

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062424\
 Data File : VX042002.D
 Acq On : 24 Jun 2024 14:14
 Operator : JC/MD
 Sample : P3002-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-196-GW-580-582

Quant Time: Jun 24 17:03:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	134783	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	200459	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	190843	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86072	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63457	40.829	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	81.660%
35) Dibromofluoromethane	5.385	113	51972	36.539	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	73.080%#
50) Toluene-d8	8.647	98	235800	47.190	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.380%
62) 4-Bromofluorobenzene	11.079	95	80013	43.439	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.880%

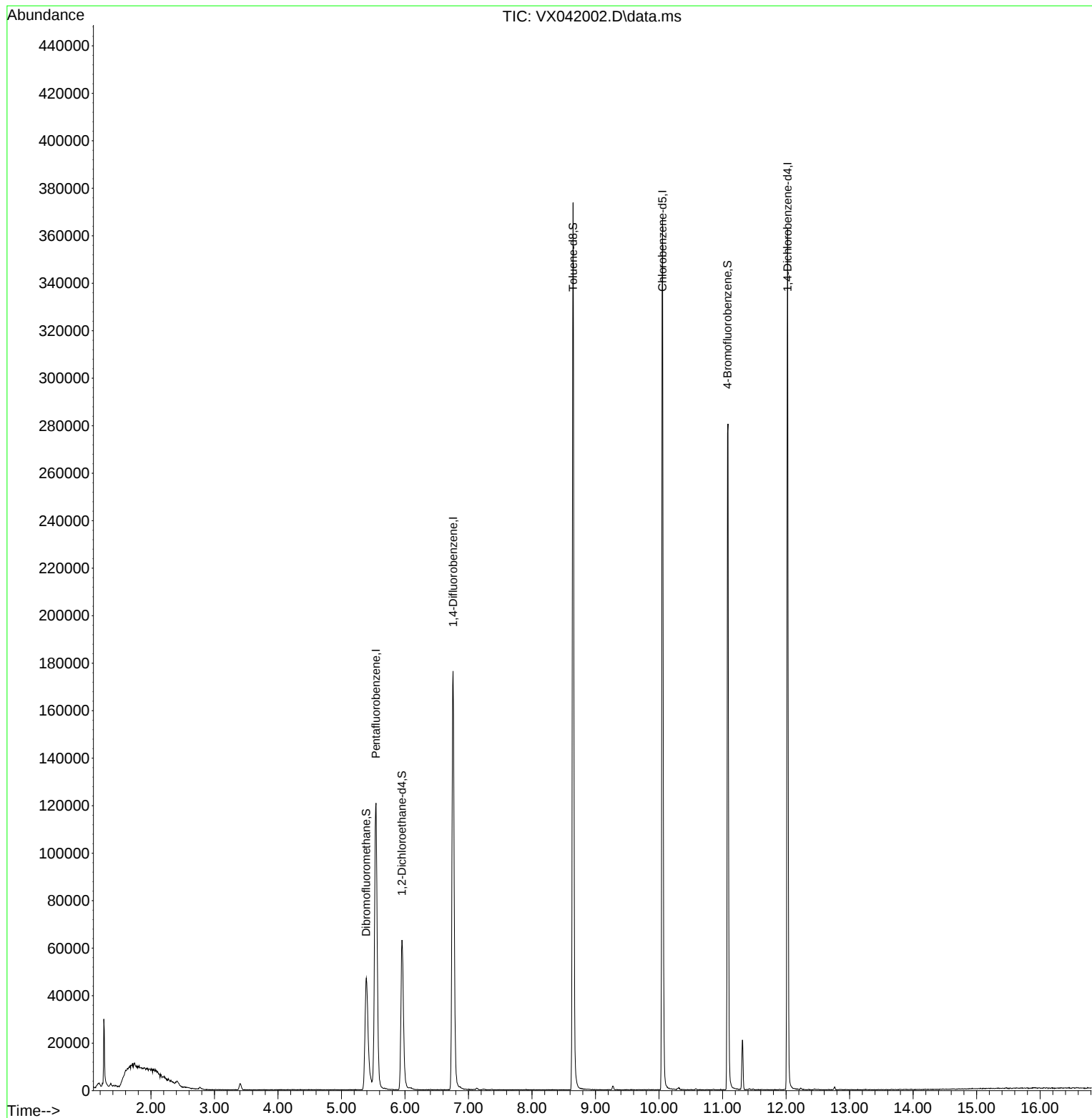
Target Compounds Qvalue

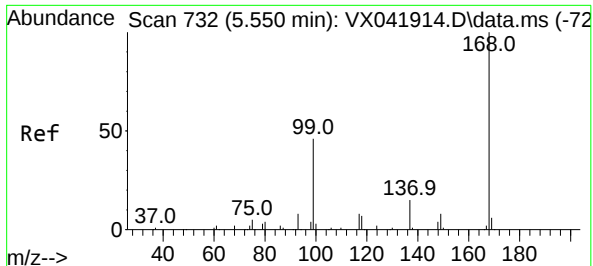
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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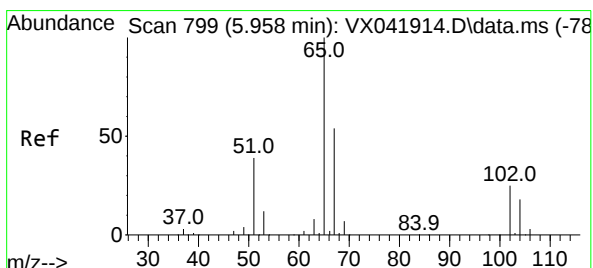
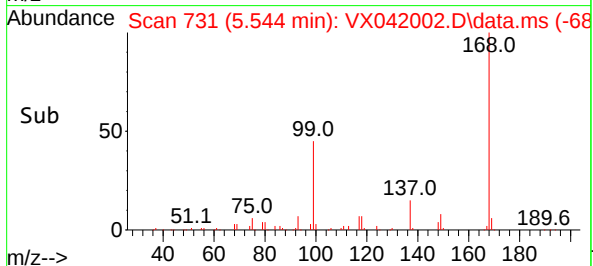
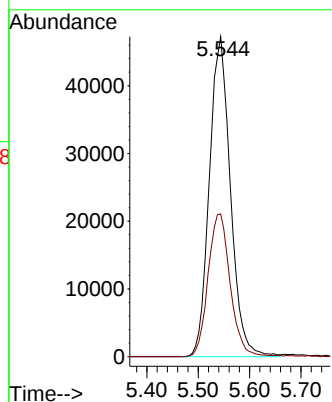
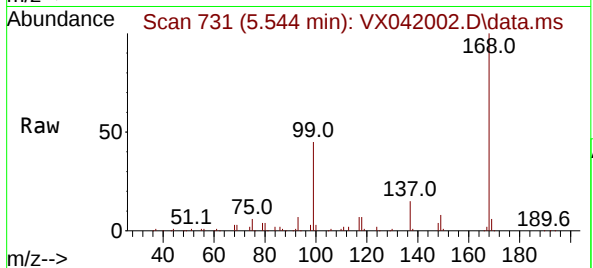




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX042002.D
Acq: 24 Jun 2024 14:14

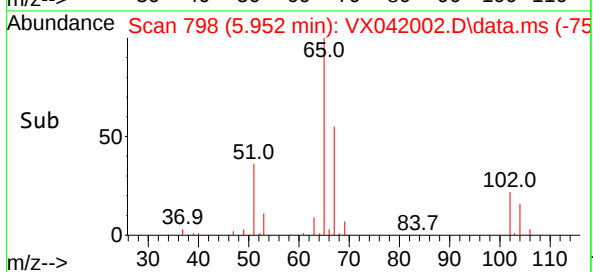
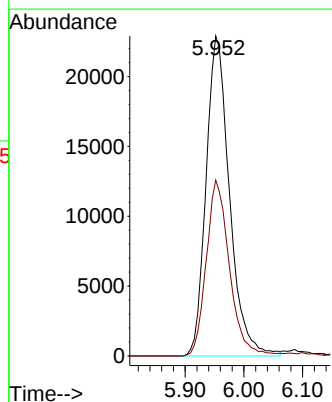
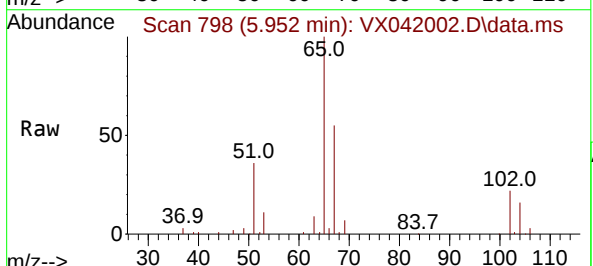
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-196-GW-580-582

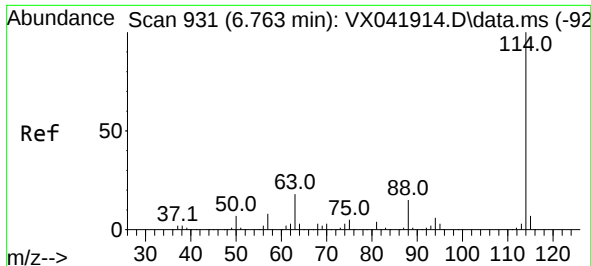
Tgt Ion:168 Resp: 134783
Ion Ratio Lower Upper
168 100
99 44.6 56.6 85.0#



#33
1,2-Dichloroethane-d4
Concen: 40.829 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX042002.D
Acq: 24 Jun 2024 14:14

Tgt Ion: 65 Resp: 63457
Ion Ratio Lower Upper
65 100
67 54.2 0.0 100.2

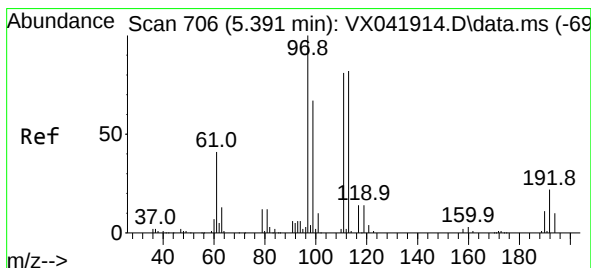
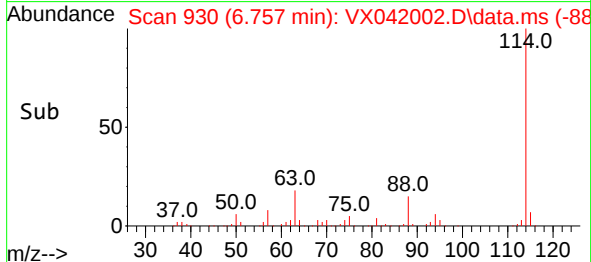
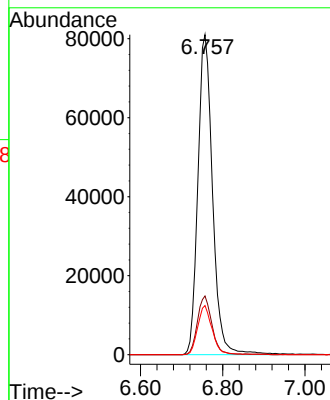
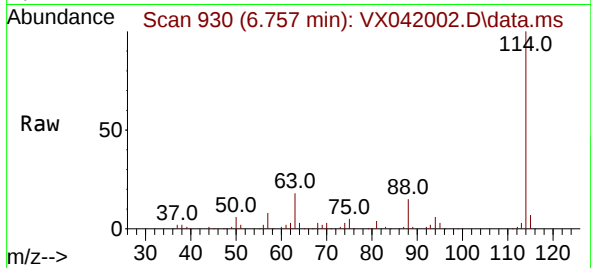




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX042002.D
Acq: 24 Jun 2024 14:14

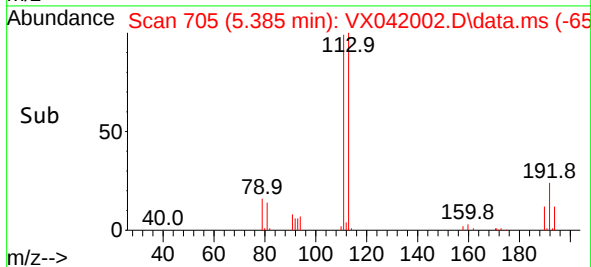
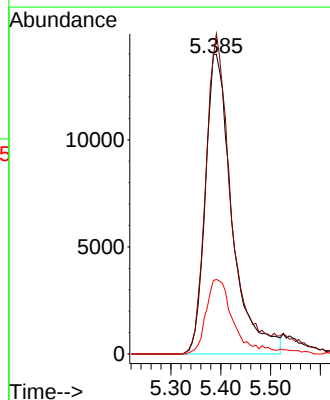
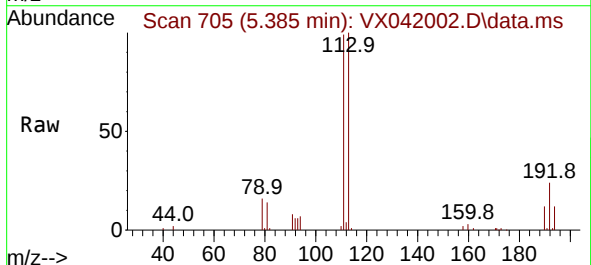
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-196-GW-580-582

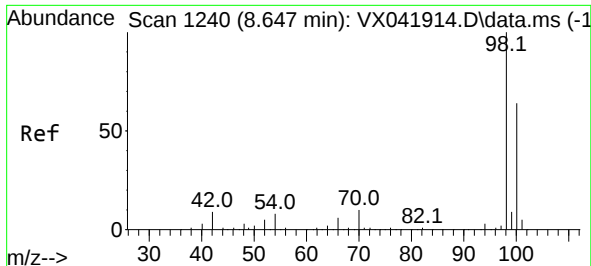
Tgt Ion:114 Resp: 200459
Ion Ratio Lower Upper
114 100
63 18.4 0.0 45.0
88 15.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 36.539 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX042002.D
Acq: 24 Jun 2024 14:14

Tgt Ion:113 Resp: 51972
Ion Ratio Lower Upper
113 100
111 101.3 82.9 124.3
192 24.3 13.3 19.9#

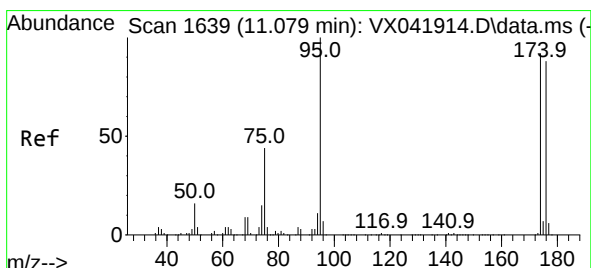
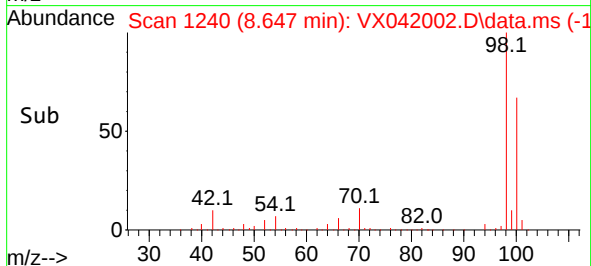
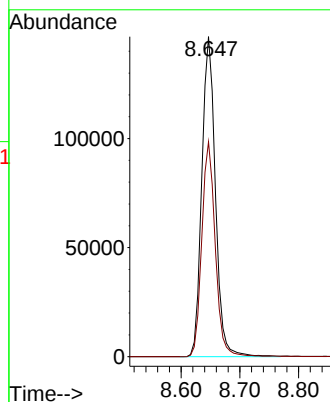
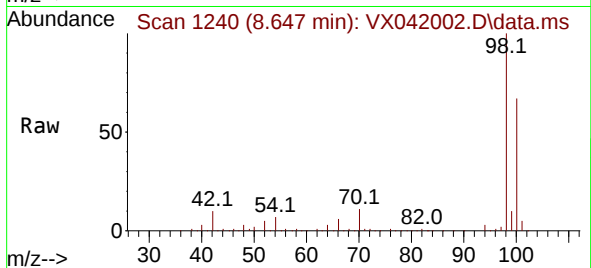




#50
Toluene-d8
Concen: 47.190 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX042002.D
Acq: 24 Jun 2024 14:14

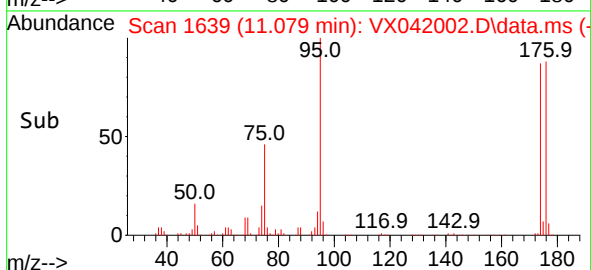
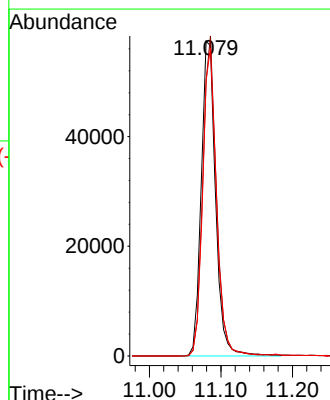
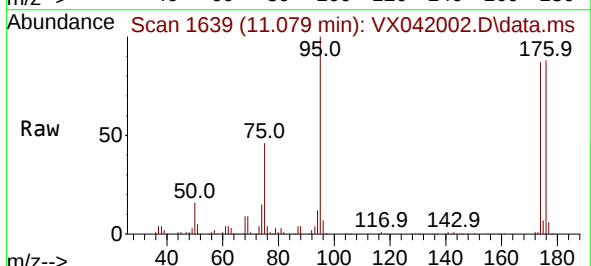
Instrument :
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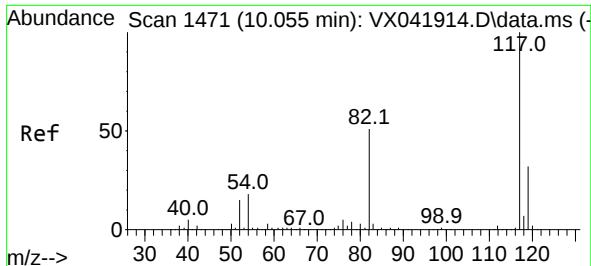
Tgt Ion: 98 Resp: 235800
Ion Ratio Lower Upper
98 100
100 66.5 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 43.439 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX042002.D
Acq: 24 Jun 2024 14:14

Tgt Ion: 95 Resp: 80013
Ion Ratio Lower Upper
95 100
174 97.5 0.0 135.6
176 94.2 0.0 131.0

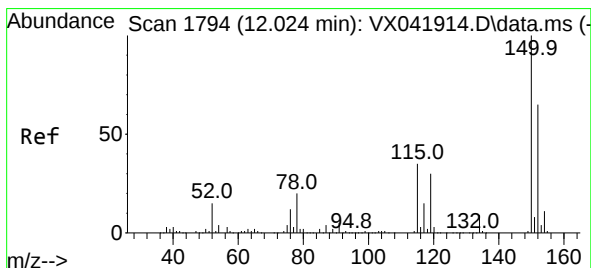
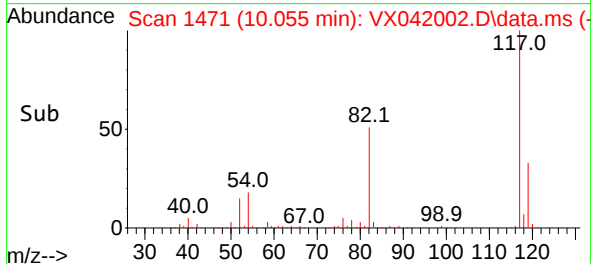
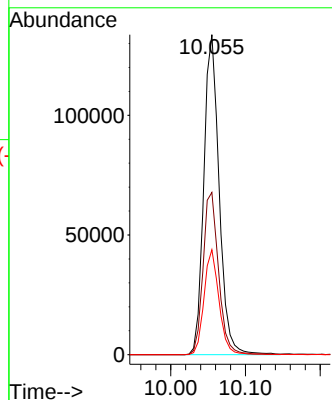
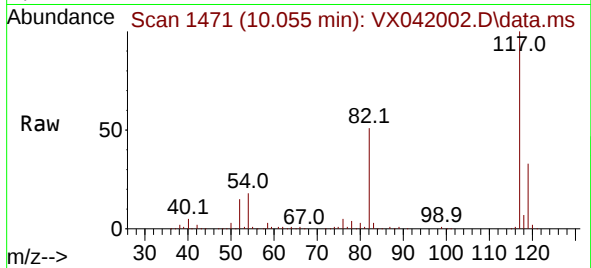




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX042002.D
Acq: 24 Jun 2024 14:14

Instrument :
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ClientSampleId :
BP-VPB-196-GW-580-582

Tgt Ion:117 Resp: 190843
Ion Ratio Lower Upper
117 100
82 50.7 46.2 69.4
119 32.8 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: VX042002.D
Acq: 24 Jun 2024 14:14

Tgt Ion:152 Resp: 86072
Ion Ratio Lower Upper
152 100
115 53.6 43.3 129.9
150 156.7 0.0 345.0

