

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111723\
 Data File : VX038895.D
 Acq On : 17 Nov 2023 23:39
 Operator : JC/MD
 Sample : VX1117WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1117WBL02

Quant Time: Nov 18 01:36:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	114657	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	227315	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	230078	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	109781	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	87898	47.576	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.160%
35) Dibromofluoromethane	5.385	113	72828	44.361	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.720%
50) Toluene-d8	8.647	98	287865	45.829	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.660%#
62) 4-Bromofluorobenzene	11.079	95	118897	47.285	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.580%

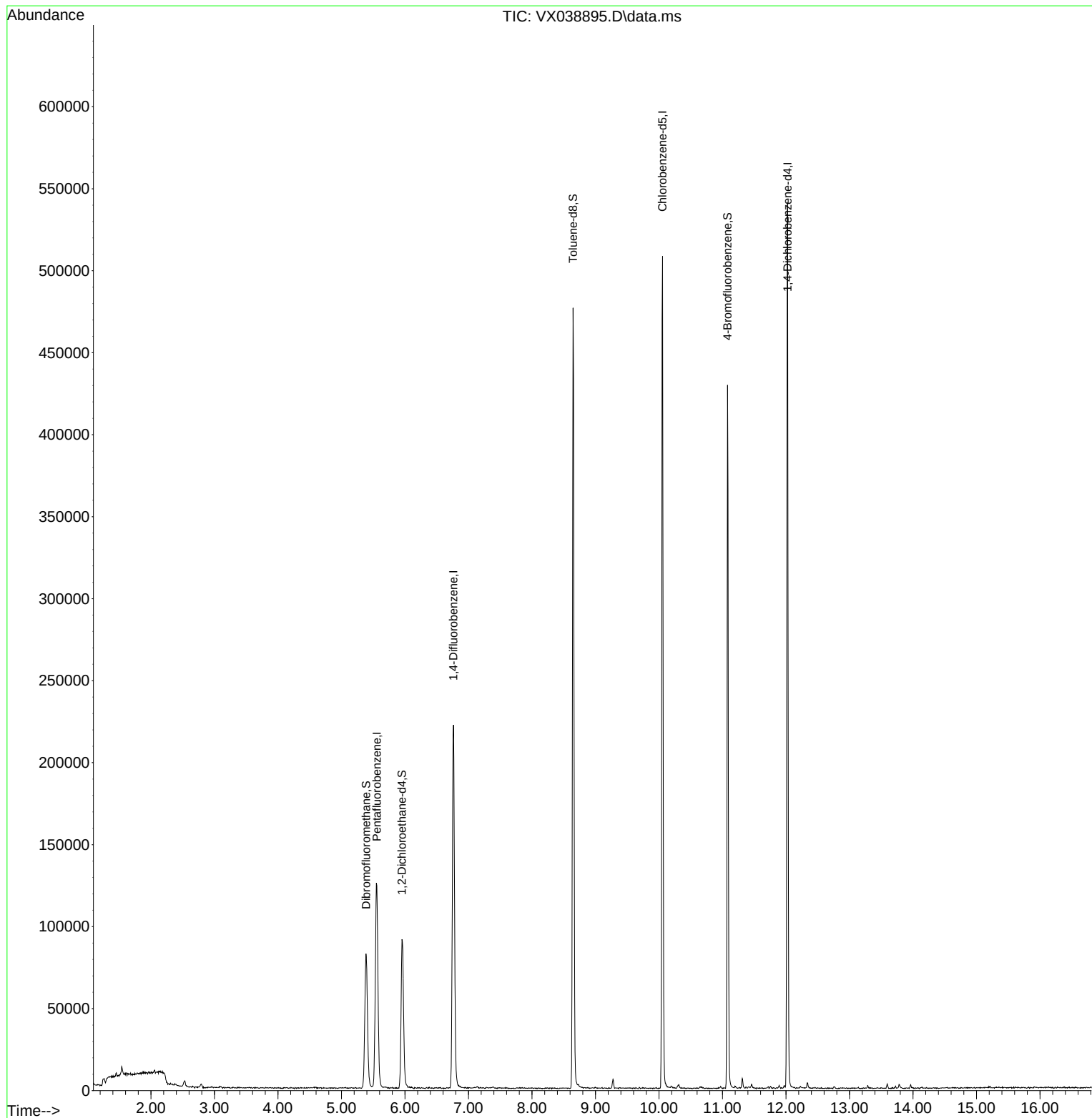
Target Compounds	Qvalue

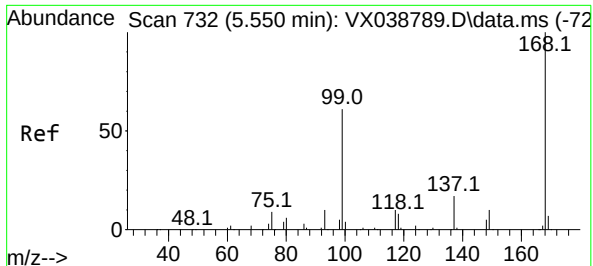
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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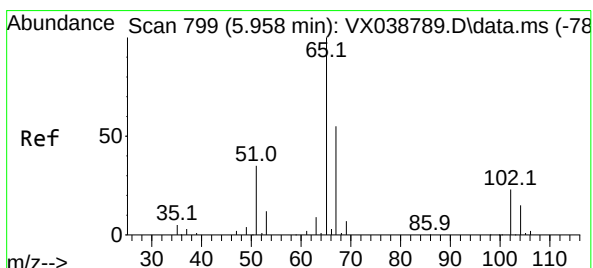
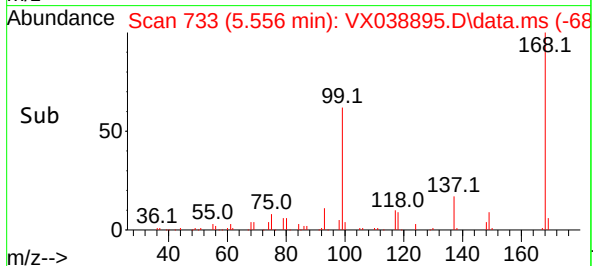
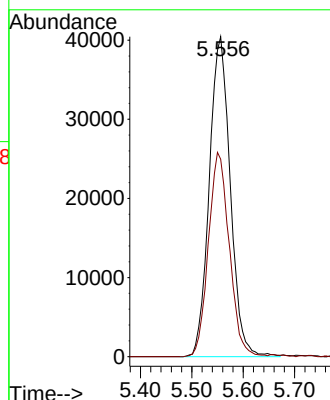
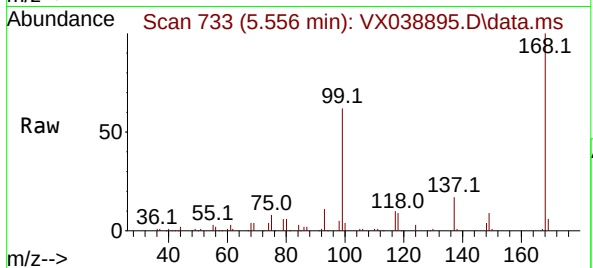




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 711
Delta R.T. 0.006 min
Lab File: VX038895.D
Acq: 17 Nov 2023 23:39

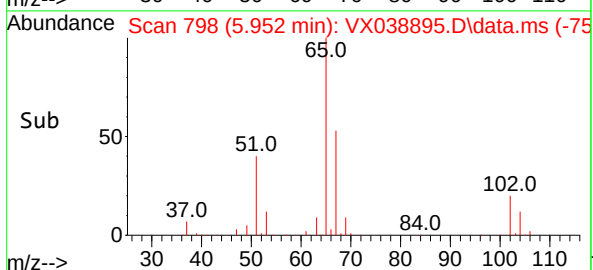
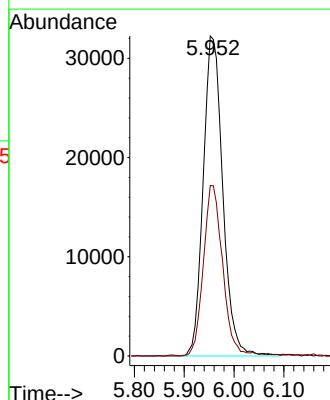
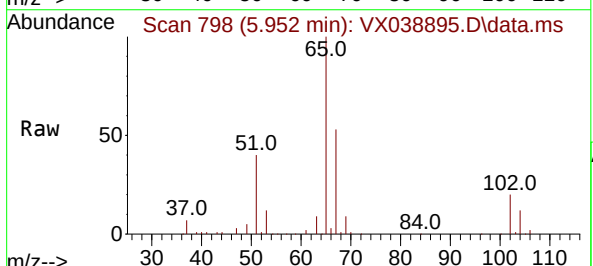
Instrument :
MSVOA_X
ClientSampleId :
VX1117WBL02

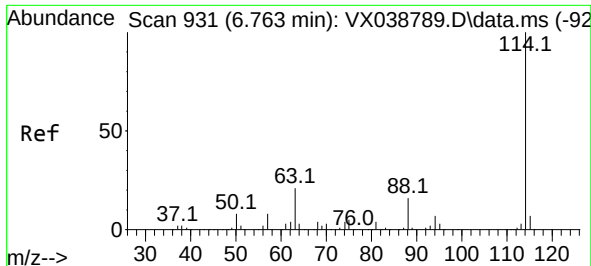
Tgt Ion:168 Resp: 114657
Ion Ratio Lower Upper
168 100
99 61.7 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 47.576 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX038895.D
Acq: 17 Nov 2023 23:39

Tgt Ion: 65 Resp: 87898
Ion Ratio Lower Upper
65 100
67 52.6 0.0 100.2

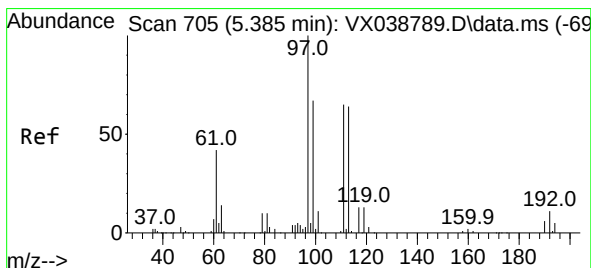
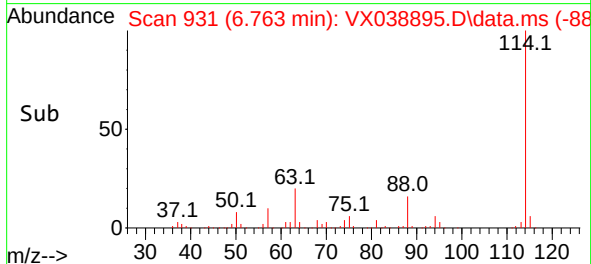
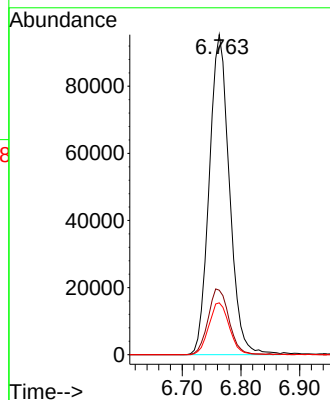
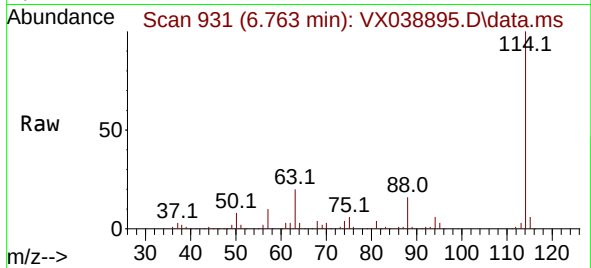




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX038895.D
Acq: 17 Nov 2023 23:39

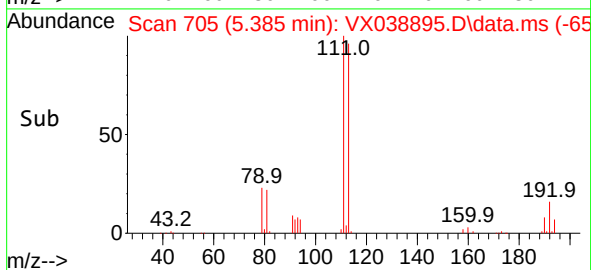
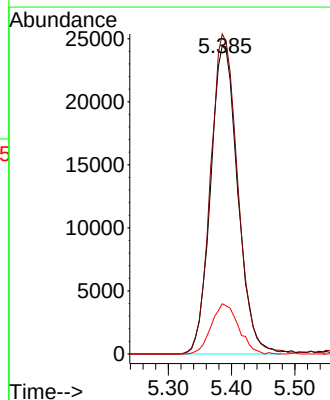
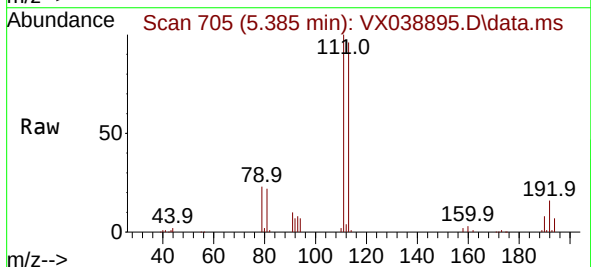
Instrument :
MSVOA_X
ClientSampleId :
VX1117WBL02

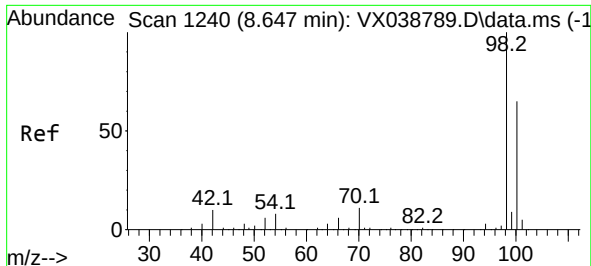
Tgt Ion:114 Resp: 227315
Ion Ratio Lower Upper
114 100
63 20.1 0.0 45.0
88 16.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.361 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038895.D
Acq: 17 Nov 2023 23:39

Tgt Ion:113 Resp: 72828
Ion Ratio Lower Upper
113 100
111 104.1 82.9 124.3
192 16.4 13.3 19.9

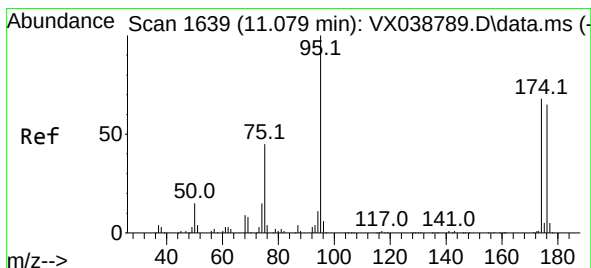
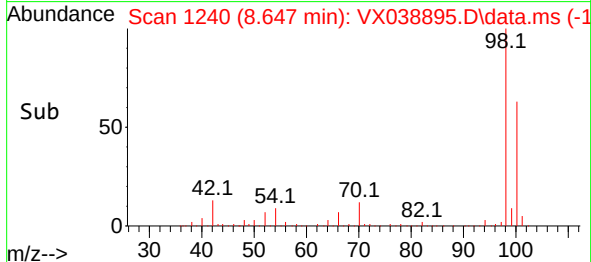
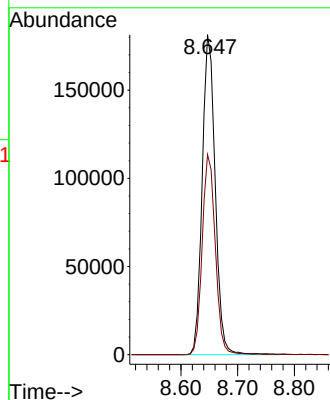
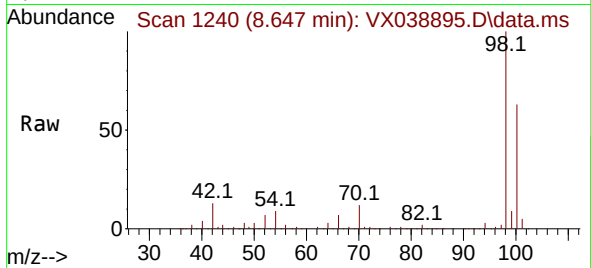




#50
Toluene-d8
Concen: 45.829 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038895.D
Acq: 17 Nov 2023 23:39

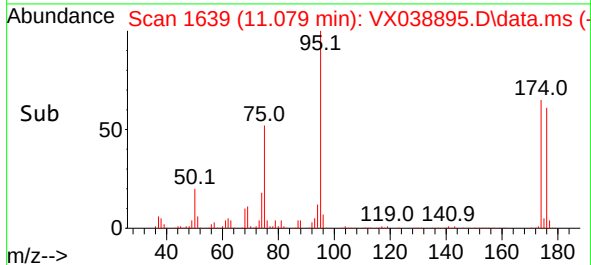
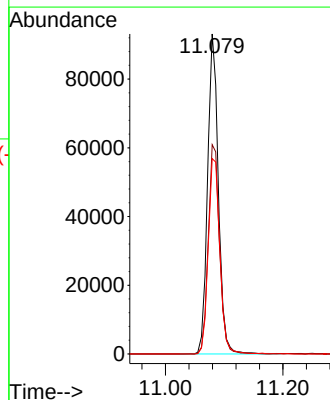
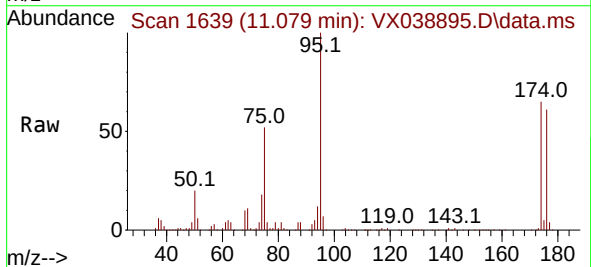
Instrument :
MSVOA_X
ClientSampleId :
VX1117WBL02

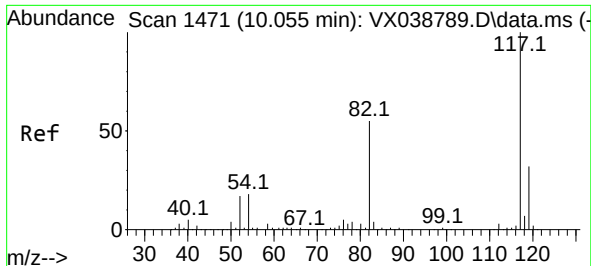
Tgt Ion: 98 Resp: 287865
Ion Ratio Lower Upper
98 100
100 63.2 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 47.285 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038895.D
Acq: 17 Nov 2023 23:39

Tgt Ion: 95 Resp: 118897
Ion Ratio Lower Upper
95 100
174 68.4 0.0 135.6
176 65.6 0.0 131.0

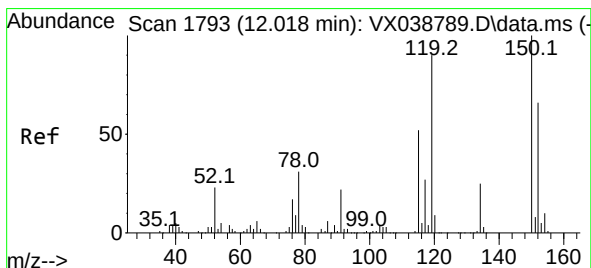
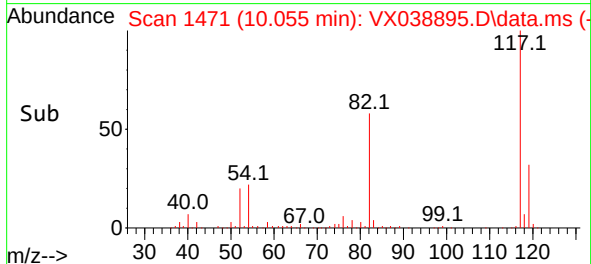
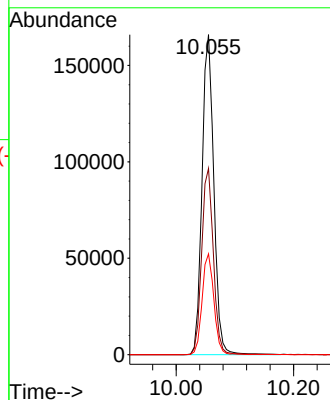
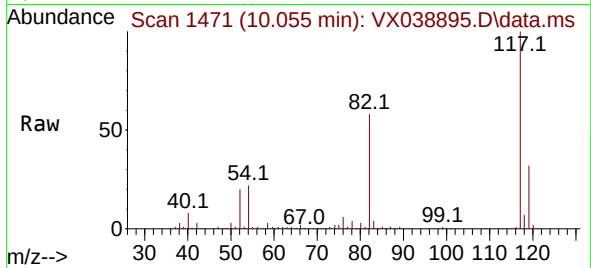




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038895.D
Acq: 17 Nov 2023 23:39

Instrument :
MSVOA_X
ClientSampleId :
VX1117WBL02

Tgt Ion:117 Resp: 230078
Ion Ratio Lower Upper
117 100
82 58.2 46.2 69.4
119 31.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX038895.D
Acq: 17 Nov 2023 23:39

Tgt Ion:152 Resp: 109781
Ion Ratio Lower Upper
152 100
115 64.7 43.3 129.9
150 160.2 0.0 345.0

