

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070723\
 Data File : VX036461.D
 Acq On : 07 Jul 2023 15:28
 Operator : JC/MD
 Sample : 03552-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Quant Time: Jul 07 23:06:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 15:03:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	167345	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	285510	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	263929	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	117913	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	109650	45.711	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.420%
35) Dibromofluoromethane	5.391	113	88499	47.010	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.020%
50) Toluene-d8	8.653	98	347220	49.381	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.760%
62) 4-Bromofluorobenzene	11.079	95	123672	49.934	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.860%

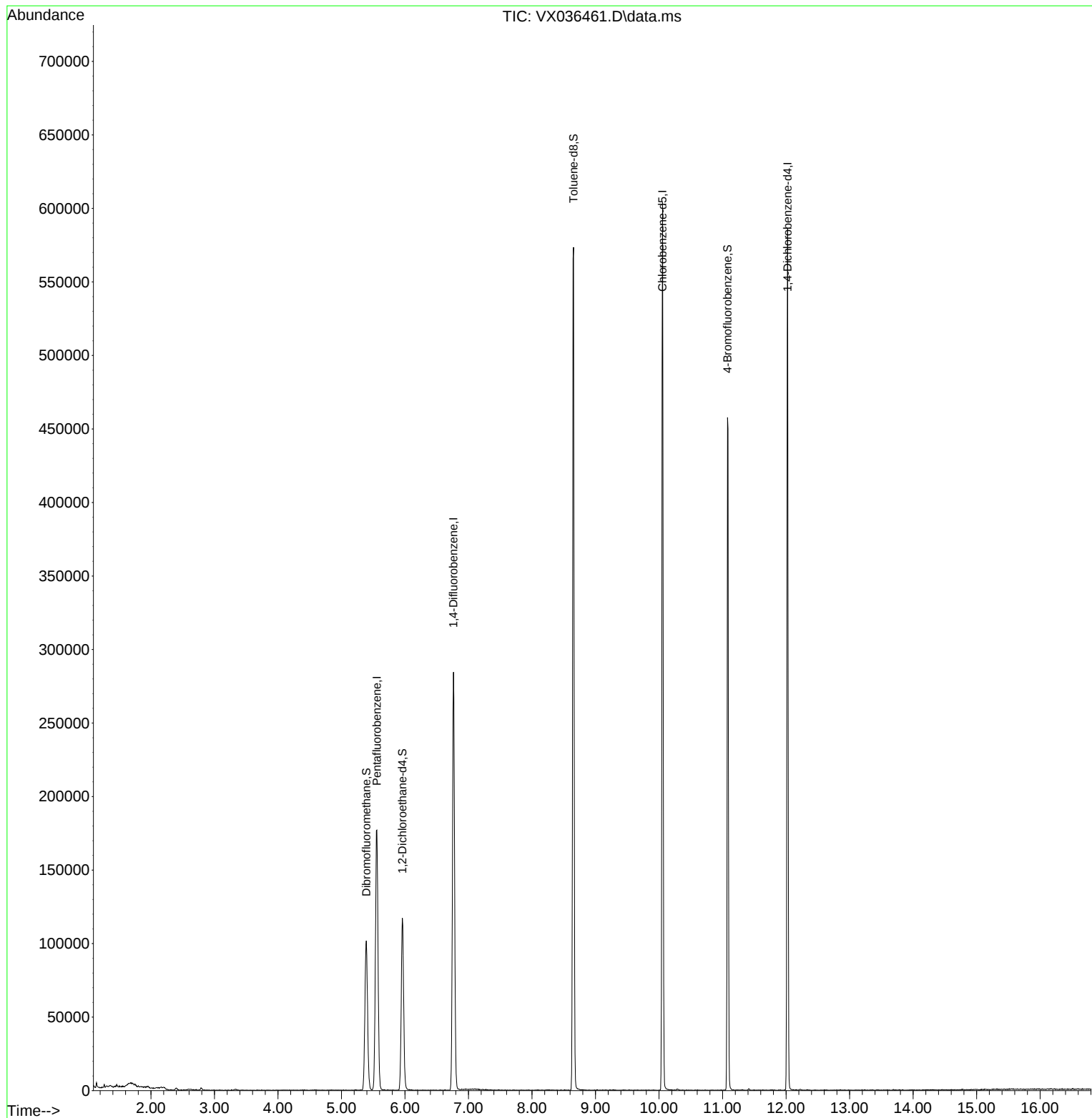
Target Compounds	Qvalue

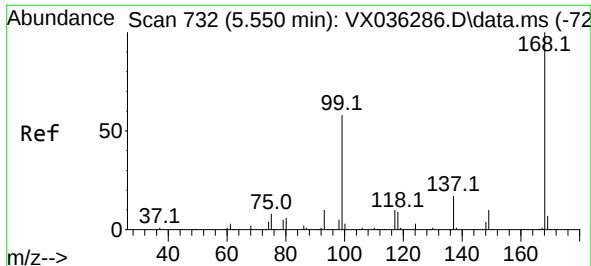
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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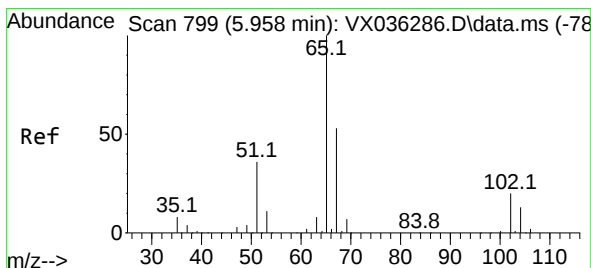
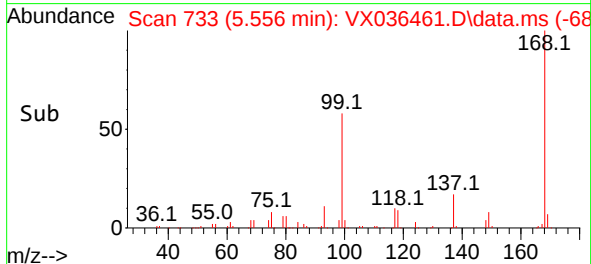
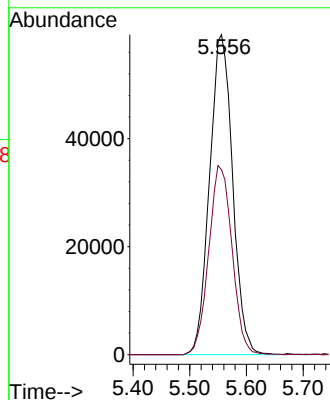
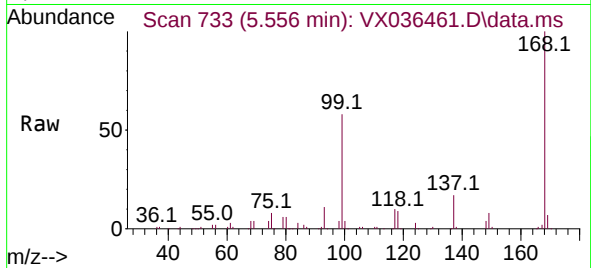




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. 0.007 min
Lab File: VX036461.D
Acq: 07 Jul 2023 15:28

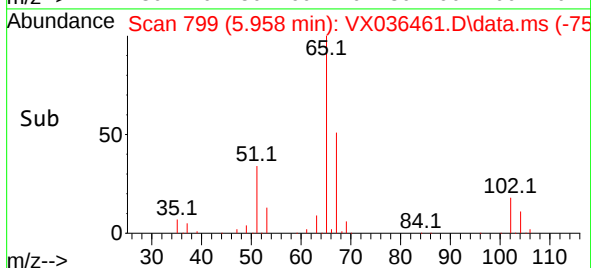
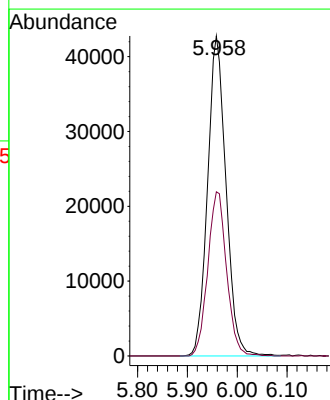
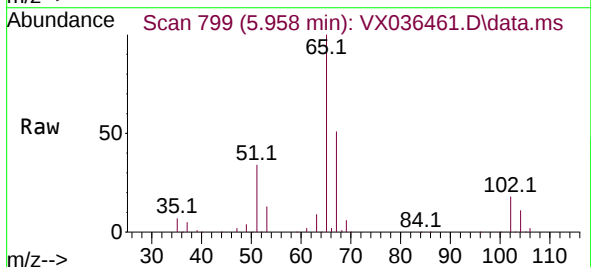
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

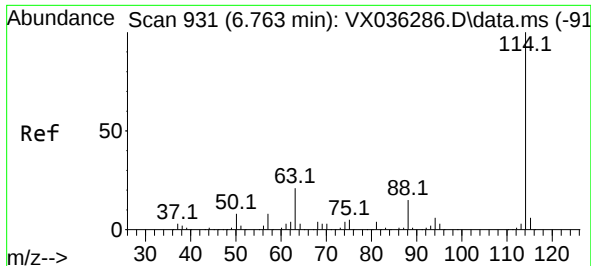
Tgt Ion:168 Resp: 167345
Ion Ratio Lower Upper
168 100
99 57.8 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 45.711 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX036461.D
Acq: 07 Jul 2023 15:28

Tgt Ion: 65 Resp: 109650
Ion Ratio Lower Upper
65 100
67 52.3 0.0 100.2

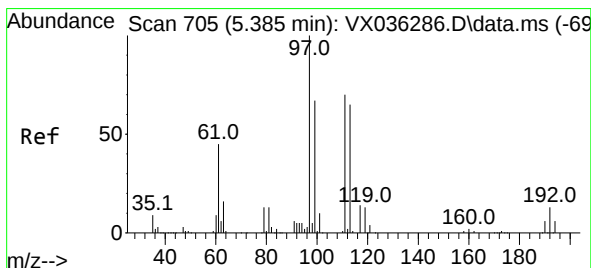
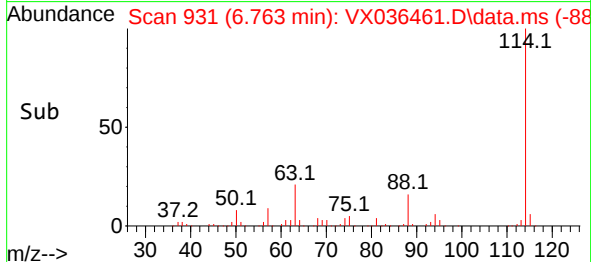
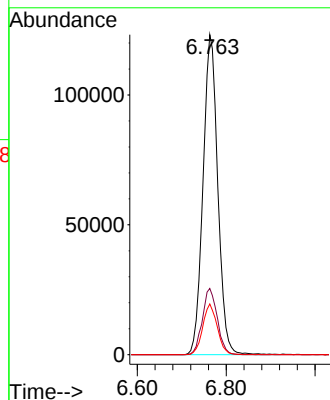
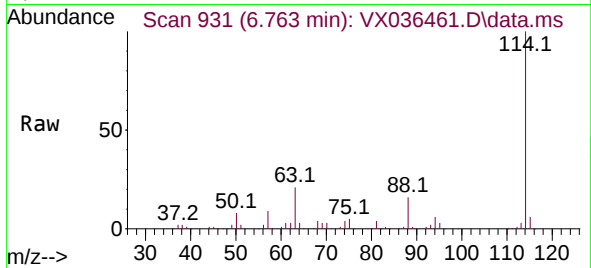




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX036461.D
Acq: 07 Jul 2023 15:28

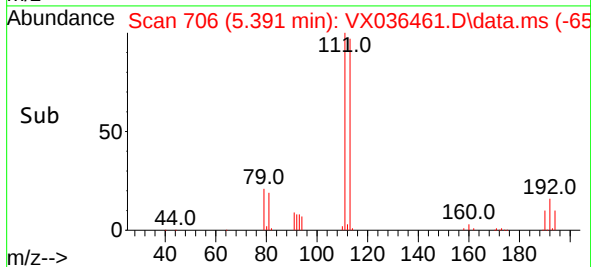
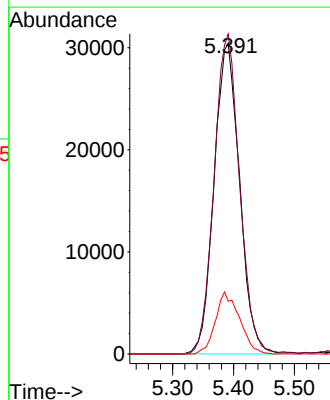
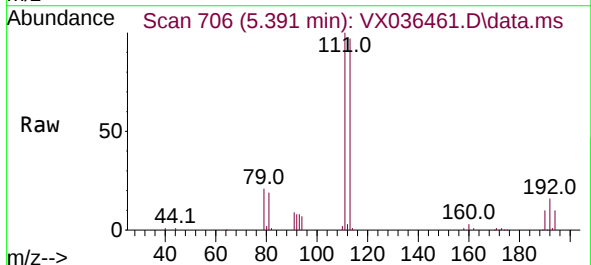
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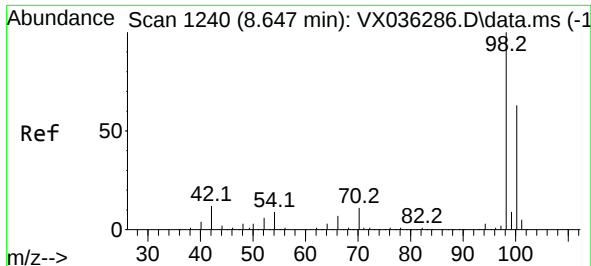
Tgt Ion:114 Resp: 285510
Ion Ratio Lower Upper
114 100
63 20.7 0.0 45.0
88 15.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.010 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX036461.D
Acq: 07 Jul 2023 15:28

Tgt Ion:113 Resp: 88499
Ion Ratio Lower Upper
113 100
111 102.7 82.9 124.3
192 18.8 13.3 19.9

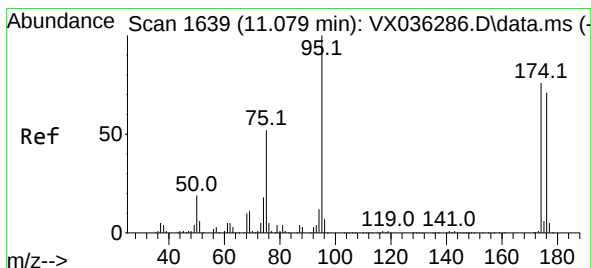
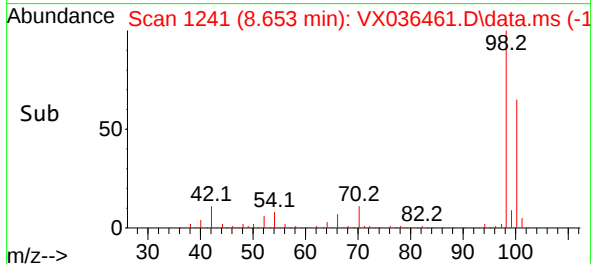
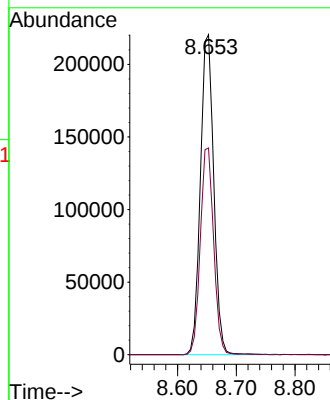
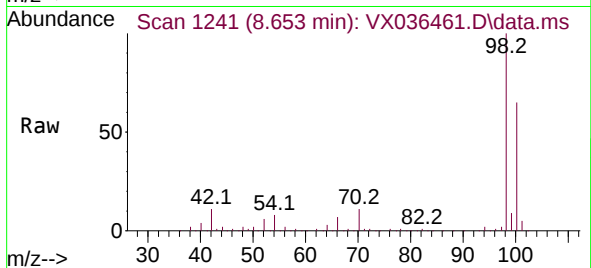




#50
Toluene-d8
Concen: 49.381 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX036461.D
Acq: 07 Jul 2023 15:28

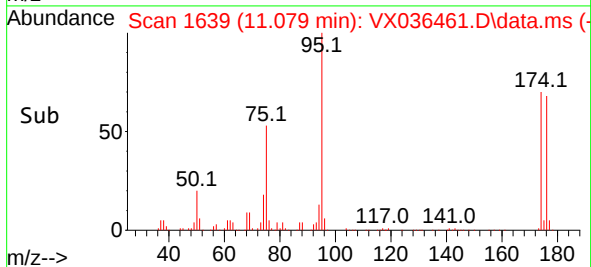
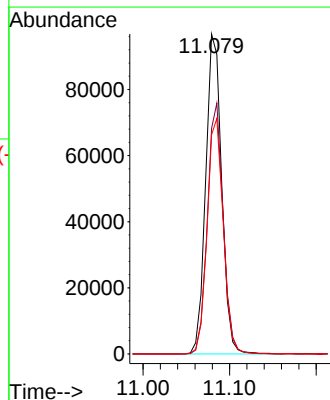
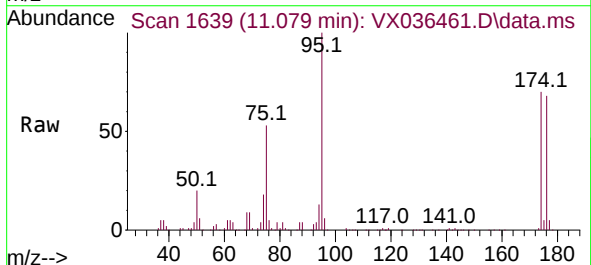
Instrument :
MSVOA_X
ClientSampleId :
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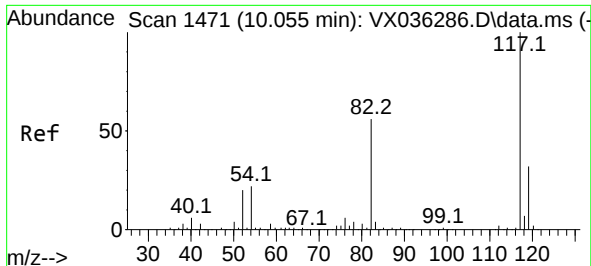
Tgt Ion: 98 Resp: 347220
Ion Ratio Lower Upper
98 100
100 64.6 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 49.934 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036461.D
Acq: 07 Jul 2023 15:28

Tgt Ion: 95 Resp: 123672
Ion Ratio Lower Upper
95 100
174 77.7 0.0 135.6
176 74.3 0.0 131.0

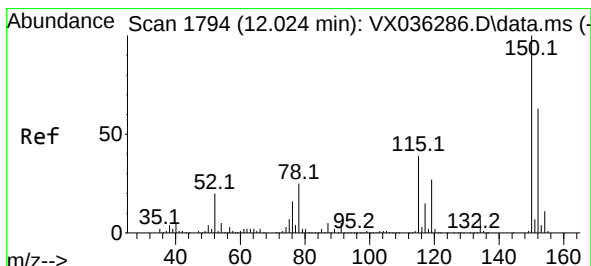
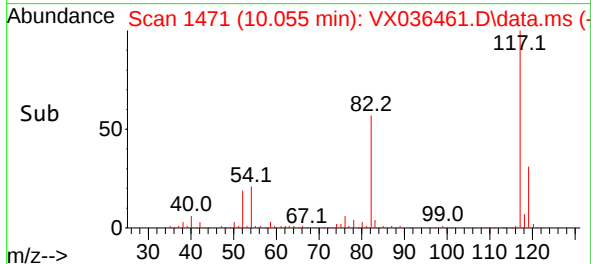
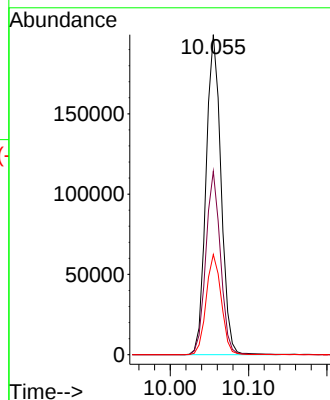
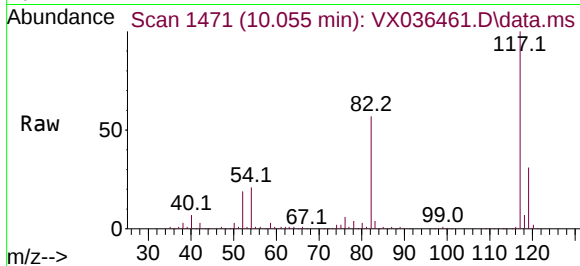




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036461.D
Acq: 07 Jul 2023 15:28

Instrument :
MSVOA_X
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STORAGE-BLANK-WATER-REF-4

Tgt Ion:	117	Resp:	263929
Ion	Ratio	Lower	Upper
117	100		
82	57.3	46.2	69.4
119	31.3	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: VX036461.D
Acq: 07 Jul 2023 15:28

Tgt Ion:	152	Resp:	117913
Ion	Ratio	Lower	Upper
152	100		
115	59.9	43.3	129.9
150	158.5	0.0	345.0

