

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112023\
 Data File : VX038959.D
 Acq On : 20 Nov 2023 15:28
 Operator : JC/MD
 Sample : 05431-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-20231113

Quant Time: Nov 21 00:21:21 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	108760	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	220594	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	230409	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	114513	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	87460	49.906	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.820%
35) Dibromofluoromethane	5.385	113	70931	44.522	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.040%
50) Toluene-d8	8.647	98	282543	46.352	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.700%
62) 4-Bromofluorobenzene	11.079	95	120728	49.476	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.960%

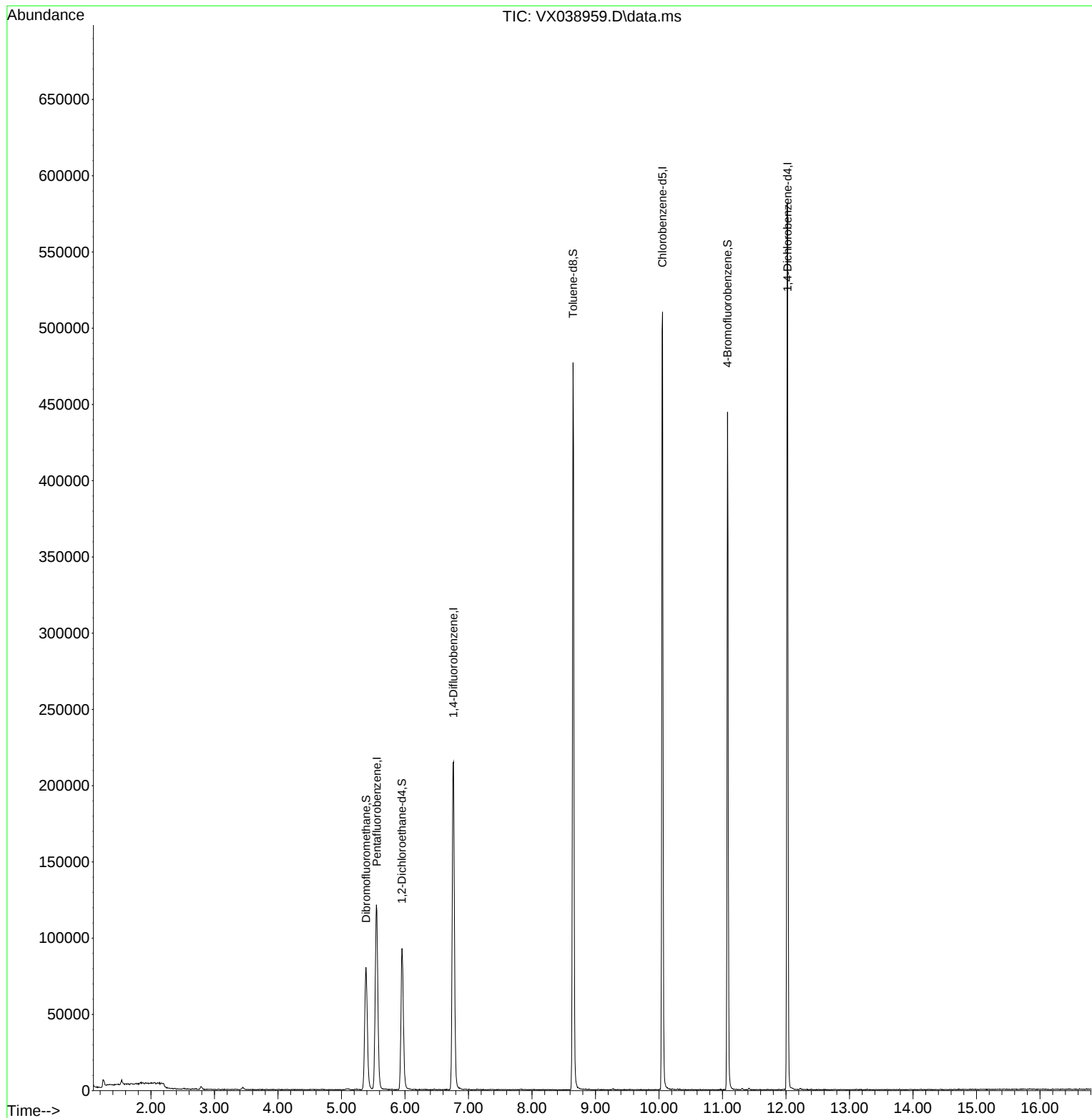
Target Compounds	Qvalue

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

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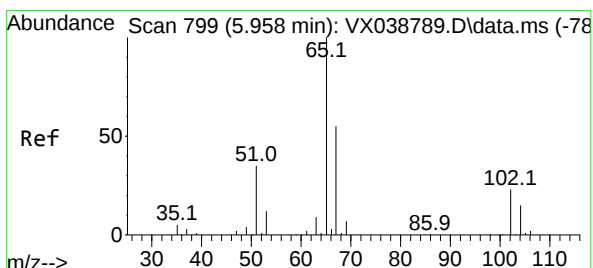
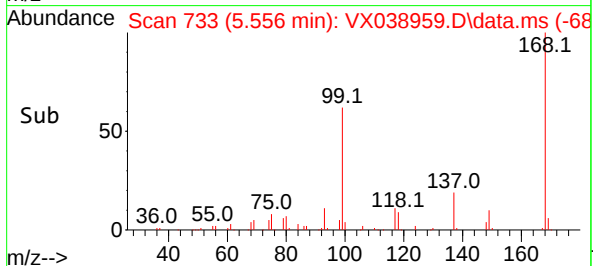
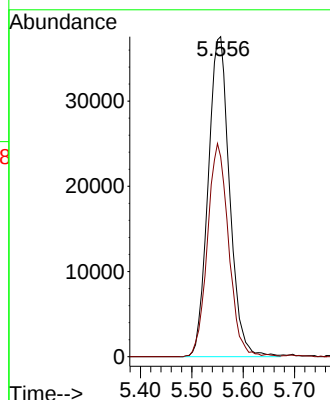
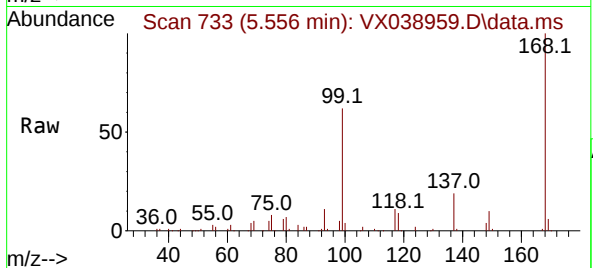




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 711
Delta R.T. 0.006 min
Lab File: VX038959.D
Acq: 20 Nov 2023 15:28

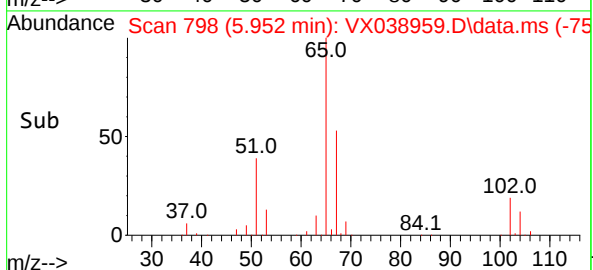
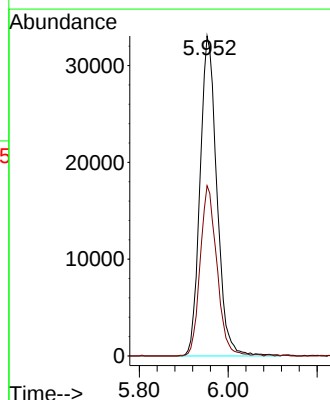
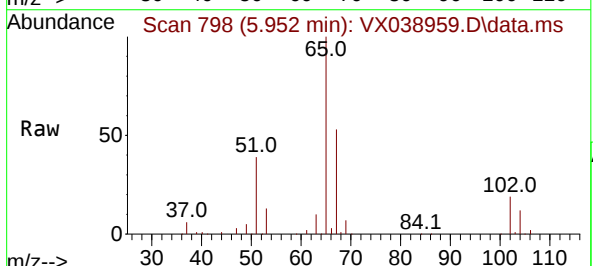
Instrument :
MSVOA_X
ClientSampleId :
TB-01-20231113

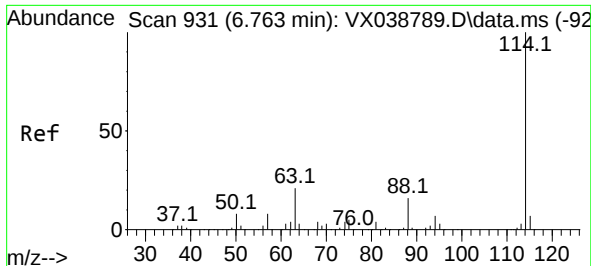
Tgt Ion:168 Resp: 108760
Ion Ratio Lower Upper
168 100
99 62.4 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 49.906 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX038959.D
Acq: 20 Nov 2023 15:28

Tgt Ion: 65 Resp: 87460
Ion Ratio Lower Upper
65 100
67 52.7 0.0 100.2

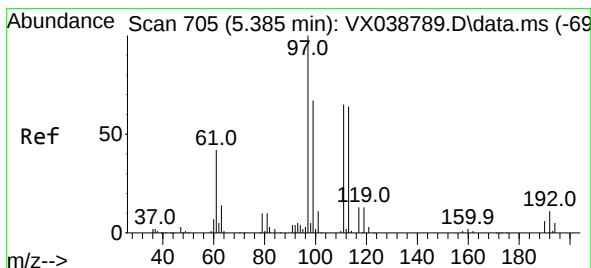
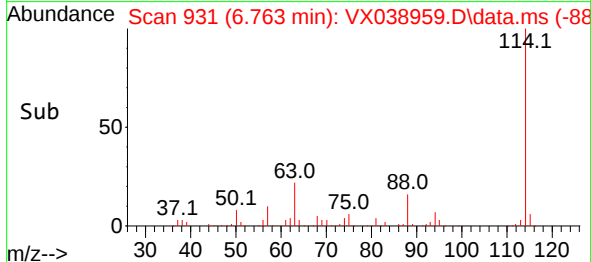
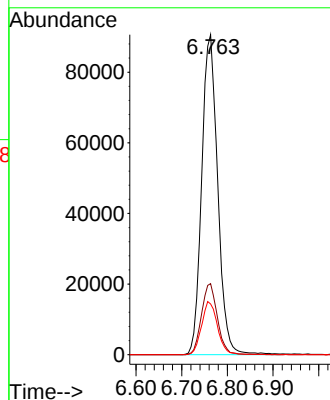
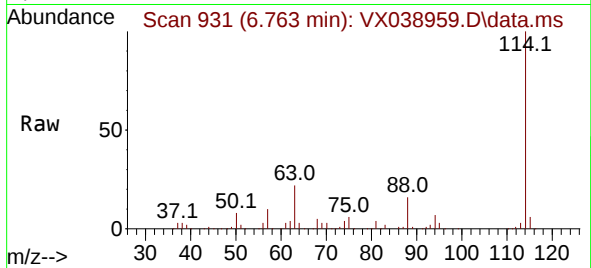




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX038959.D
Acq: 20 Nov 2023 15:28

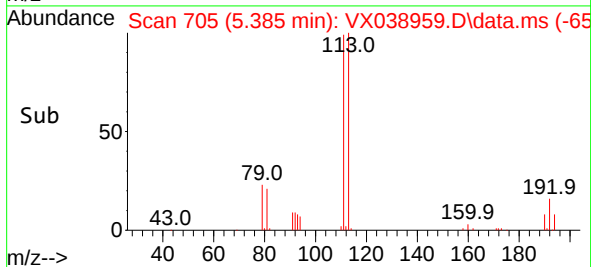
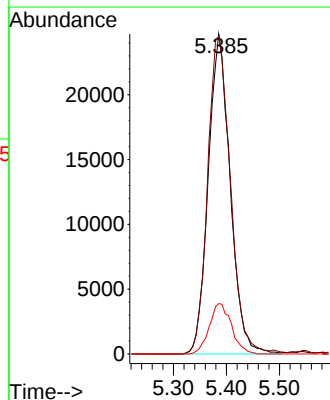
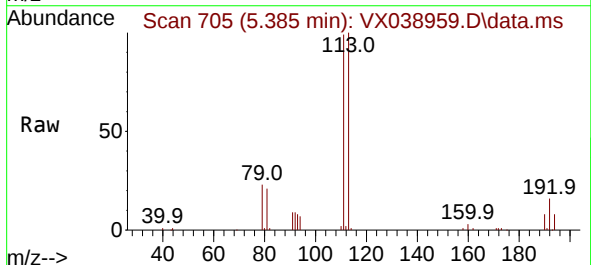
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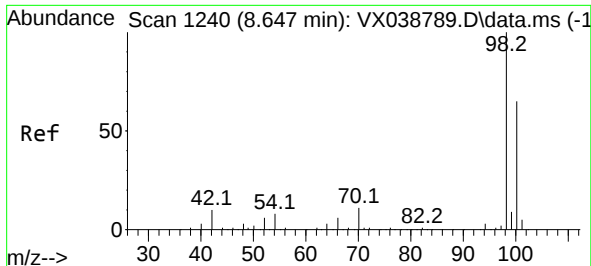
Tgt Ion:114 Resp: 220594
Ion Ratio Lower Upper
114 100
63 22.2 0.0 45.0
88 15.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.522 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038959.D
Acq: 20 Nov 2023 15:28

Tgt Ion:113 Resp: 70931
Ion Ratio Lower Upper
113 100
111 103.1 82.9 124.3
192 15.9 13.3 19.9

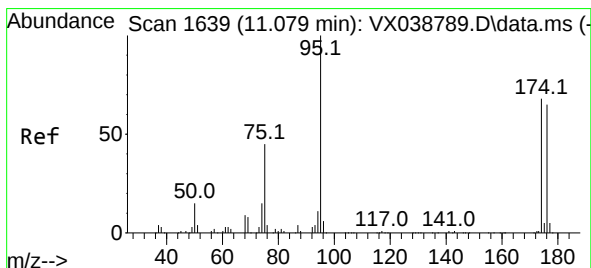
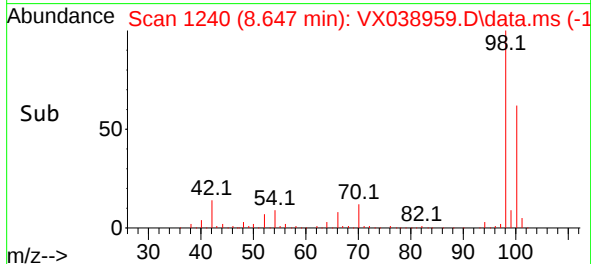
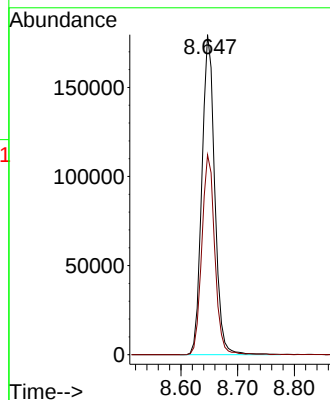
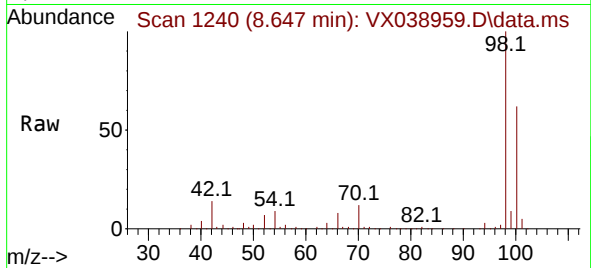




#50
Toluene-d8
Concen: 46.352 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038959.D
Acq: 20 Nov 2023 15:28

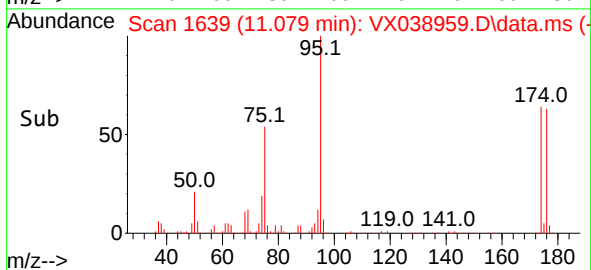
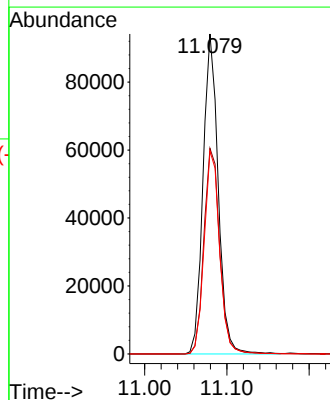
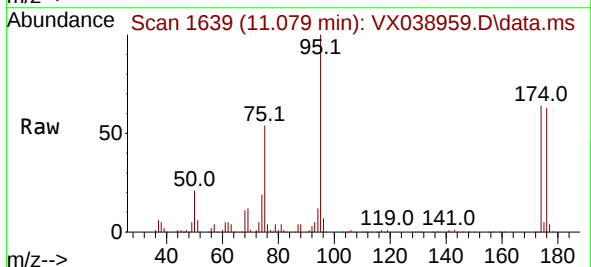
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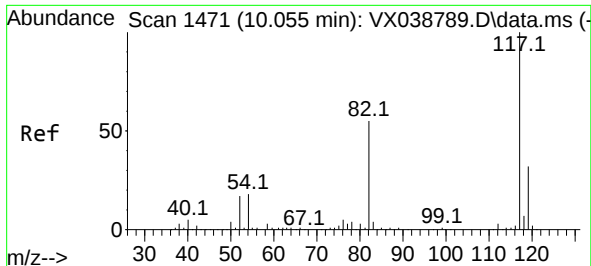
Tgt Ion: 98 Resp: 282543
Ion Ratio Lower Upper
98 100
100 62.9 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 49.476 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038959.D
Acq: 20 Nov 2023 15:28

Tgt Ion: 95 Resp: 120728
Ion Ratio Lower Upper
95 100
174 67.0 0.0 135.6
176 64.6 0.0 131.0

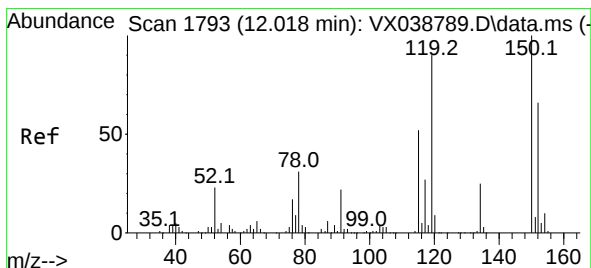
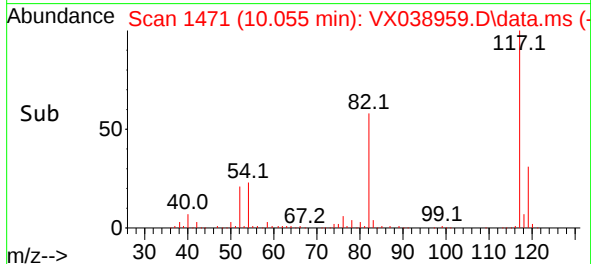
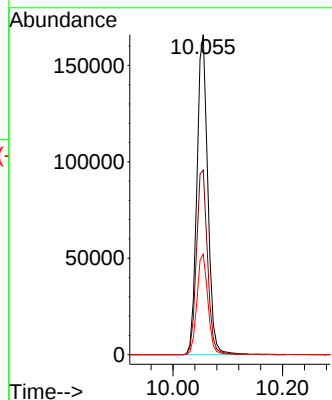
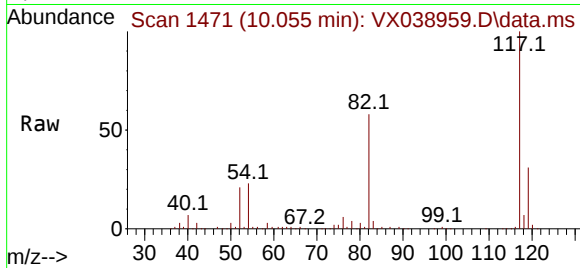




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038959.D
Acq: 20 Nov 2023 15:28

Instrument :
MSVOA_X
ClientSampleId :
TB-01-20231113

Tgt Ion:117 Resp: 230409
Ion Ratio Lower Upper
117 100
82 57.7 46.2 69.4
119 31.4 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: VX038959.D
Acq: 20 Nov 2023 15:28

Tgt Ion:152 Resp: 114513
Ion Ratio Lower Upper
152 100
115 66.1 43.3 129.9
150 159.0 0.0 345.0

