

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070723\
 Data File : VX036459.D
 Acq On : 07 Jul 2023 14:40
 Operator : JC/MD
 Sample : 03552-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

Quant Time: Jul 07 23:05:47 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	154089	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	263688	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	240049	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	108717	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	100663	45.574	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.140%
35) Dibromofluoromethane	5.397	113	82098	47.218	ug/l	0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.440%
50) Toluene-d8	8.653	98	320173	49.303	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.600%
62) 4-Bromofluorobenzene	11.079	95	112798	49.313	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.620%

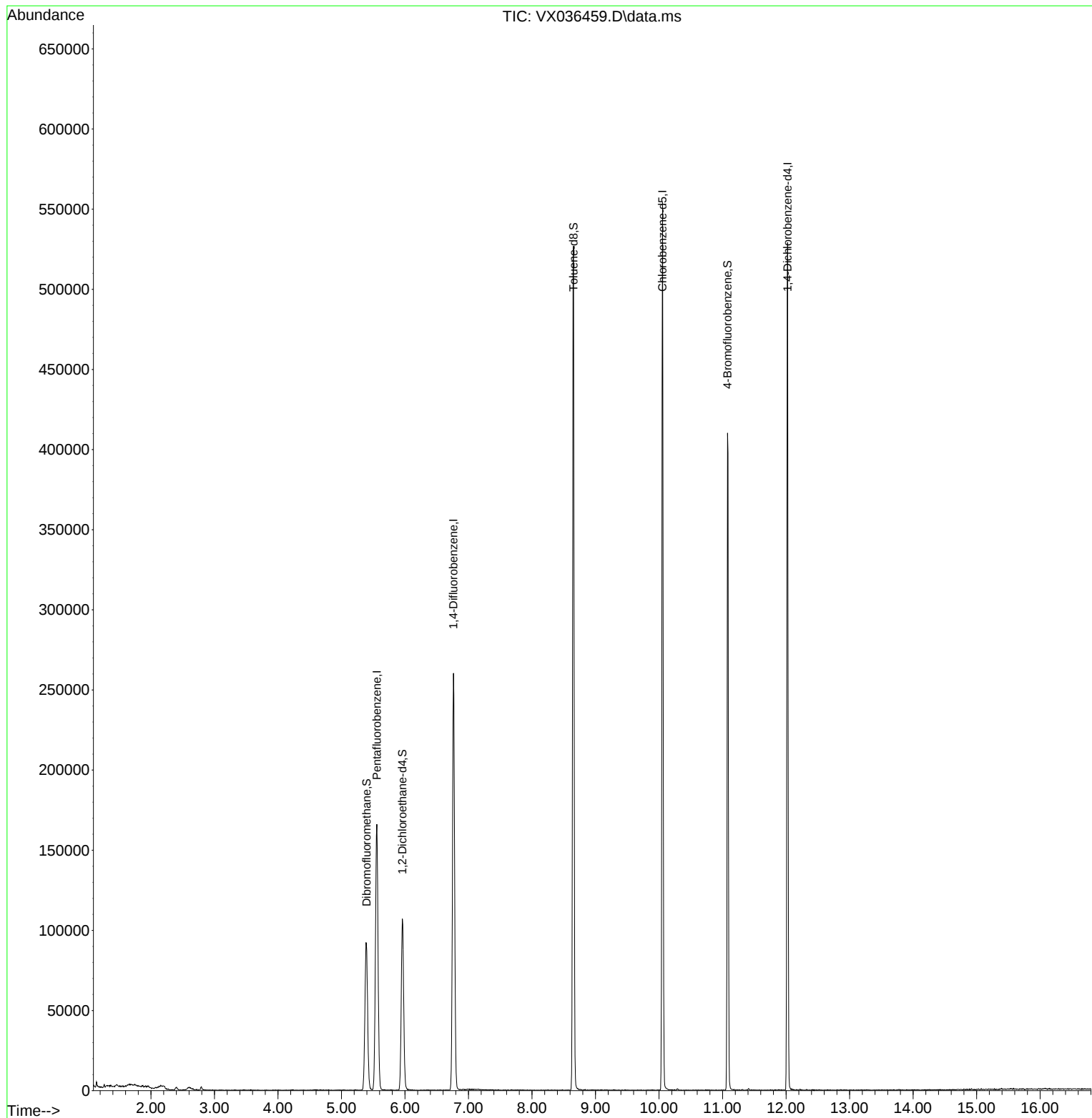
Target Compounds	Qvalue

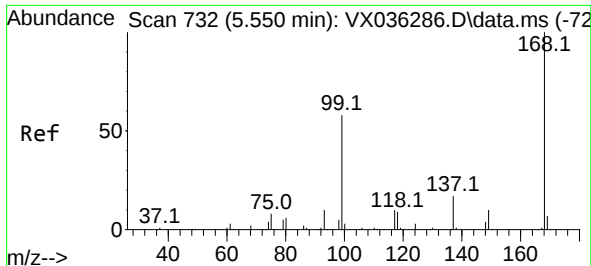
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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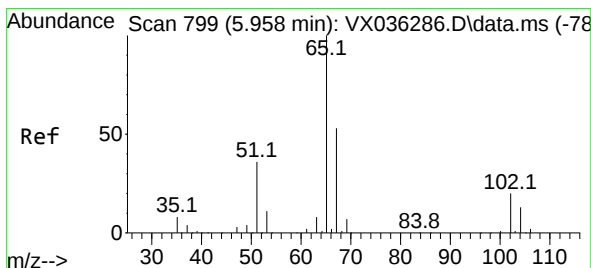
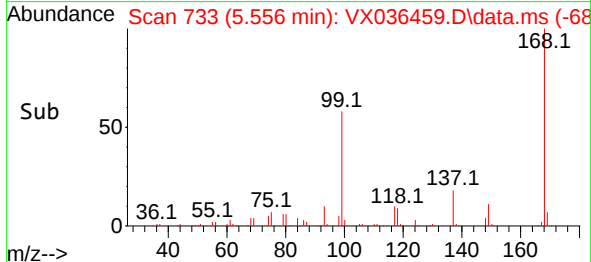
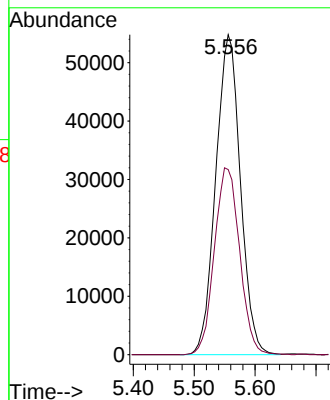
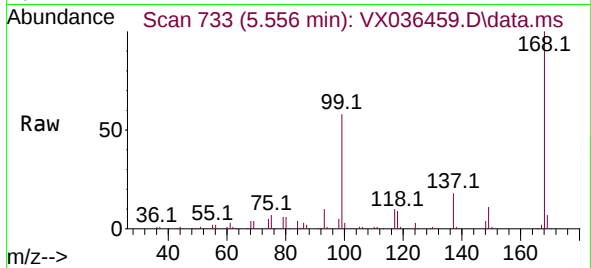




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. 0.007 min
Lab File: VX036459.D
Acq: 07 Jul 2023 14:40

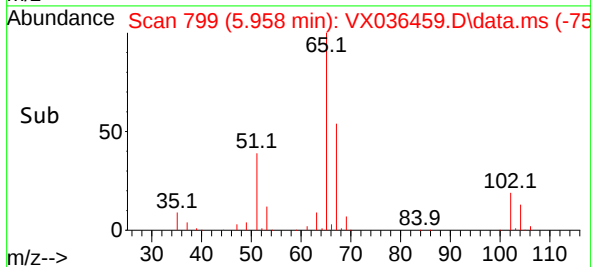
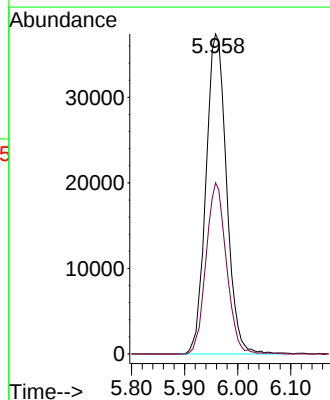
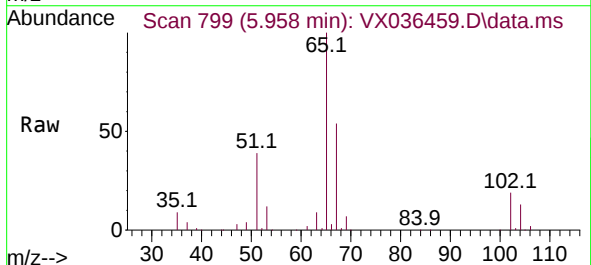
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

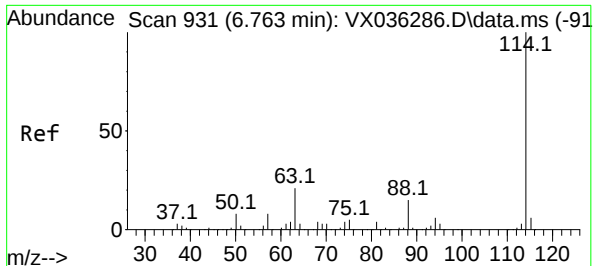
Tgt Ion:168 Resp: 154089
Ion Ratio Lower Upper
168 100
99 57.8 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 45.574 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX036459.D
Acq: 07 Jul 2023 14:40

Tgt Ion: 65 Resp: 100663
Ion Ratio Lower Upper
65 100
67 53.0 0.0 100.2

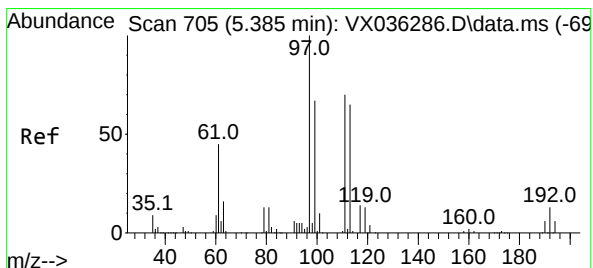
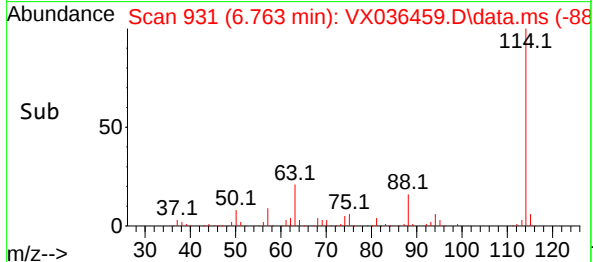
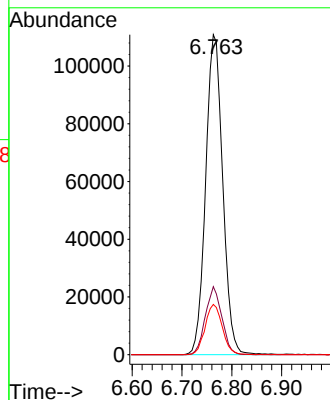
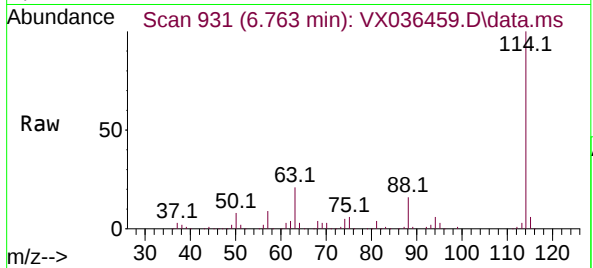




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX036459.D
Acq: 07 Jul 2023 14:40

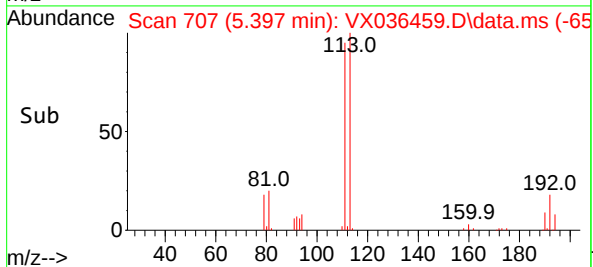
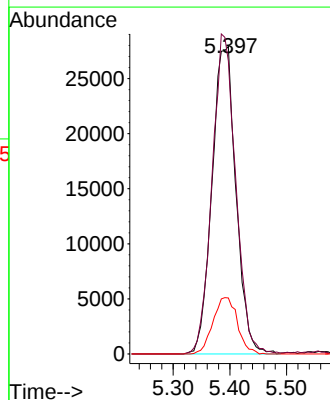
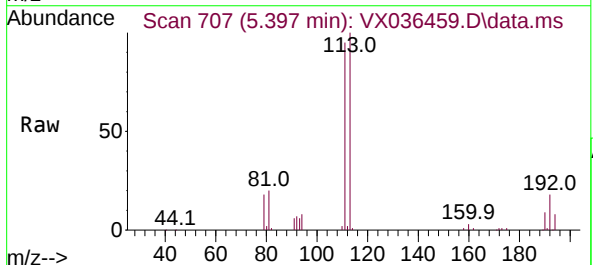
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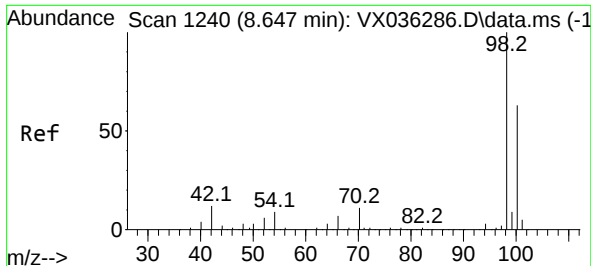
Tgt Ion:114 Resp: 263688
Ion Ratio Lower Upper
114 100
63 21.2 0.0 45.0
88 15.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.218 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.012 min
Lab File: VX036459.D
Acq: 07 Jul 2023 14:40

Tgt Ion:113 Resp: 82098
Ion Ratio Lower Upper
113 100
111 102.2 82.9 124.3
192 18.6 13.3 19.9

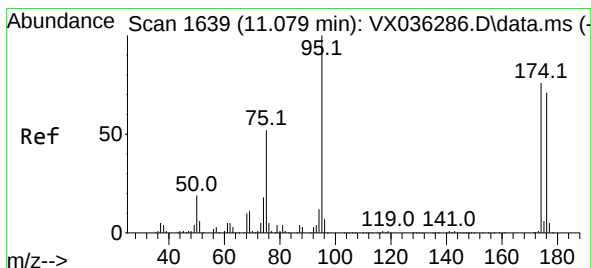
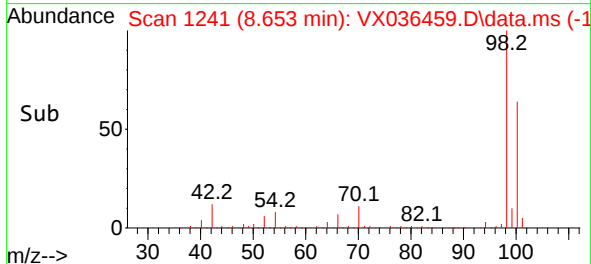
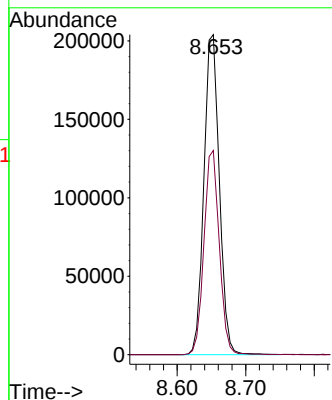
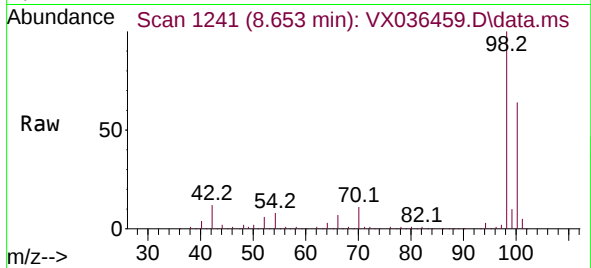




#50
Toluene-d8
Concen: 49.303 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.007 min
Lab File: VX036459.D
Acq: 07 Jul 2023 14:40

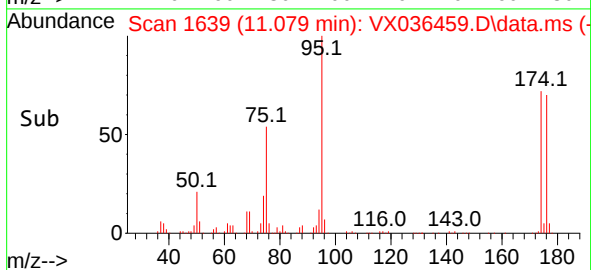
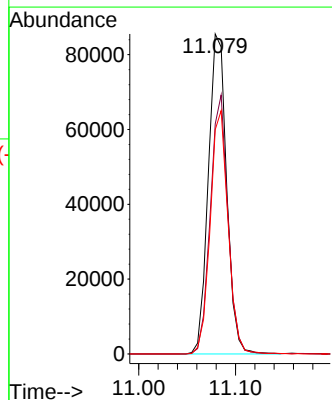
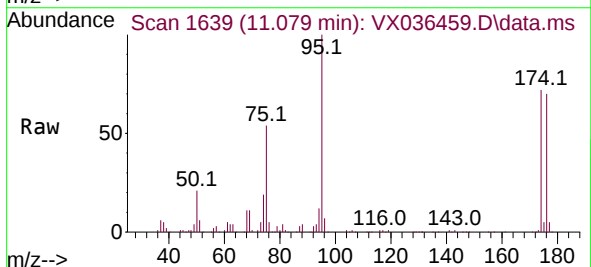
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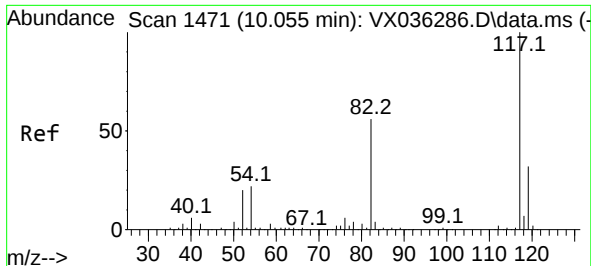
Tgt Ion: 98 Resp: 320173
Ion Ratio Lower Upper
98 100
100 63.4 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 49.313 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036459.D
Acq: 07 Jul 2023 14:40

Tgt Ion: 95 Resp: 112798
Ion Ratio Lower Upper
95 100
174 77.6 0.0 135.6
176 74.2 0.0 131.0

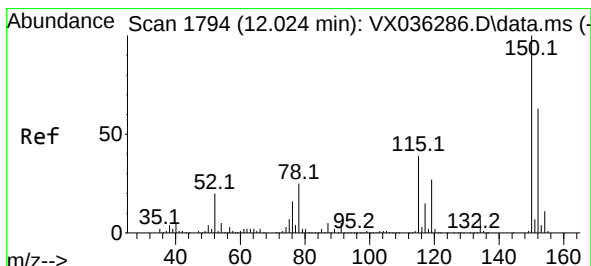
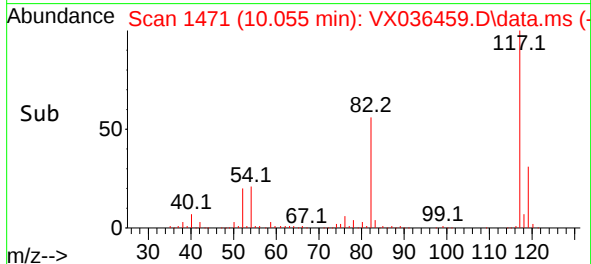
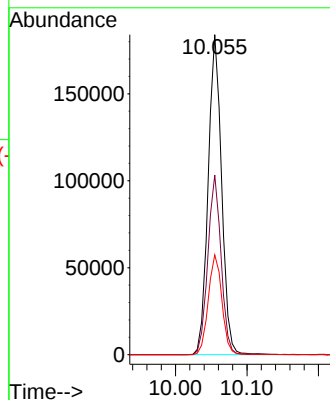
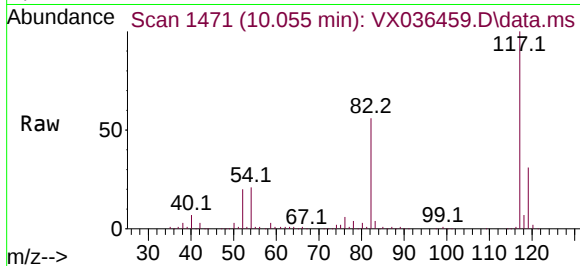




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036459.D
Acq: 07 Jul 2023 14:40

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Tgt Ion:	117	Resp:	240049
Ion	Ratio	Lower	Upper
117	100		
82	56.2	46.2	69.4
119	31.2	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: VX036459.D
Acq: 07 Jul 2023 14:40

Tgt Ion:	152	Resp:	108717
Ion	Ratio	Lower	Upper
152	100		
115	59.6	43.3	129.9
150	157.9	0.0	345.0

