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	198464	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	92099	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	39540	42.991	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	85.980%
35) Dibromofluoromethane	5.385	113	44225	43.938	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.880%
50) Toluene-d8	8.647	98	90233	42.854	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	85.700%#
62) 4-Bromofluorobenzene	11.079	95	70078	43.528	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.060%

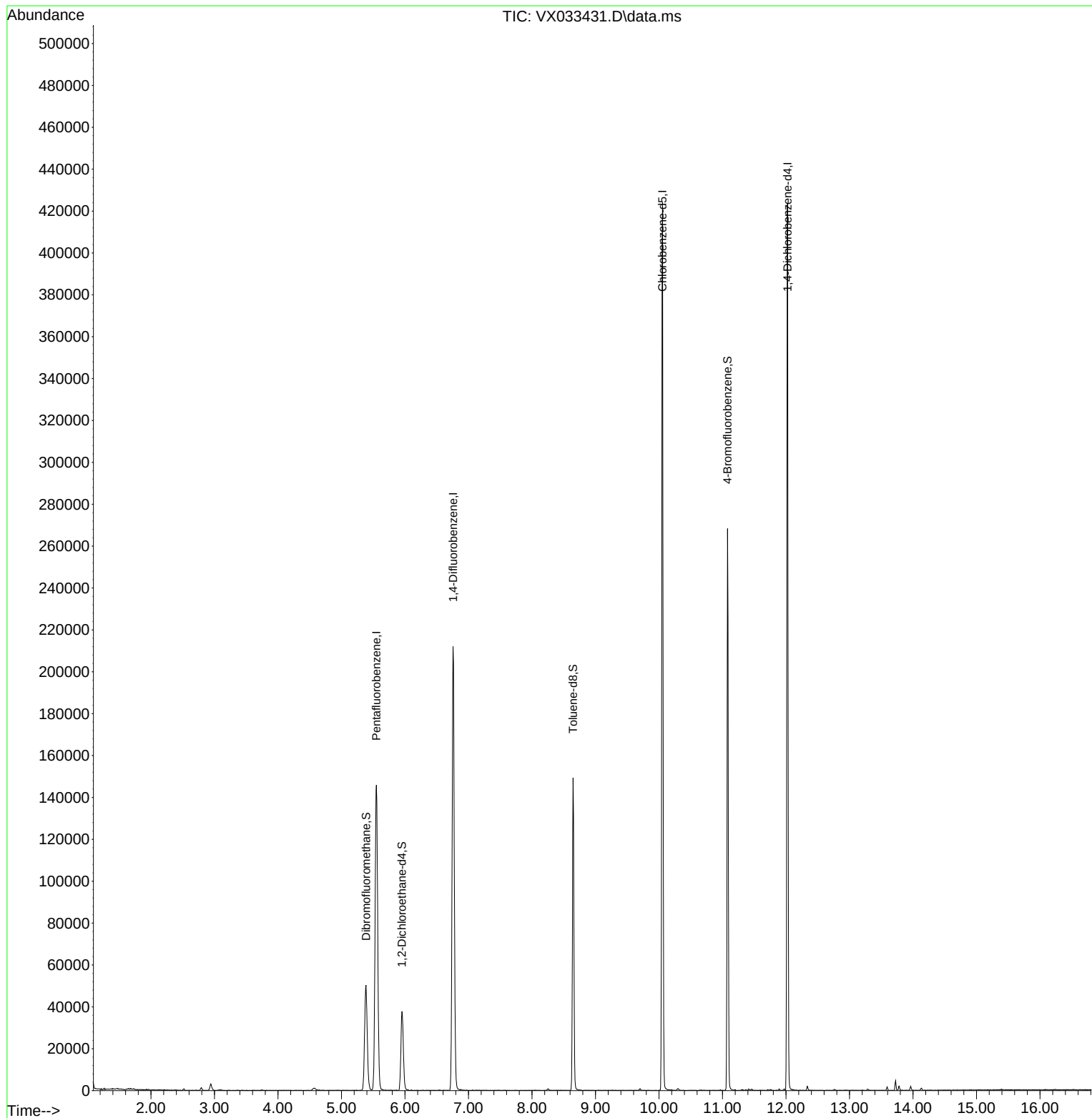
Target Compounds Qvalue

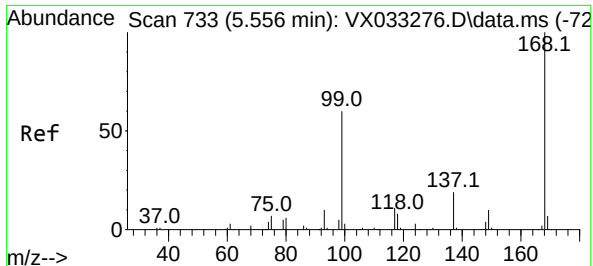
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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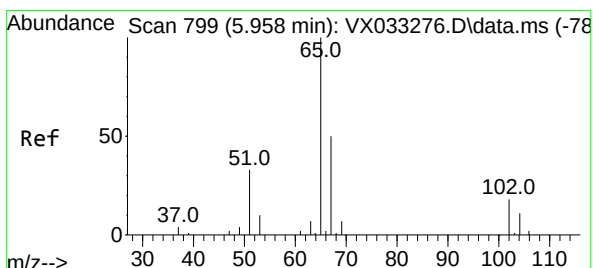
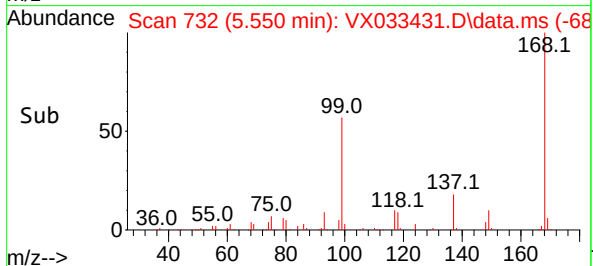
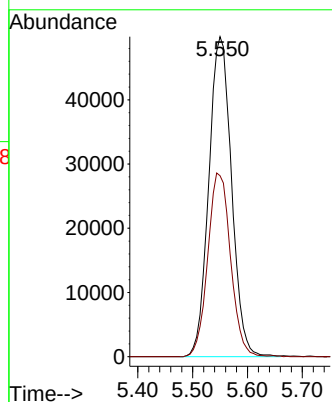
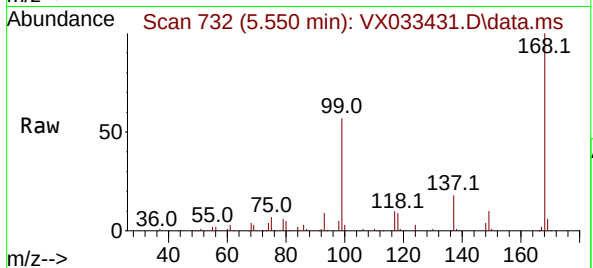




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.006 min
Lab File: VX033431.D
Acq: 15 Dec 2022 10:39

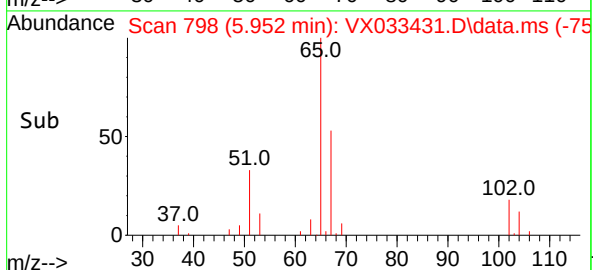
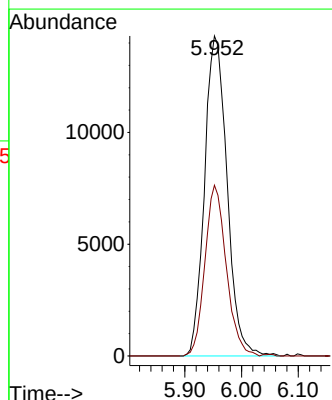
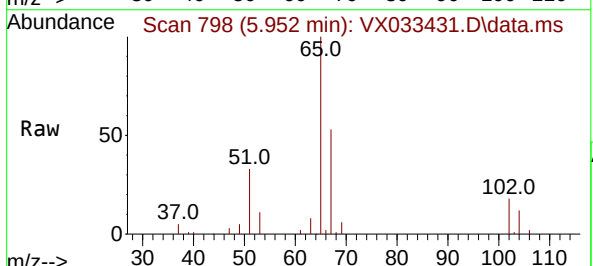
Instrument :
MSVOA_X
ClientSampleId :
VX1215WBL01

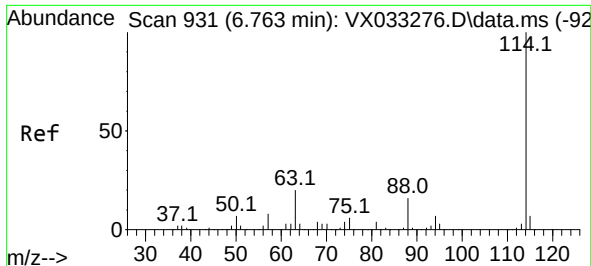
Tgt Ion:168 Resp: 143365
Ion Ratio Lower Upper
168 100
99 56.5 46.1 69.1



#33
1,2-Dichloroethane-d4
Concen: 42.991 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX033431.D
Acq: 15 Dec 2022 10:39

Tgt Ion: 65 Resp: 39540
Ion Ratio Lower Upper
65 100
67 50.6 0.0 101.8

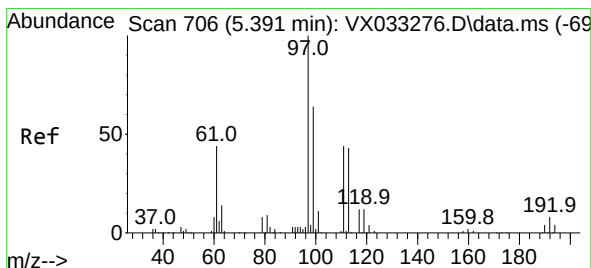
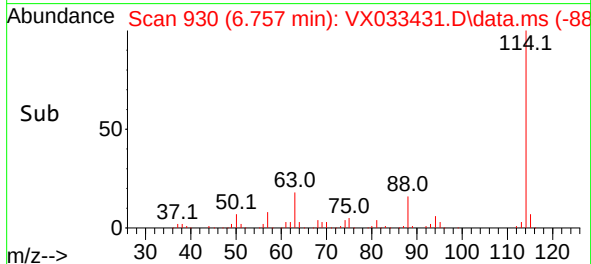
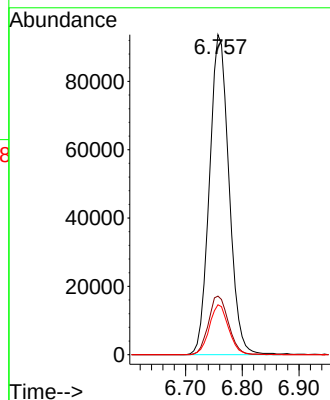
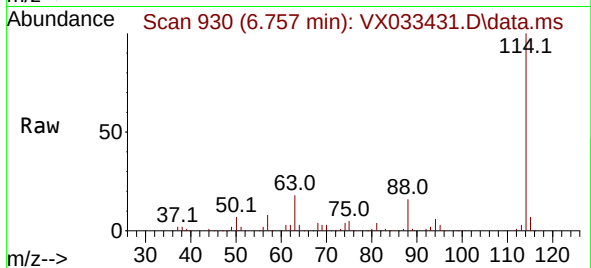




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX033431.D
Acq: 15 Dec 2022 10:39

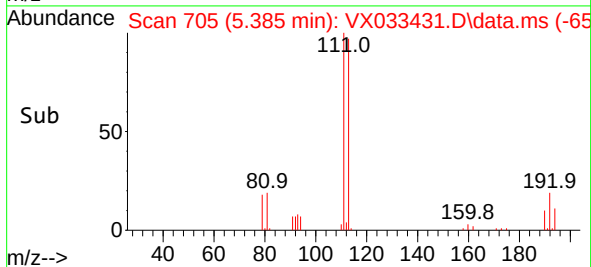
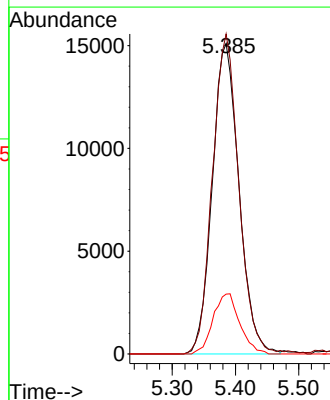
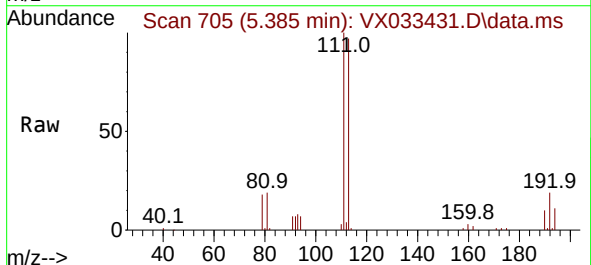
Instrument :
MSVOA_X
ClientSampleId :
VX1215WBL01

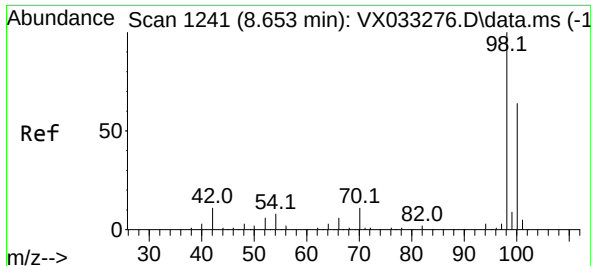
Tgt Ion:114 Resp: 223781
Ion Ratio Lower Upper
114 100
63 18.3 0.0 41.6
88 15.6 0.0 33.4



#35
Dibromofluoromethane
Concen: 43.938 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX033431.D
Acq: 15 Dec 2022 10:39

Tgt Ion:113 Resp: 44225
Ion Ratio Lower Upper
113 100
111 101.9 82.4 123.6
192 19.3 15.4 23.2

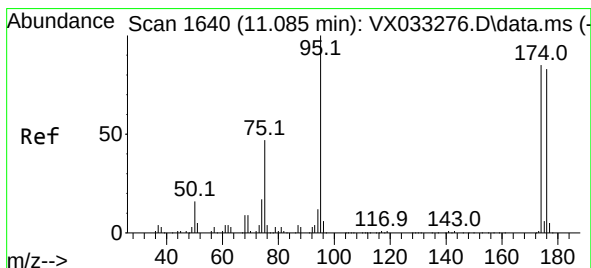
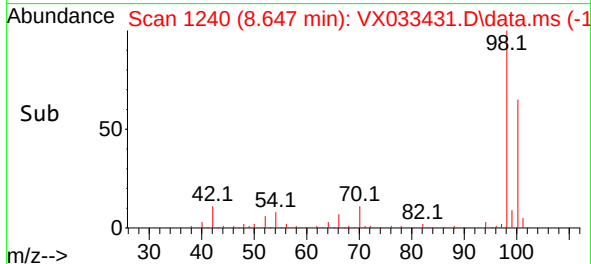
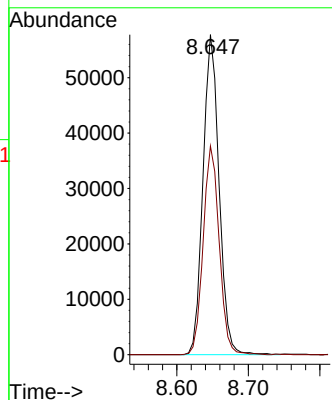
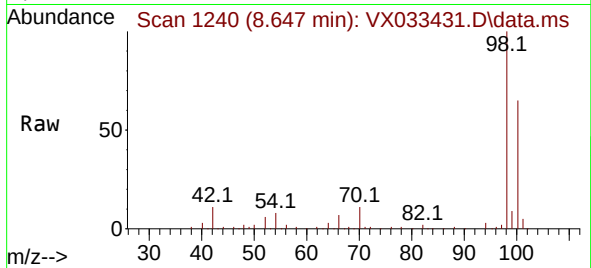




#50
Toluene-d8
Concen: 42.854 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033431.D
Acq: 15 Dec 2022 10:39

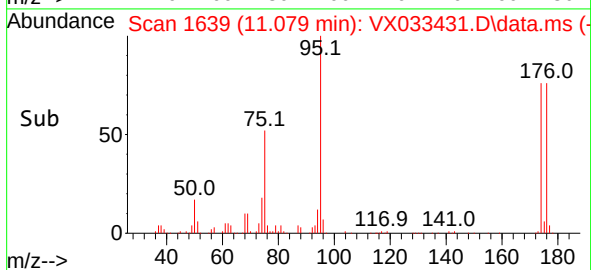
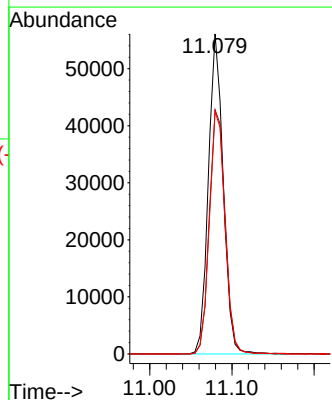
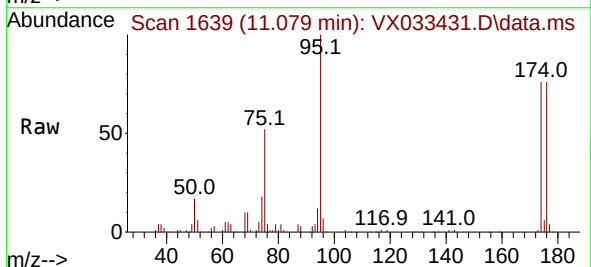
Instrument :
MSVOA_X
ClientSampleId :
VX1215WBL01

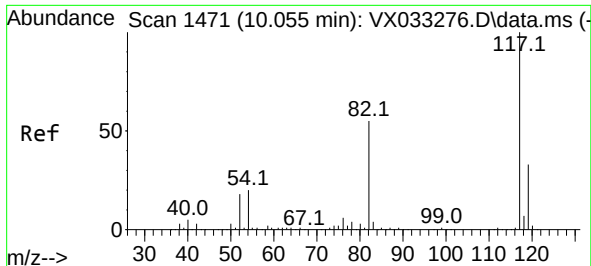
Tgt Ion: 98 Resp: 90233
Ion Ratio Lower Upper
98 100
100 64.9 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 43.528 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033431.D
Acq: 15 Dec 2022 10:39

Tgt Ion: 95 Resp: 70078
Ion Ratio Lower Upper
95 100
174 81.8 0.0 164.0
176 80.1 0.0 154.4

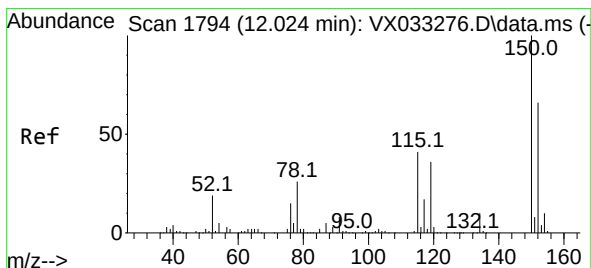
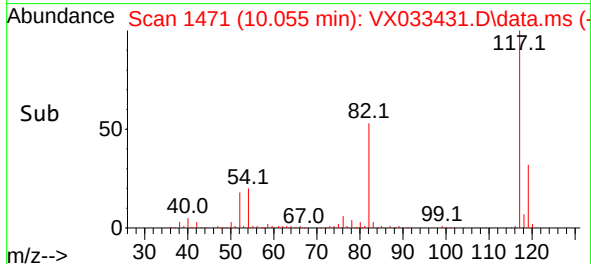
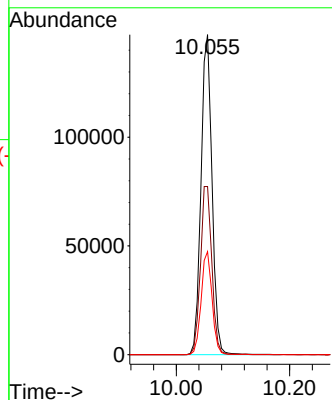
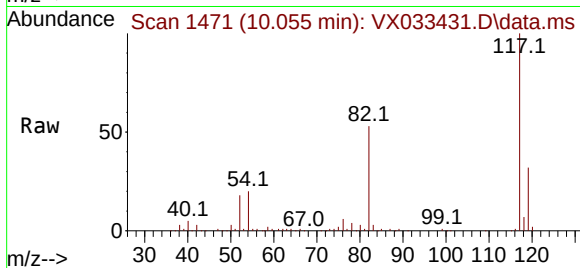




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033431.D
Acq: 15 Dec 2022 10:39

Instrument :
MSVOA_X
ClientSampleId :
VX1215WBL01

Tgt Ion:117 Resp: 198464
Ion Ratio Lower Upper
117 100
82 52.6 44.3 66.5
119 32.2 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033431.D
Acq: 15 Dec 2022 10:39

Tgt Ion:152 Resp: 92099
Ion Ratio Lower Upper
152 100
115 59.3 44.0 132.0
150 158.8 0.0 351.8

