

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111823\
 Data File : VX038937.D
 Acq On : 18 Nov 2023 18:37
 Operator : JC/MD
 Sample : 05428-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB01-20231113

Quant Time: Nov 20 04:38:51 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	103487	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	206355	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	216508	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	107621	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	81749	49.024	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.040%
35) Dibromofluoromethane	5.385	113	67535	45.315	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.620%
50) Toluene-d8	8.647	98	264513	46.388	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.780%
62) 4-Bromofluorobenzene	11.079	95	114616	50.213	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.420%

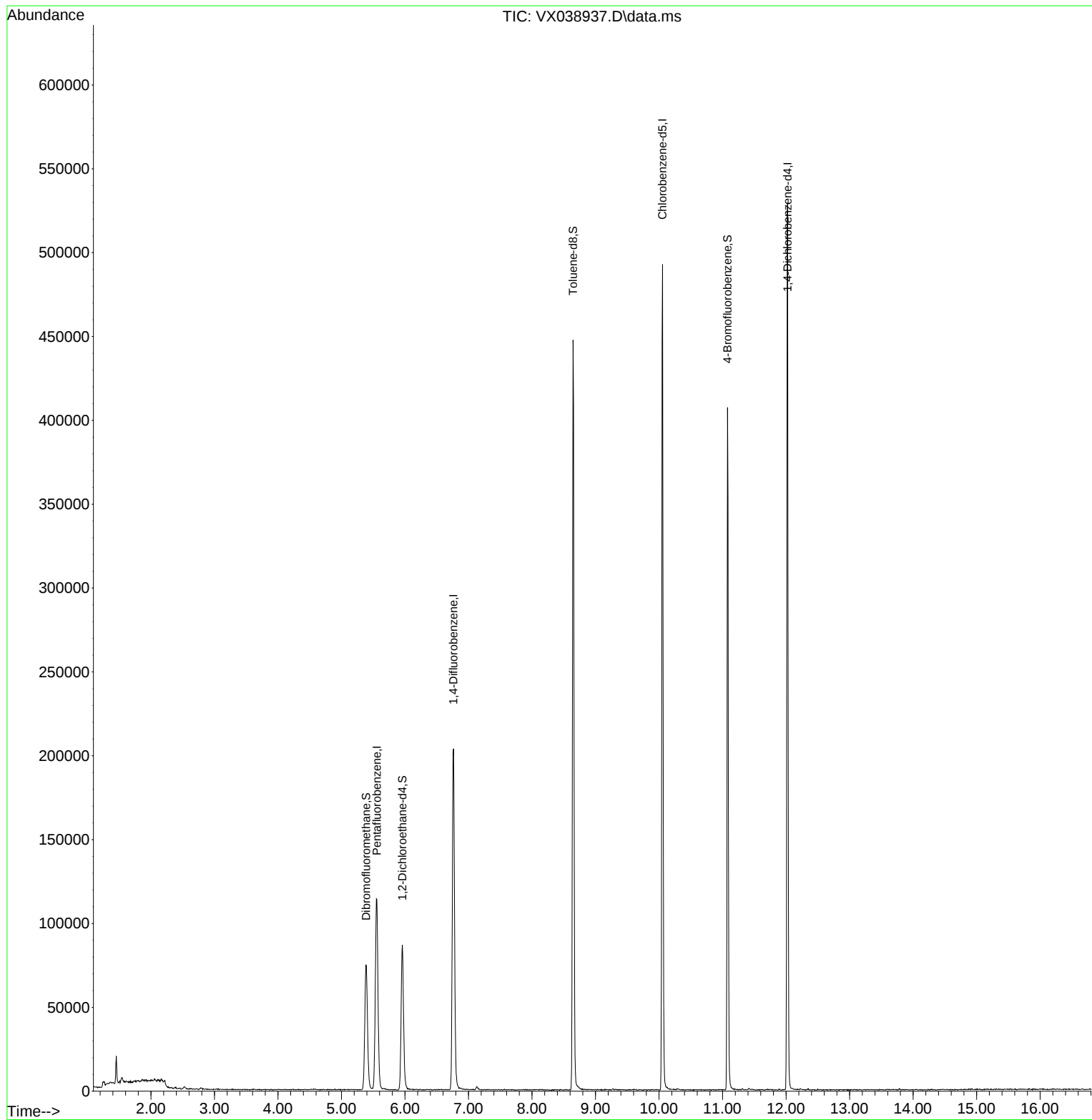
Target Compounds	Qvalue

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

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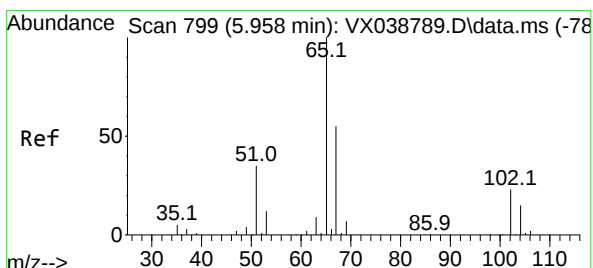
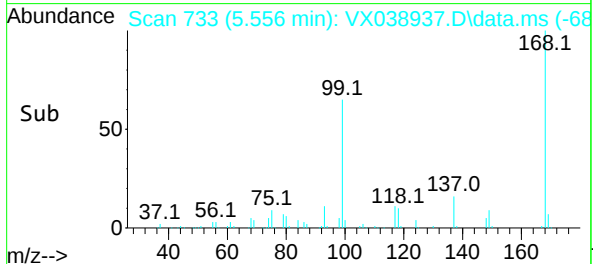
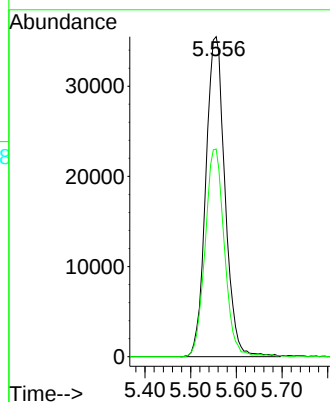
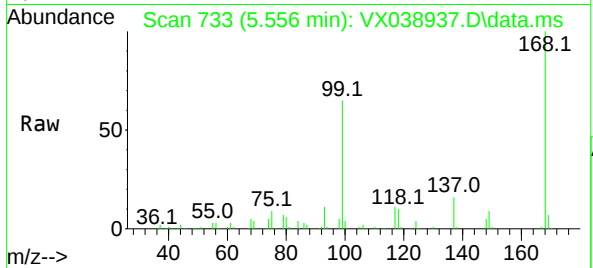




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 711
Delta R.T. 0.006 min
Lab File: VX038937.D
Acq: 18 Nov 2023 18:37

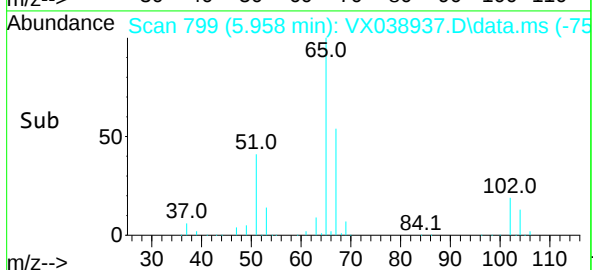
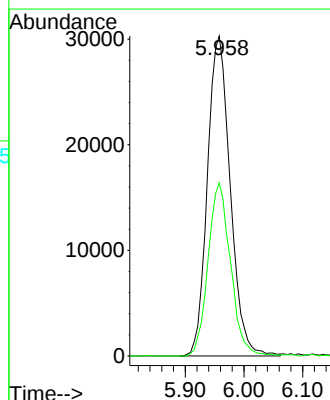
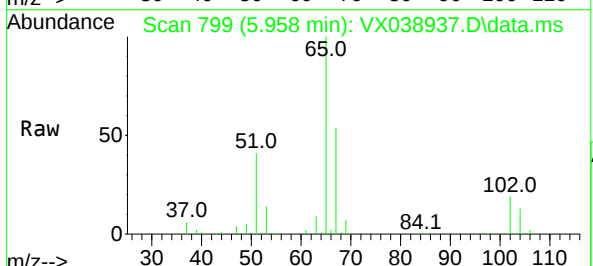
Instrument :
MSVOA_X
ClientSampleId :
EB01-20231113

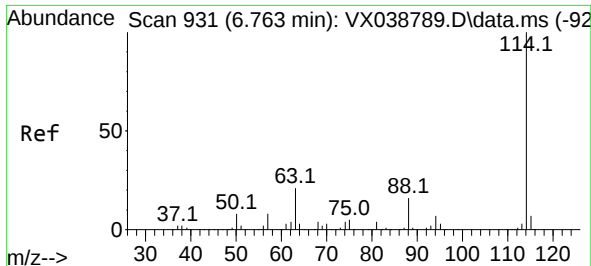
Tgt Ion:168 Resp: 103487
Ion Ratio Lower Upper
168 100
99 64.9 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 49.024 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX038937.D
Acq: 18 Nov 2023 18:37

Tgt Ion: 65 Resp: 81749
Ion Ratio Lower Upper
65 100
67 53.1 0.0 100.2

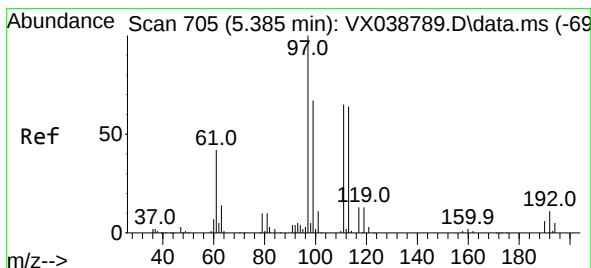
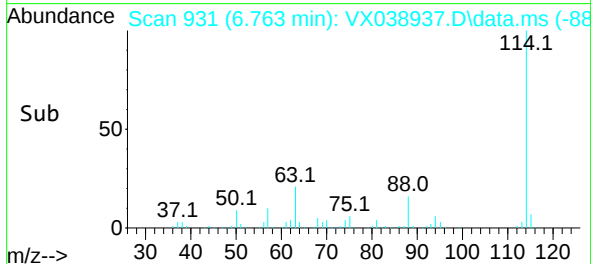
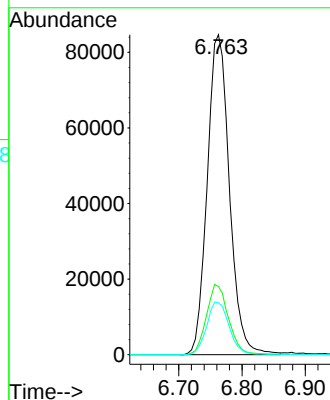
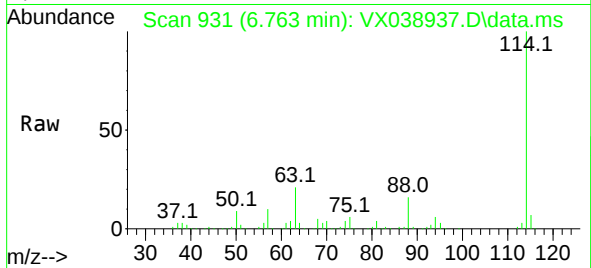




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX038937.D
Acq: 18 Nov 2023 18:37

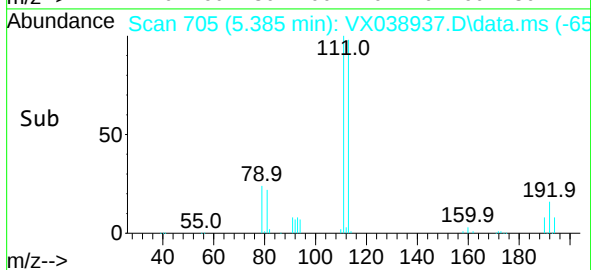
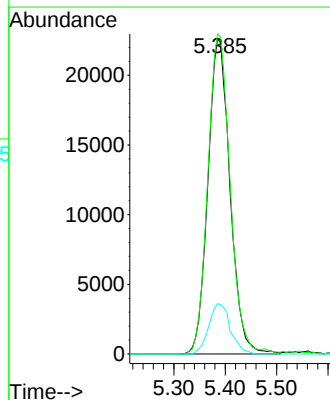
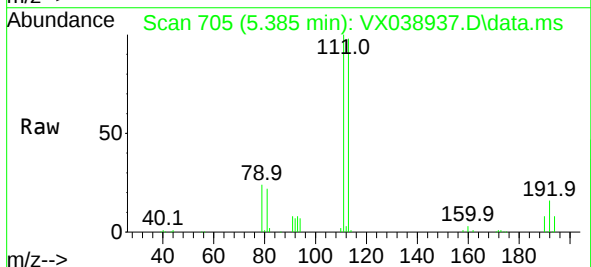
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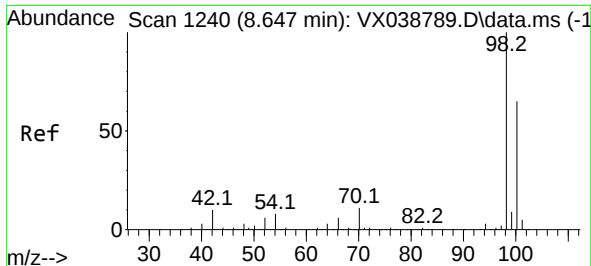
Tgt Ion:114 Resp: 206355
Ion Ratio Lower Upper
114 100
63 21.3 0.0 45.0
88 16.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.315 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX038937.D
Acq: 18 Nov 2023 18:37

Tgt Ion:113 Resp: 67535
Ion Ratio Lower Upper
113 100
111 102.7 82.9 124.3
192 15.6 13.3 19.9

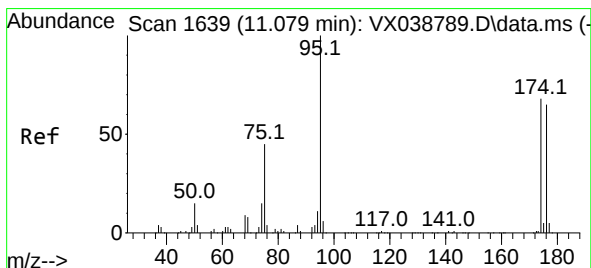
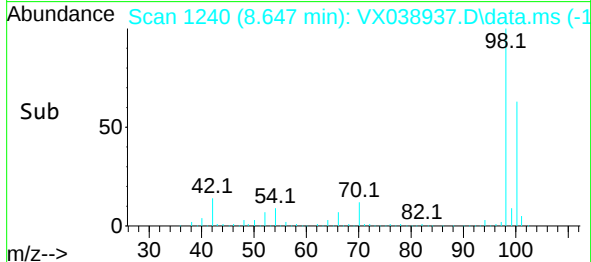
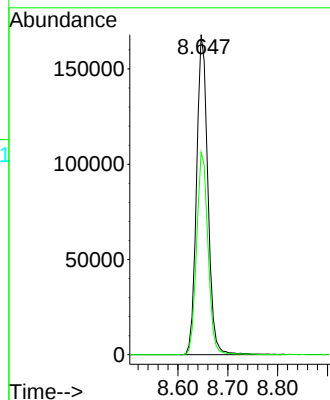
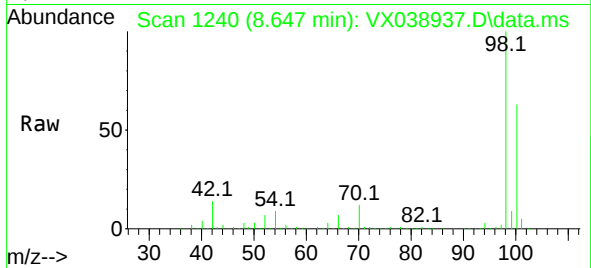




#50
Toluene-d8
Concen: 46.388 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038937.D
Acq: 18 Nov 2023 18:37

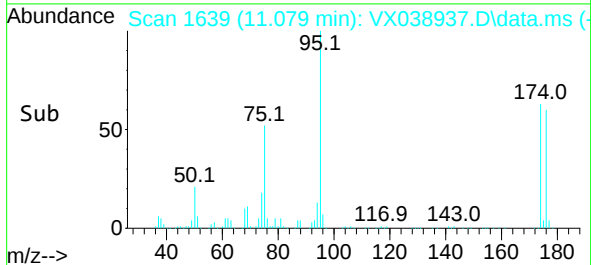
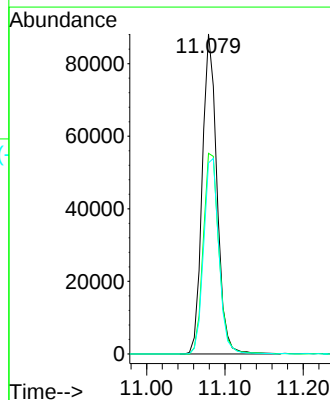
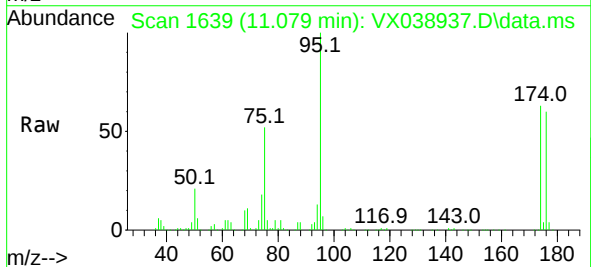
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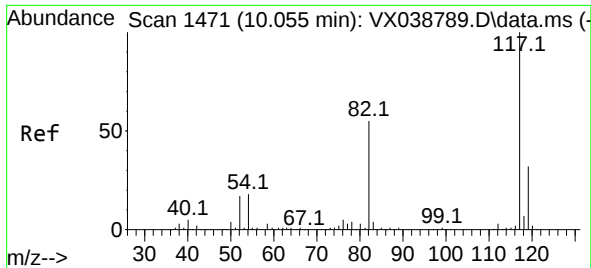
Tgt Ion: 98 Resp: 264513
Ion Ratio Lower Upper
98 100
100 63.8 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 50.213 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX038937.D
Acq: 18 Nov 2023 18:37

Tgt Ion: 95 Resp: 114616
Ion Ratio Lower Upper
95 100
174 66.8 0.0 135.6
176 63.4 0.0 131.0

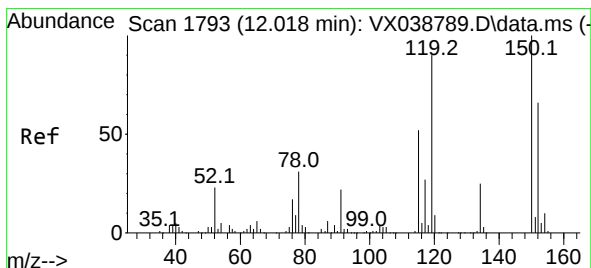
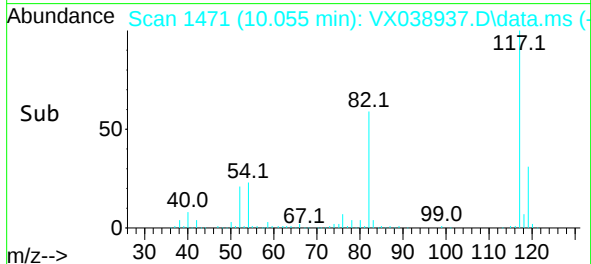
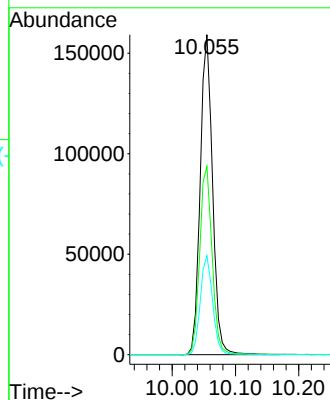
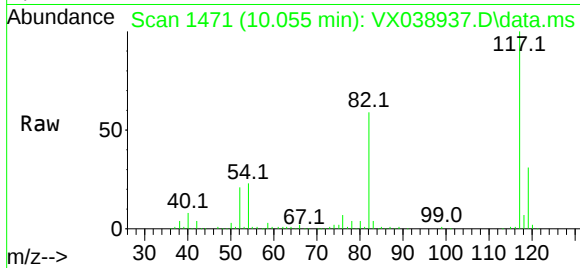




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038937.D
Acq: 18 Nov 2023 18:37

Instrument :
MSVOA_X
ClientSampleId :
EB01-20231113

Tgt Ion:117 Resp: 216508
Ion Ratio Lower Upper
117 100
82 58.8 46.2 69.4
119 31.0 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: VX038937.D
Acq: 18 Nov 2023 18:37

Tgt Ion:152 Resp: 107621
Ion Ratio Lower Upper
152 100
115 65.4 43.3 129.9
150 154.0 0.0 345.0

