

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111623\
 Data File : VX038860.D
 Acq On : 16 Nov 2023 23:59
 Operator : JC/MD
 Sample : 05403-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP05-20231107

Quant Time: Nov 17 03:22:59 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)

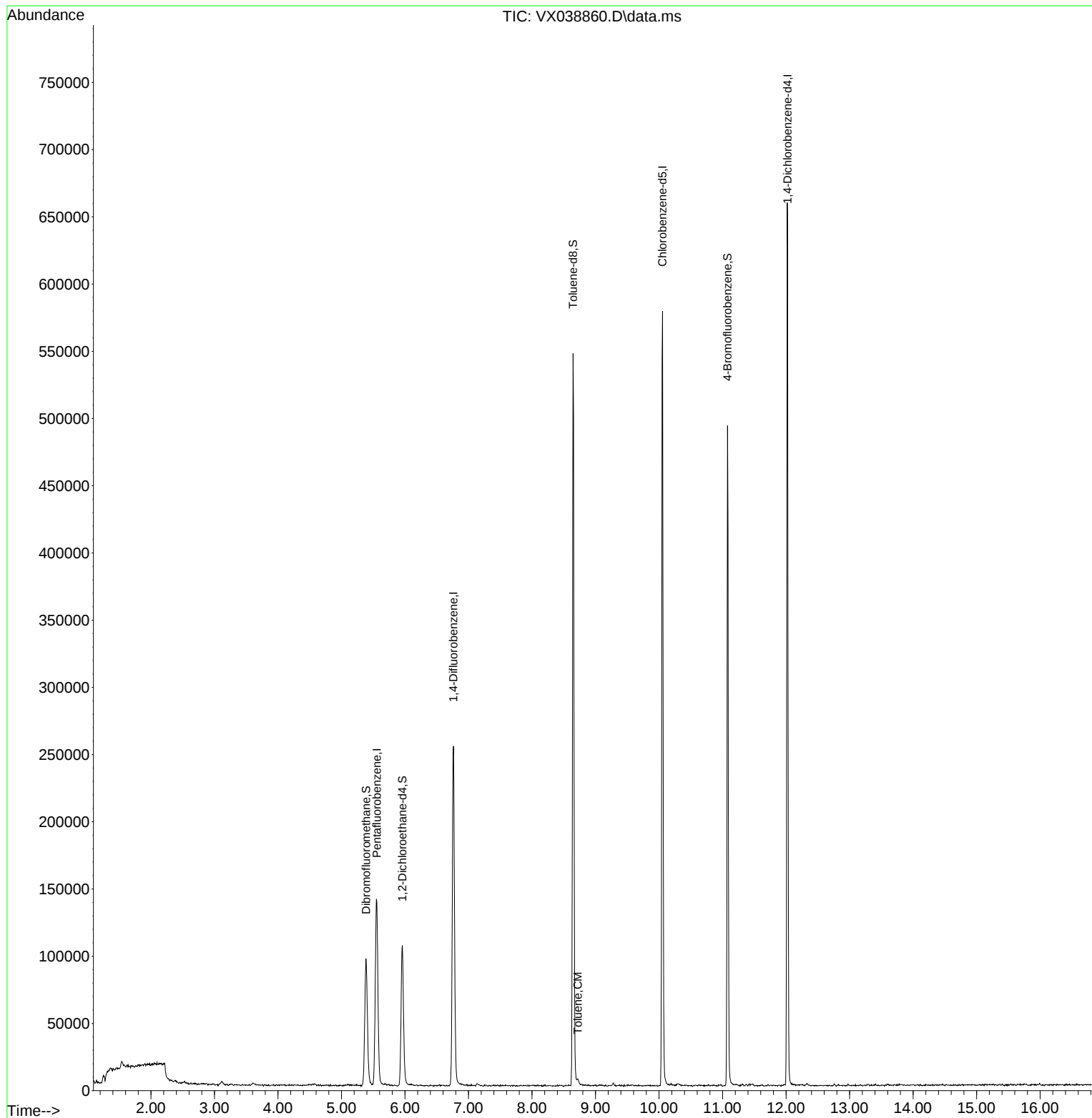
Internal Standards						
1) Pentafluorobenzene	5.556	168	126328	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	262148	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	264296	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	131188	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	96457	47.385	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.780%
35) Dibromofluoromethane	5.385	113	83736	44.228	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.460%
50) Toluene-d8	8.647	98	331463	45.758	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.520%#
62) 4-Bromofluorobenzene	11.079	95	140509	48.455	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.920%
Target Compounds						
52) Toluene	8.720	92	1463	0.294	ug/l	Qvalue 98

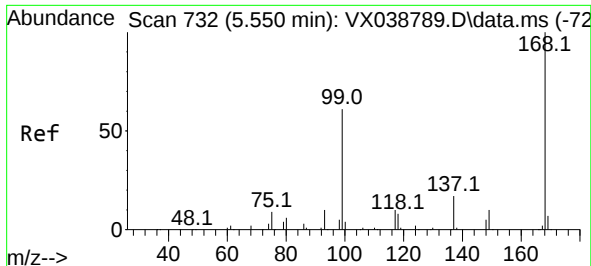
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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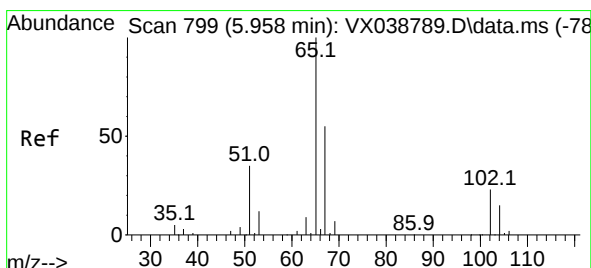
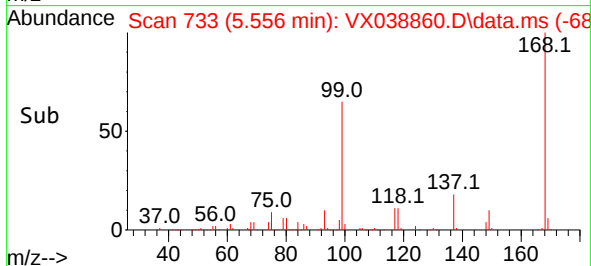
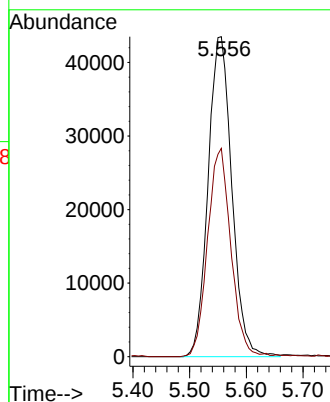
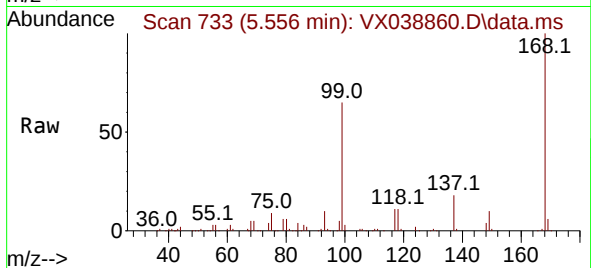




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 711
Delta R.T. 0.006 min
Lab File: VX038860.D
Acq: 16 Nov 2023 23:59

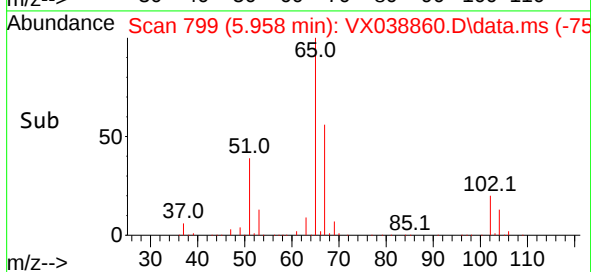
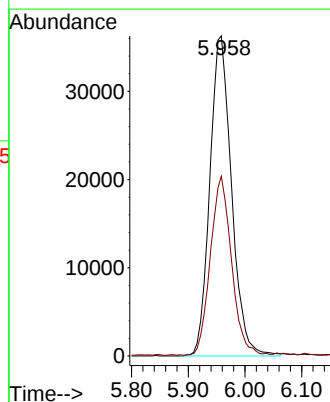
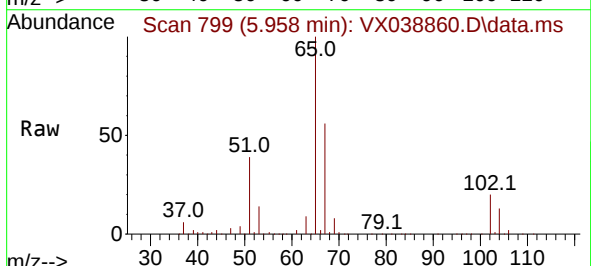
Instrument :
MSVOA_X
ClientSampleId :
DUP05-20231107

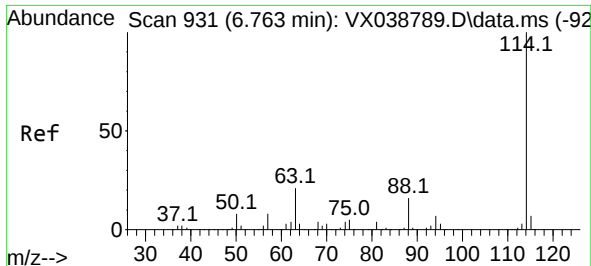
Tgt Ion:168 Resp: 126328
Ion Ratio Lower Upper
168 100
99 65.1 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 47.385 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038860.D
Acq: 16 Nov 2023 23:59

Tgt Ion: 65 Resp: 96457
Ion Ratio Lower Upper
65 100
67 54.4 0.0 100.2

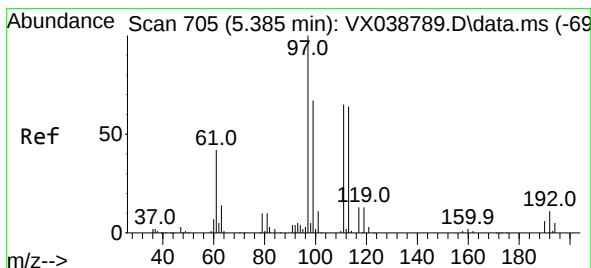
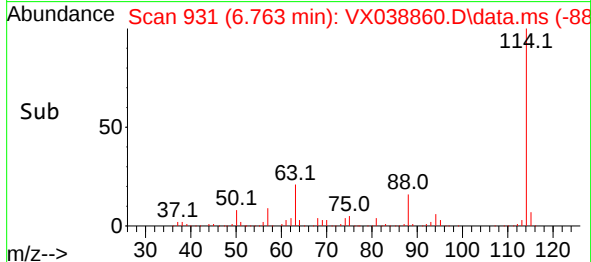
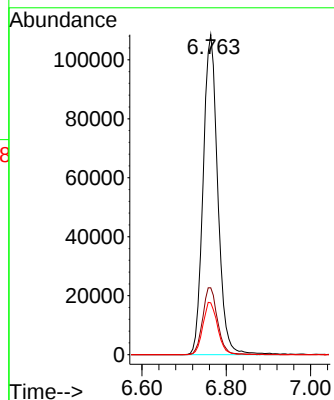
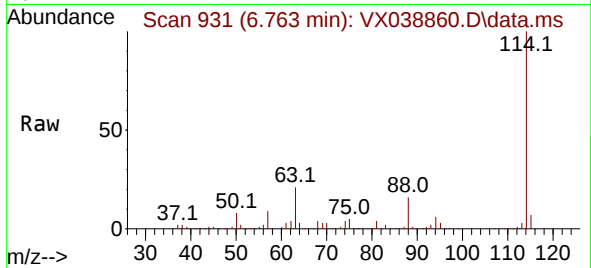




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX038860.D
Acq: 16 Nov 2023 23:59

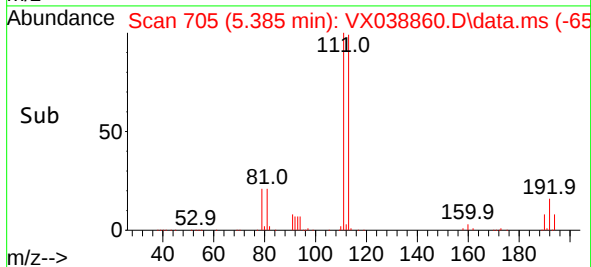
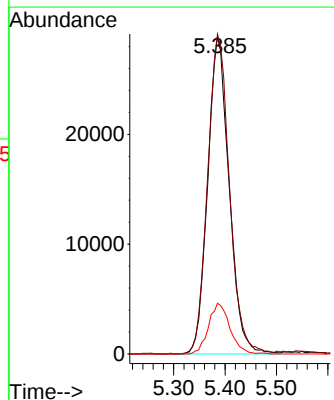
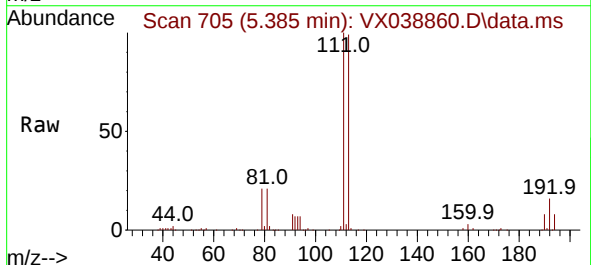
Instrument :
MSVOA_X
ClientSampleId :
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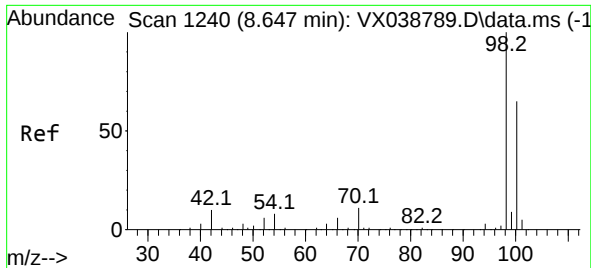
Tgt Ion:114 Resp: 262148
Ion Ratio Lower Upper
114 100
63 20.9 0.0 45.0
88 16.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.228 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038860.D
Acq: 16 Nov 2023 23:59

Tgt Ion:113 Resp: 83736
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 16.0 13.3 19.9

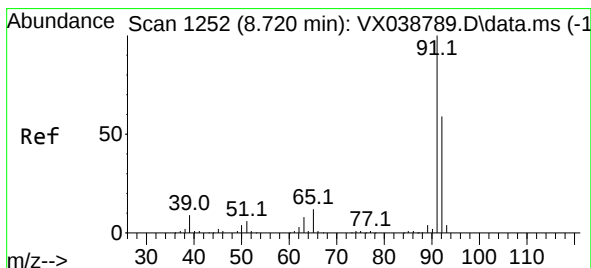
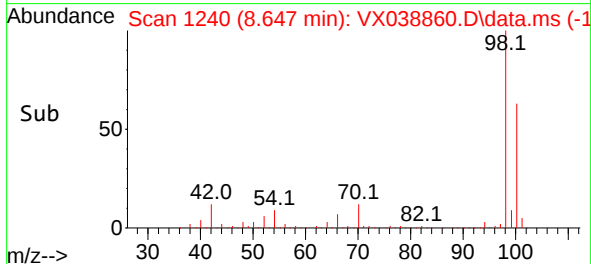
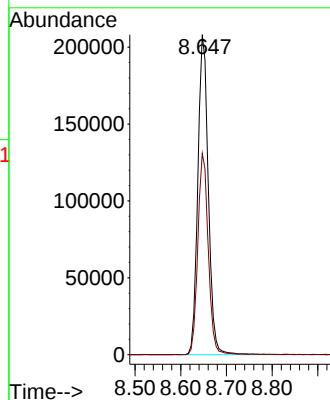
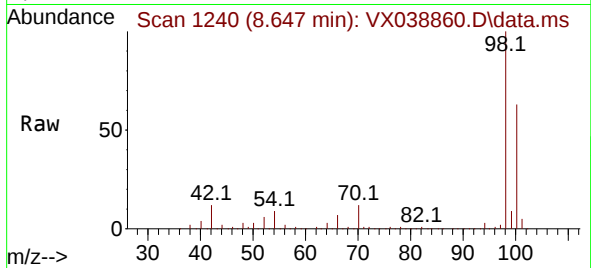




#50
Toluene-d8
Concen: 45.758 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038860.D
Acq: 16 Nov 2023 23:59

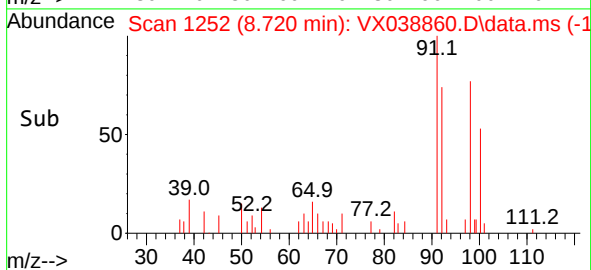
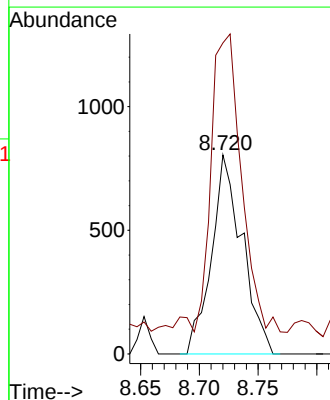
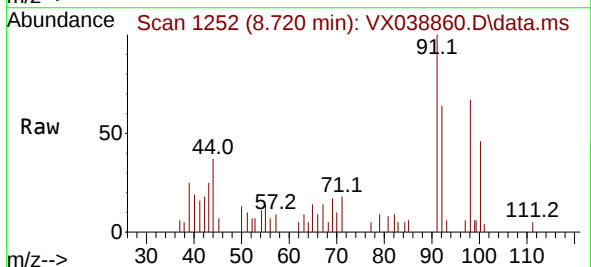
Instrument :
MSVOA_X
ClientSampleId :
DUP05-20231107

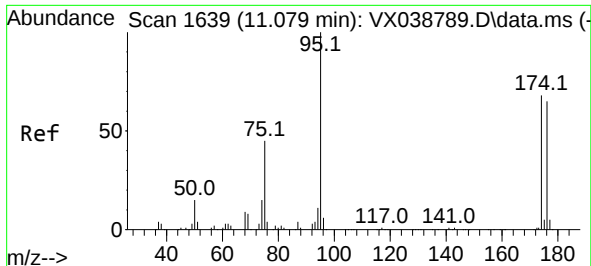
Tgt Ion: 98 Resp: 331463
Ion Ratio Lower Upper
98 100
100 62.7 53.1 79.7



#52
Toluene
Concen: 0.294 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX038860.D
Acq: 16 Nov 2023 23:59

Tgt Ion: 92 Resp: 1463
Ion Ratio Lower Upper
92 100
91 164.9 134.2 201.2

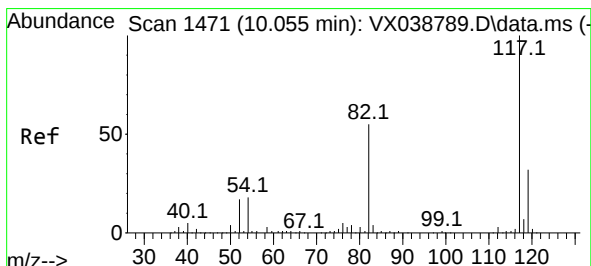
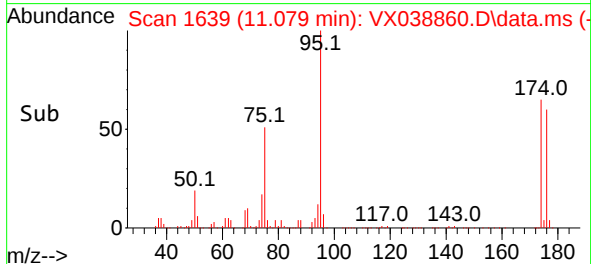
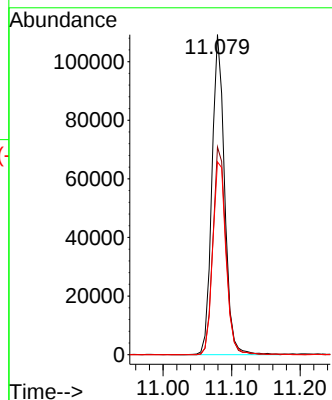
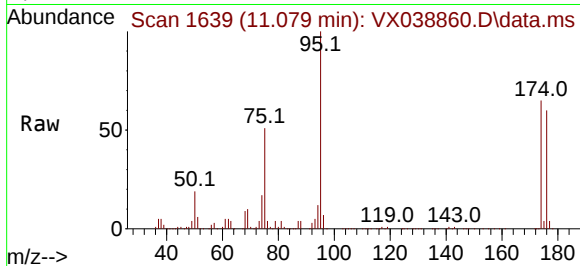




#62
4-Bromofluorobenzene
Concen: 48.455 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038860.D
Acq: 16 Nov 2023 23:59

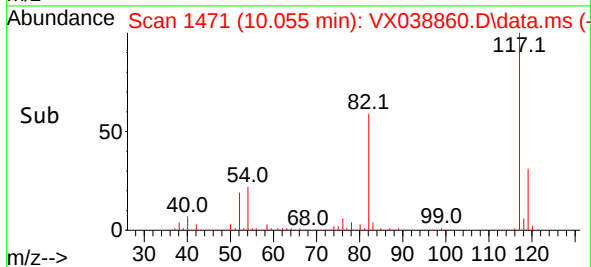
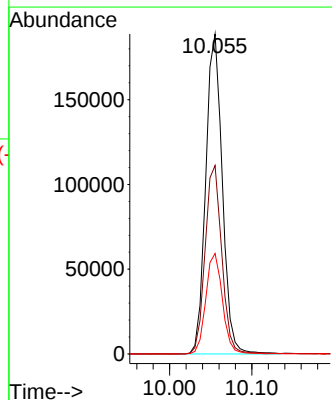
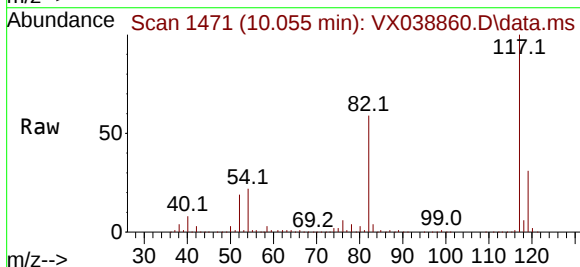
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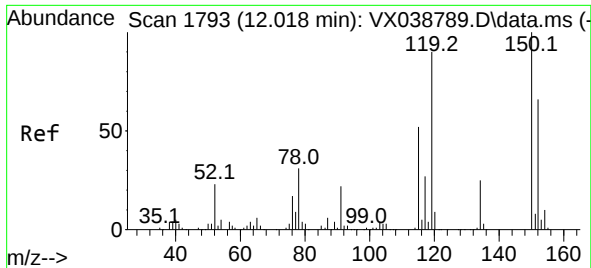
Tgt Ion: 95 Resp: 140509
Ion Ratio Lower Upper
95 100
174 66.6 0.0 135.6
176 63.6 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038860.D
Acq: 16 Nov 2023 23:59

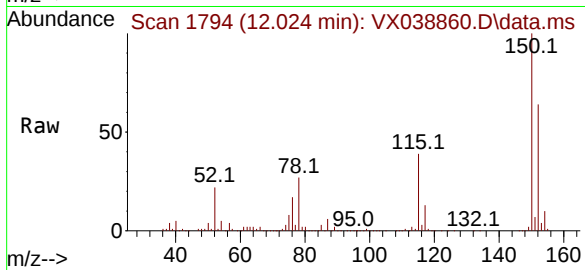
Tgt Ion: 117 Resp: 264296
Ion Ratio Lower Upper
117 100
82 58.9 46.2 69.4
119 31.4 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX038860.D
 Acq: 16 Nov 2023 23:59

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Tgt Ion:152 Resp: 131188
 Ion Ratio Lower Upper
 152 100
 115 64.2 43.3 129.9
 150 159.0 0.0 345.0

