

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111723\
 Data File : VX038883.D
 Acq On : 17 Nov 2023 16:15
 Operator : JC/MD
 Sample : 05403-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP04-20231112

Quant Time: Nov 17 22:52:15 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	122264	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	245553	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	251358	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	123524	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	92122	46.760	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.520%
35) Dibromofluoromethane	5.385	113	78903	44.491	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.980%
50) Toluene-d8	8.647	98	312504	46.056	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.120%
62) 4-Bromofluorobenzene	11.079	95	131190	48.299	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.600%

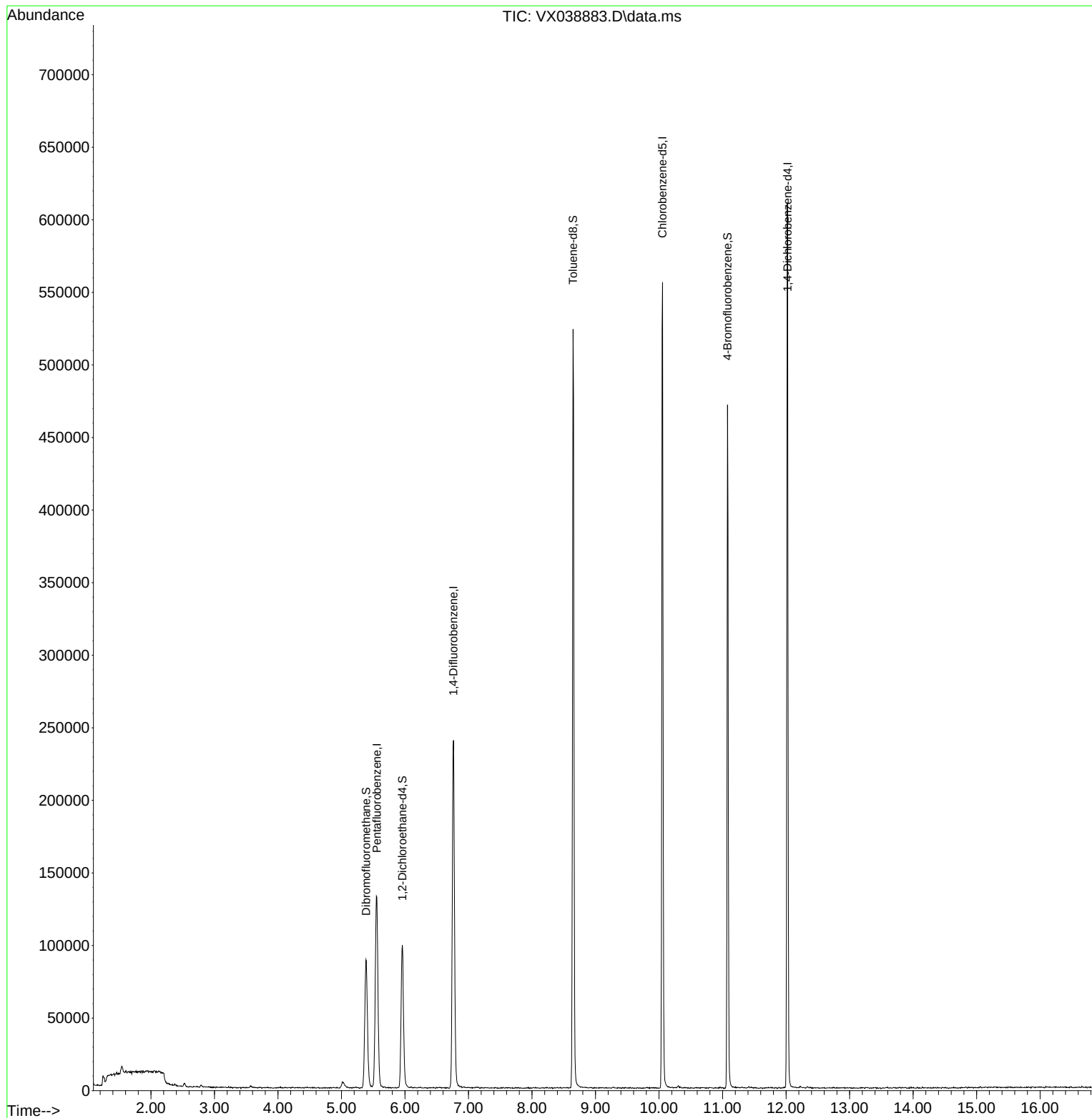
Target Compounds	Qvalue

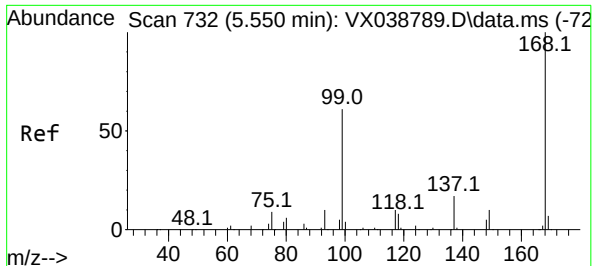
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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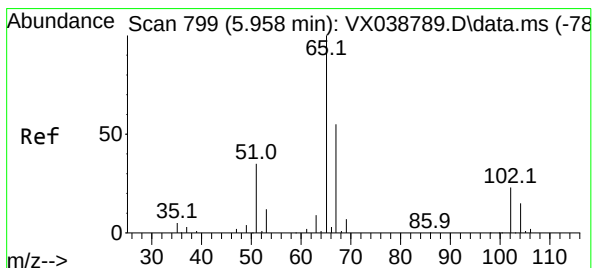
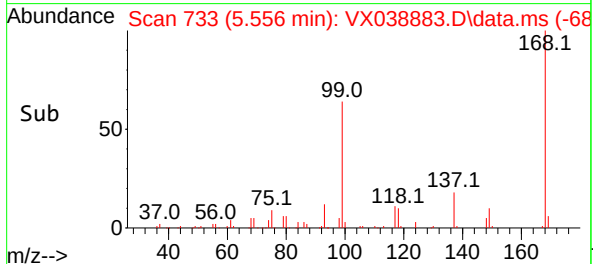
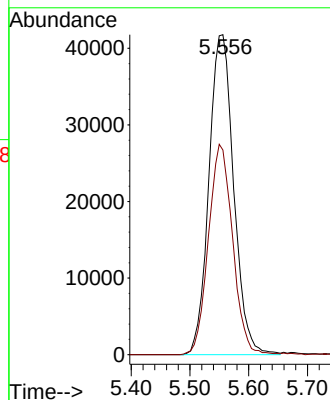
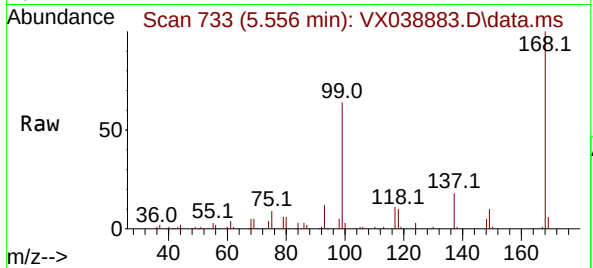




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 711
Delta R.T. 0.006 min
Lab File: VX038883.D
Acq: 17 Nov 2023 16:15

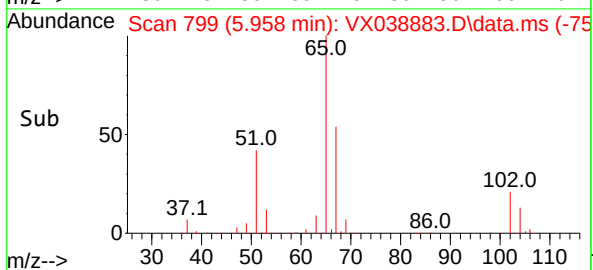
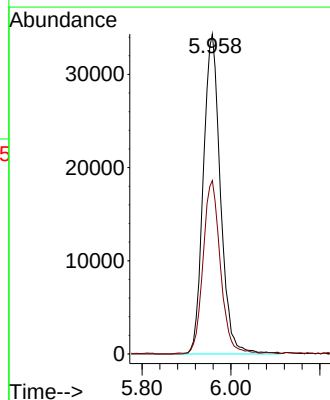
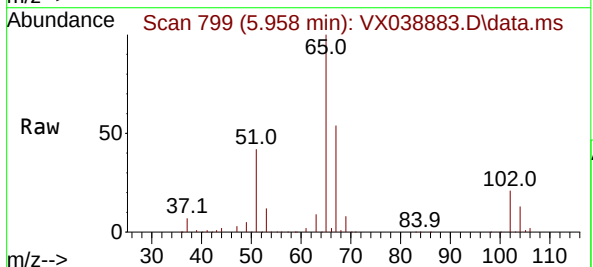
Instrument :
MSVOA_X
ClientSampleId :
DUP04-20231112

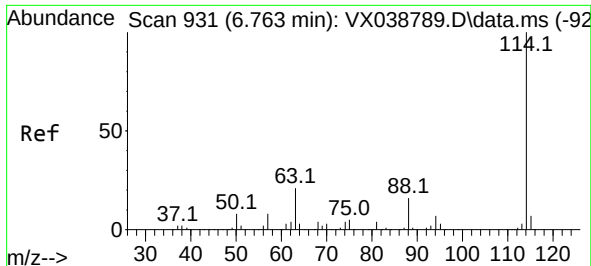
Tgt Ion:168 Resp: 122264
Ion Ratio Lower Upper
168 100
99 63.9 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 46.760 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038883.D
Acq: 17 Nov 2023 16:15

Tgt Ion: 65 Resp: 92122
Ion Ratio Lower Upper
65 100
67 54.9 0.0 100.2

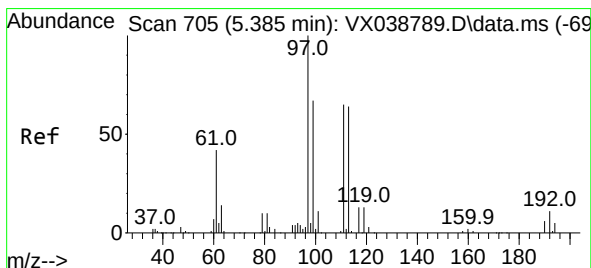
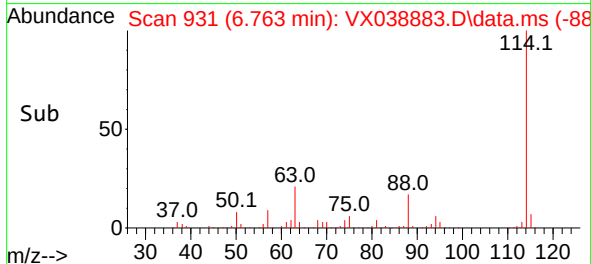
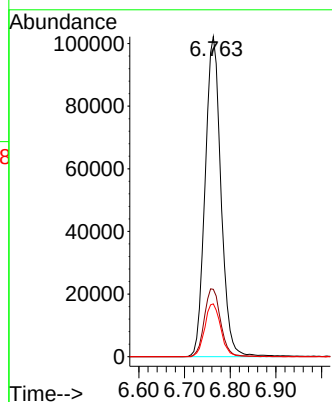
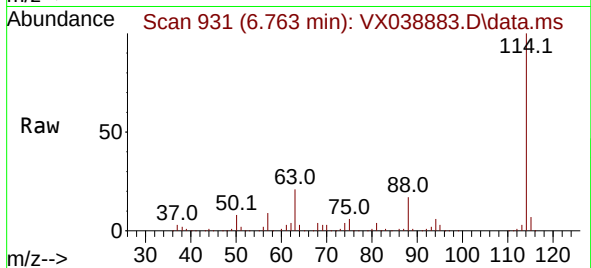




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX038883.D
Acq: 17 Nov 2023 16:15

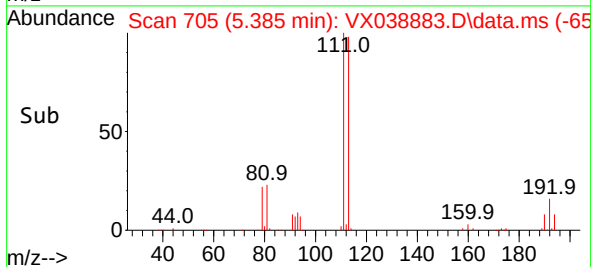
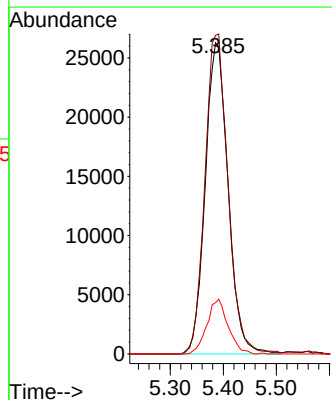
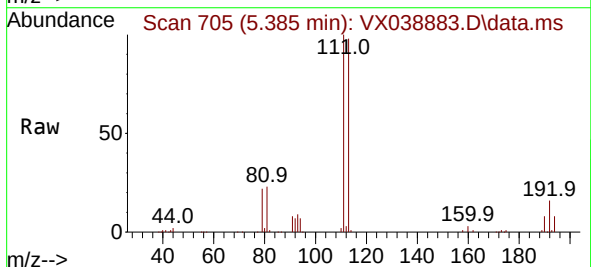
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DUP04-20231112

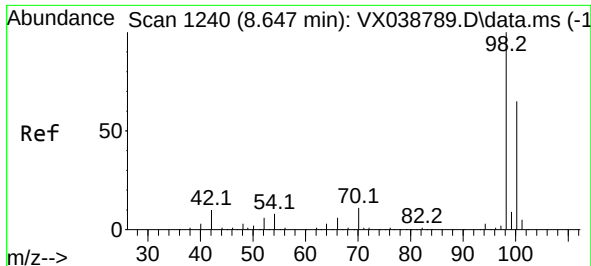
Tgt Ion:114 Resp: 245553
Ion Ratio Lower Upper
114 100
63 21.0 0.0 45.0
88 16.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.491 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038883.D
Acq: 17 Nov 2023 16:15

Tgt Ion:113 Resp: 78903
Ion Ratio Lower Upper
113 100
111 102.8 82.9 124.3
192 16.3 13.3 19.9

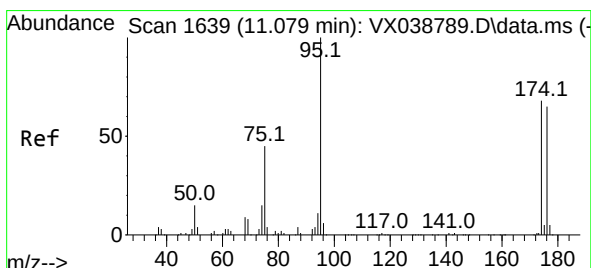
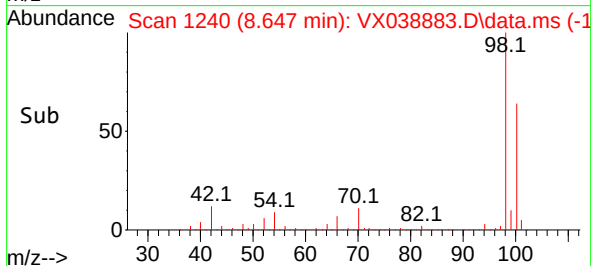
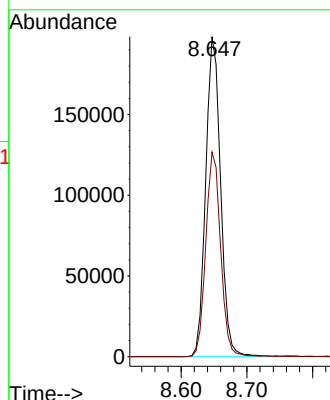
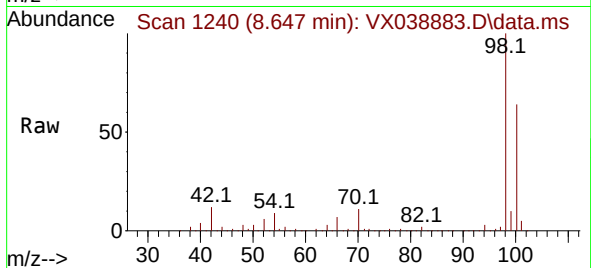




#50
Toluene-d8
Concen: 46.056 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038883.D
Acq: 17 Nov 2023 16:15

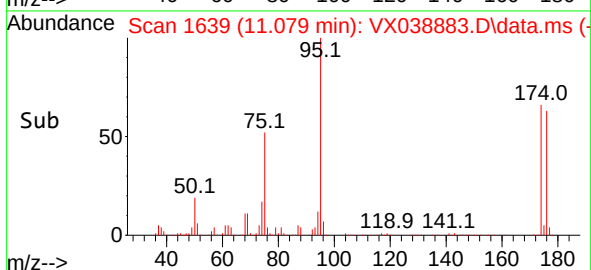
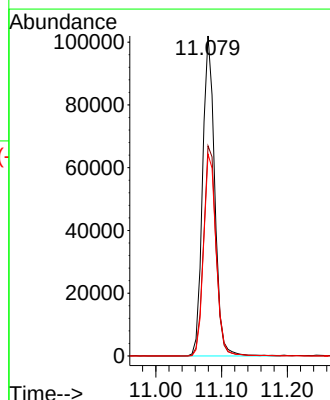
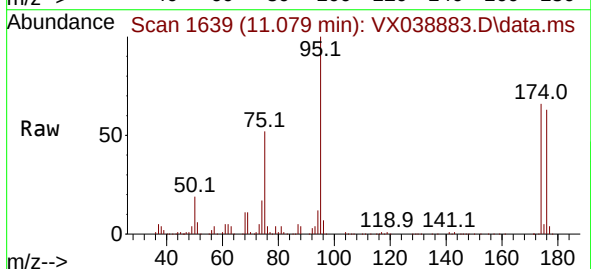
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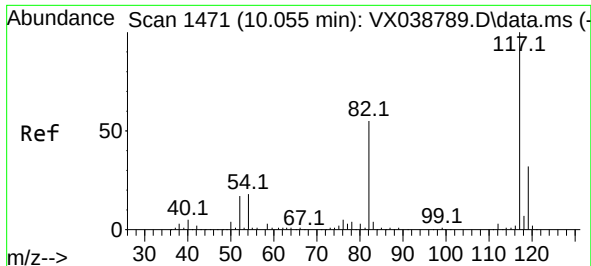
Tgt Ion: 98 Resp: 312504
Ion Ratio Lower Upper
98 100
100 63.9 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 48.299 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038883.D
Acq: 17 Nov 2023 16:15

Tgt Ion: 95 Resp: 131190
Ion Ratio Lower Upper
95 100
174 66.8 0.0 135.6
176 65.2 0.0 131.0

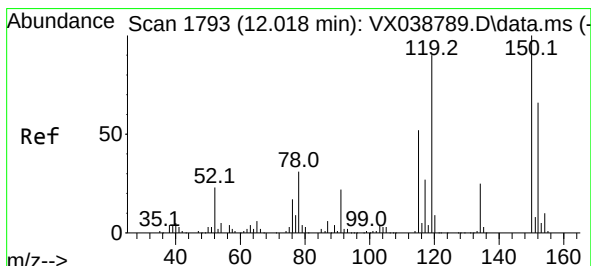
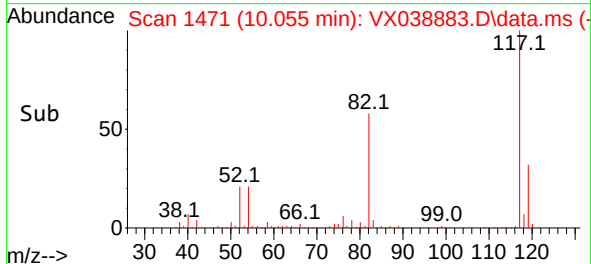
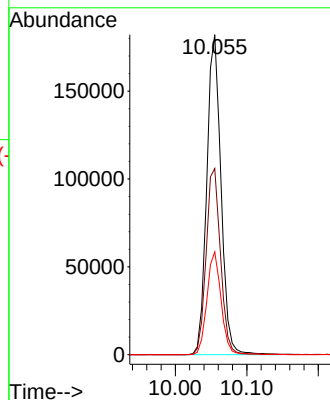
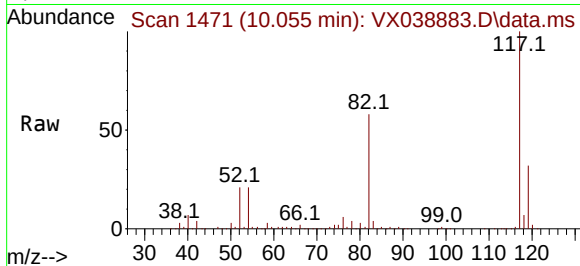




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038883.D
Acq: 17 Nov 2023 16:15

Instrument :
MSVOA_X
ClientSampleId :
DUP04-20231112

Tgt Ion:117 Resp: 251358
Ion Ratio Lower Upper
117 100
82 58.2 46.2 69.4
119 32.1 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: VX038883.D
Acq: 17 Nov 2023 16:15

Tgt Ion:152 Resp: 123524
Ion Ratio Lower Upper
152 100
115 65.0 43.3 129.9
150 157.7 0.0 345.0

