

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100623\
 Data File : VX038129.D
 Acq On : 06 Oct 2023 14:34
 Operator : JC/MD
 Sample : 04767-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-2

Quant Time: Oct 07 04:20:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	99802	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	180596	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	179529	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	92021	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	73370	45.706	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.420%
35) Dibromofluoromethane	5.391	113	56539	43.448	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	86.900%
50) Toluene-d8	8.653	98	226116	45.472	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.940%#
62) 4-Bromofluorobenzene	11.079	95	85047	45.114	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.220%

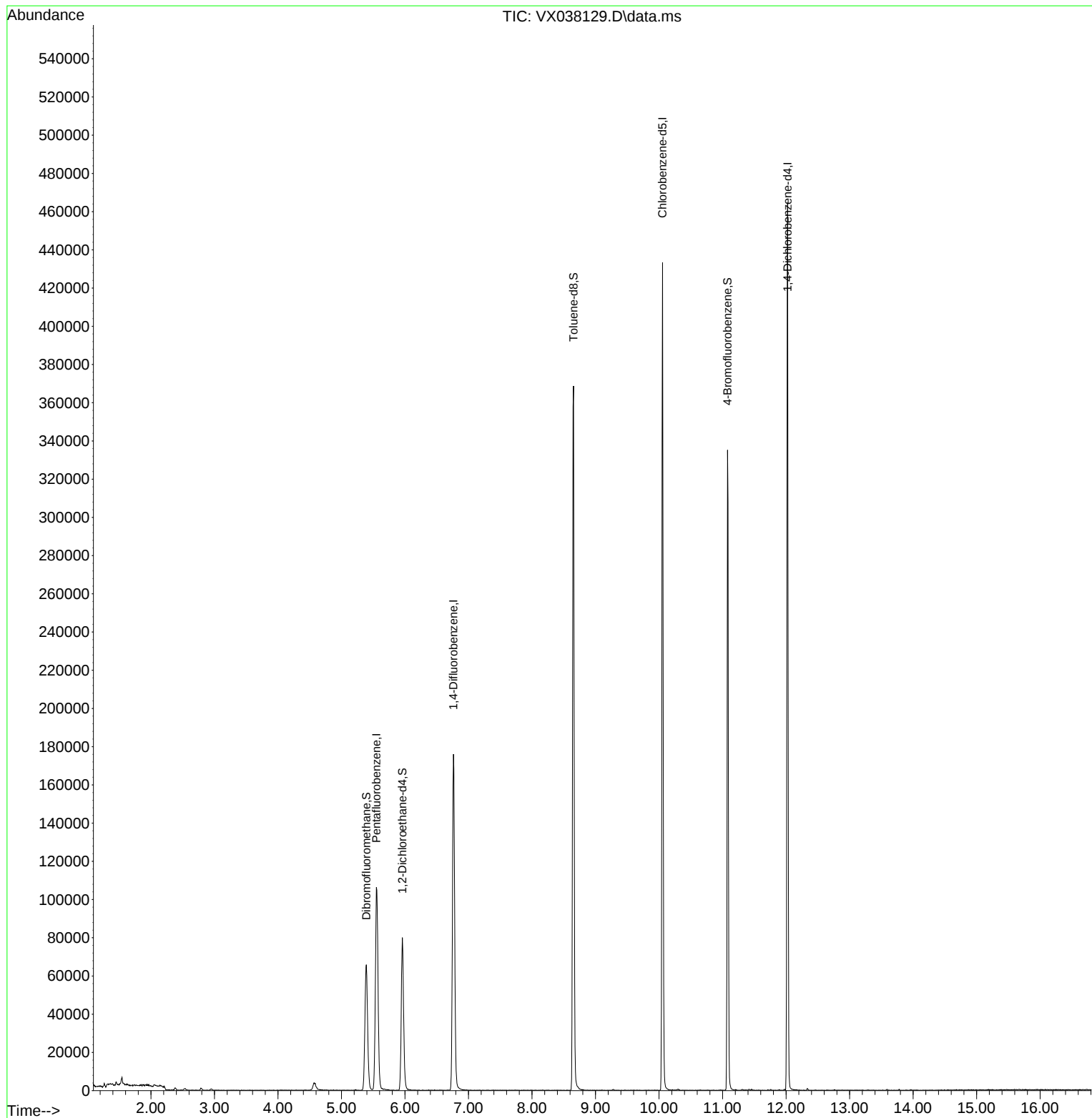
Target Compounds	Qvalue

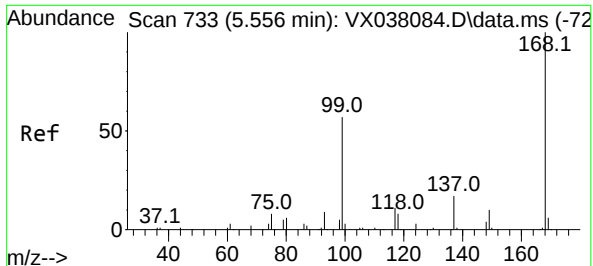
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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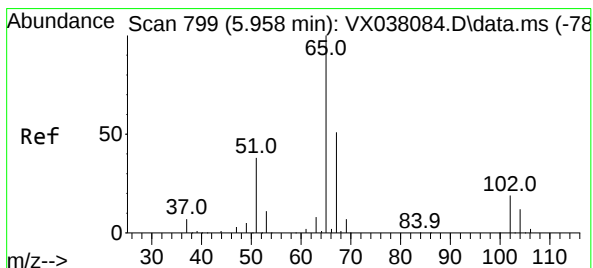
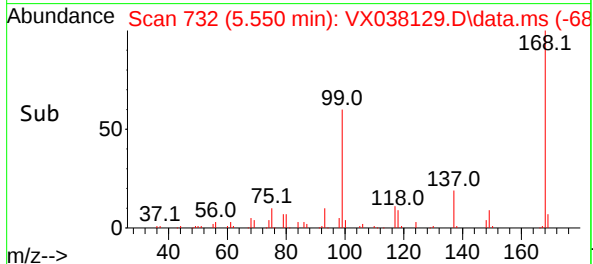
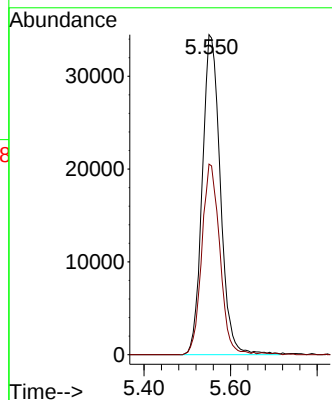
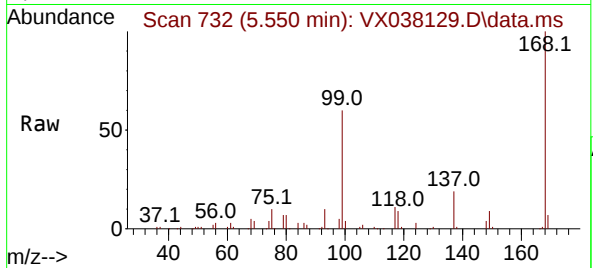




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.006 min
Lab File: VX038129.D
Acq: 06 Oct 2023 14:34

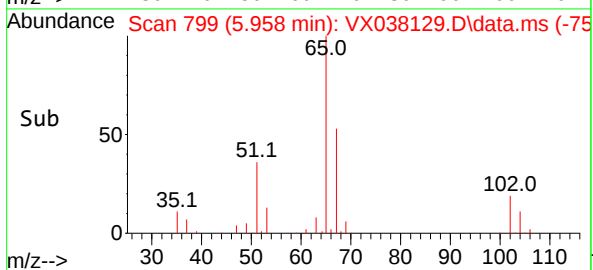
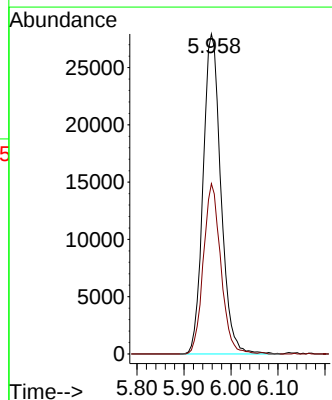
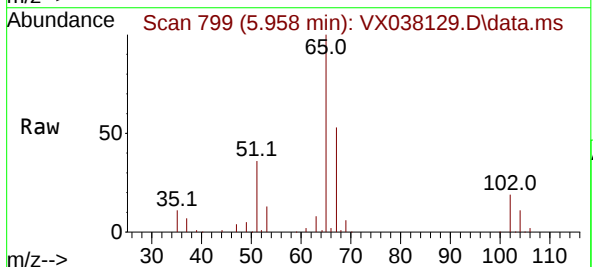
Instrument :
MSVOA_X
ClientSampleId :
FB-2

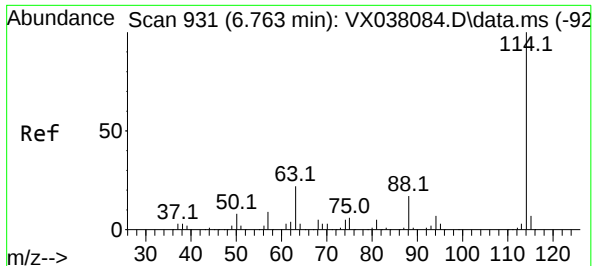
Tgt Ion:168 Resp: 99802
Ion Ratio Lower Upper
168 100
99 59.5 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 45.706 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038129.D
Acq: 06 Oct 2023 14:34

Tgt Ion: 65 Resp: 73370
Ion Ratio Lower Upper
65 100
67 52.1 0.0 100.2

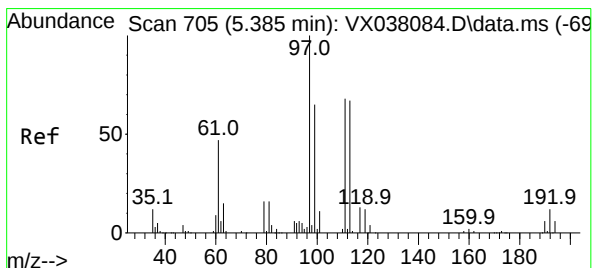
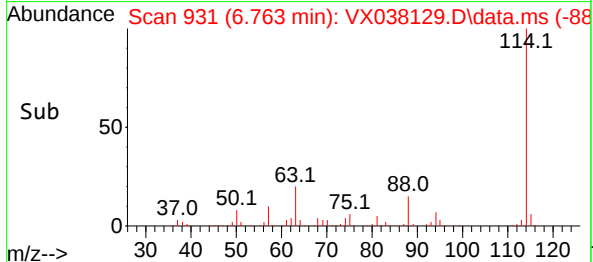
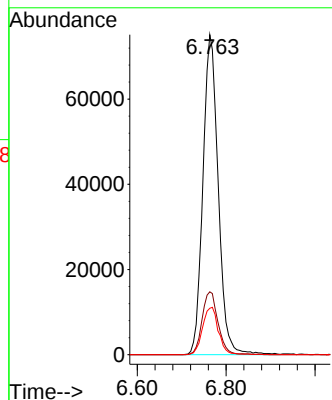
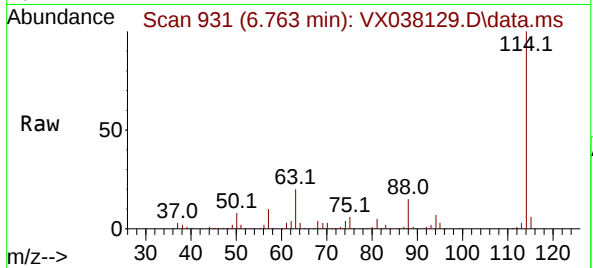




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX038129.D
Acq: 06 Oct 2023 14:34

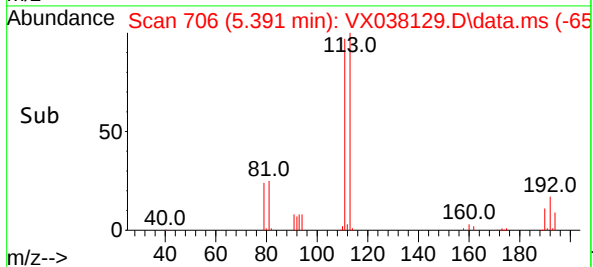
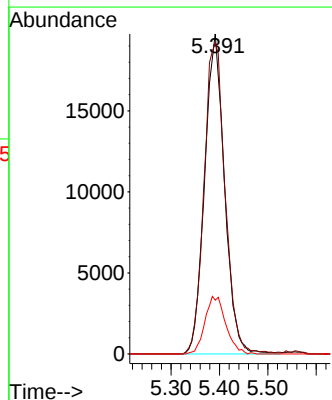
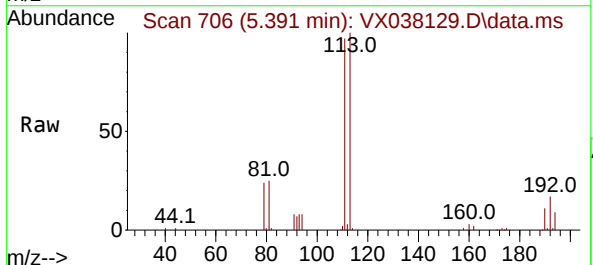
Instrument :
MSVOA_X
ClientSampleId :
FB-2

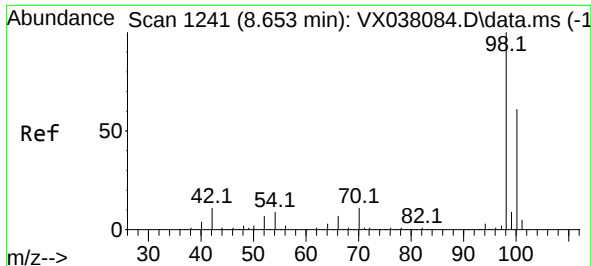
Tgt Ion:114 Resp: 180596
Ion Ratio Lower Upper
114 100
63 19.7 0.0 45.0
88 14.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 43.448 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX038129.D
Acq: 06 Oct 2023 14:34

Tgt Ion:113 Resp: 56539
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 18.7 13.3 19.9

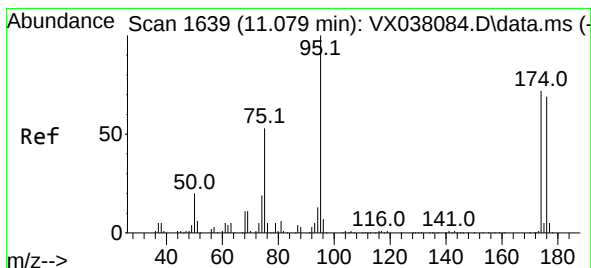
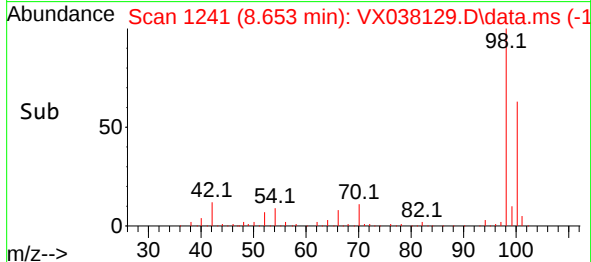
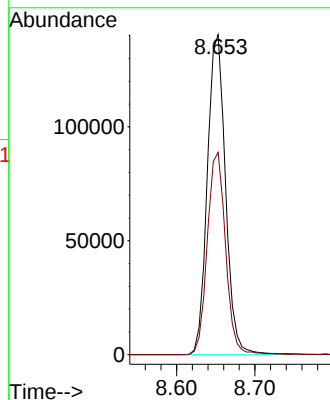
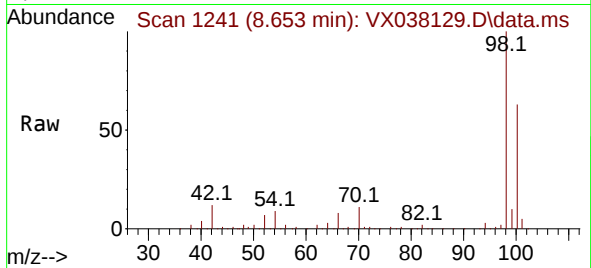




#50
Toluene-d8
Concen: 45.472 ug/l
RT: 8.653 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VX038129.D
Acq: 06 Oct 2023 14:34

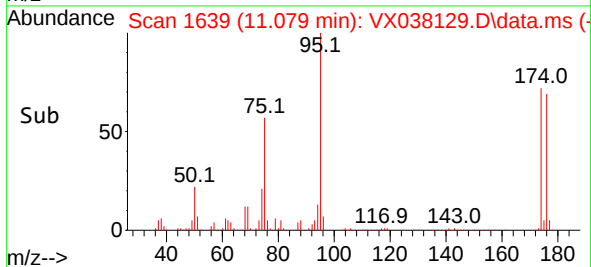
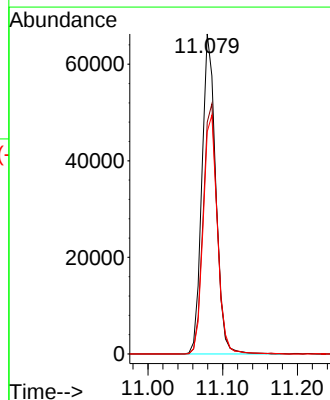
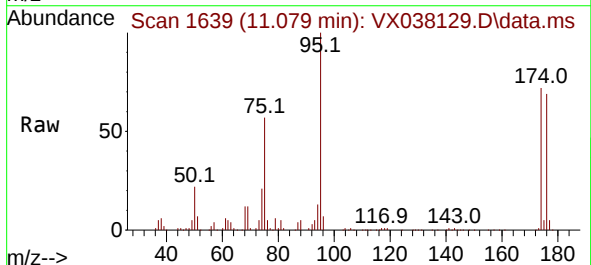
Instrument :
MSVOA_X
ClientSampleId :
FB-2

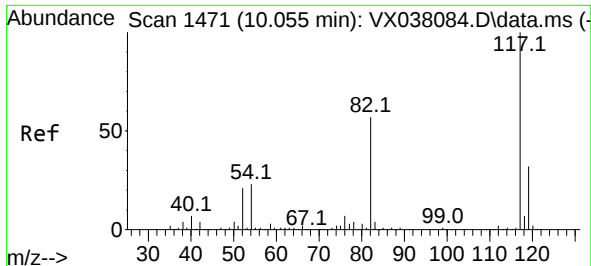
Tgt Ion: 98 Resp: 226116
Ion Ratio Lower Upper
98 100
100 63.5 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 45.114 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038129.D
Acq: 06 Oct 2023 14:34

Tgt Ion: 95 Resp: 85047
Ion Ratio Lower Upper
95 100
174 80.1 0.0 135.6
176 76.7 0.0 131.0

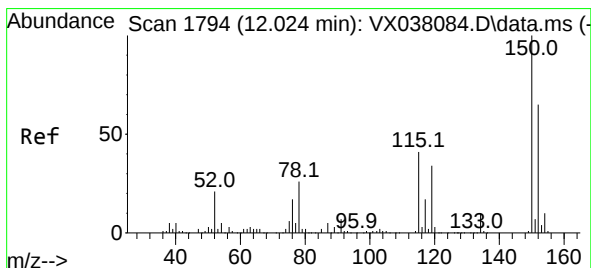
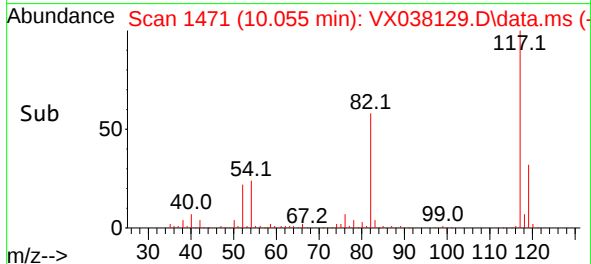
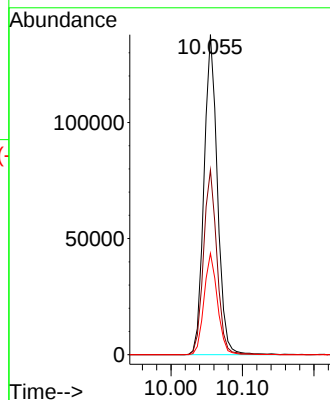
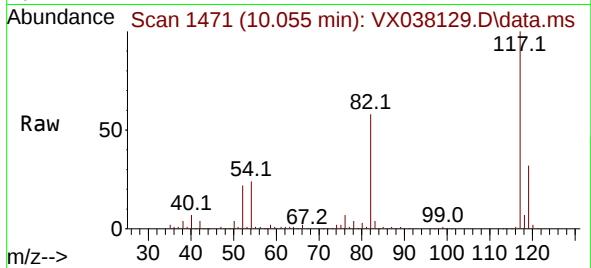




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038129.D
Acq: 06 Oct 2023 14:34

Instrument :
MSVOA_X
ClientSampleId :
FB-2

Tgt Ion:117 Resp: 179529
Ion Ratio Lower Upper
117 100
82 57.7 46.2 69.4
119 31.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038129.D
Acq: 06 Oct 2023 14:34

Tgt Ion:152 Resp: 92021
Ion Ratio Lower Upper
152 100
115 60.1 43.3 129.9
150 155.8 0.0 345.0

