

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080223\
 Data File : VX036782.D
 Acq On : 02 Aug 2023 19:53
 Operator : JC/MD
 Sample : 03872-02 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 50109

Quant Time: Aug 03 07:31:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

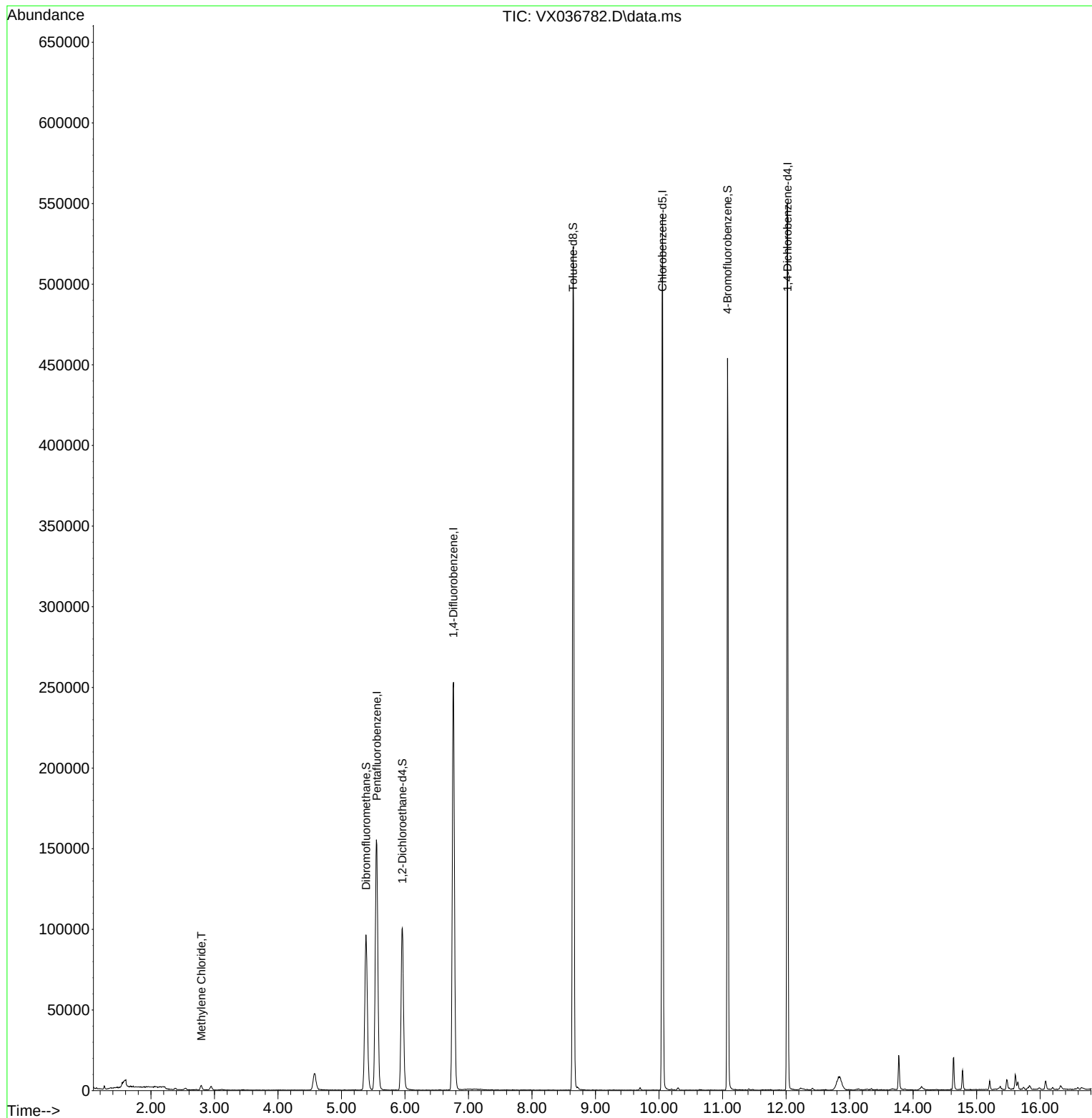
Internal Standards						
1) Pentafluorobenzene	5.556	168	144960	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	264562	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	245590	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	113302	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	98695	46.014	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.020%		
35) Dibromofluoromethane	5.385	113	83625	45.987	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.980%		
50) Toluene-d8	8.647	98	315609	48.942	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.880%		
62) 4-Bromofluorobenzene	11.079	95	120936	49.707	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.420%		
Target Compounds						
20) Methylene Chloride	2.794	84	1456	0.736	ug/l	85

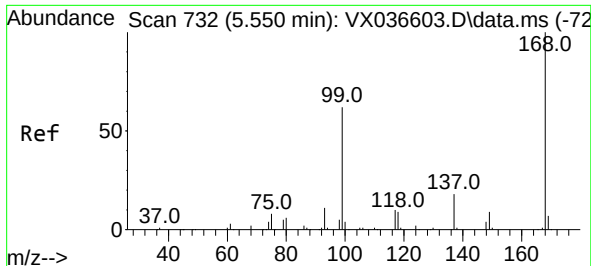
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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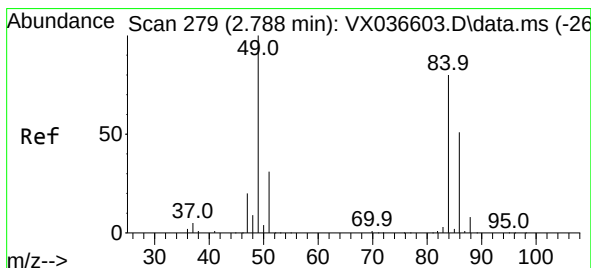
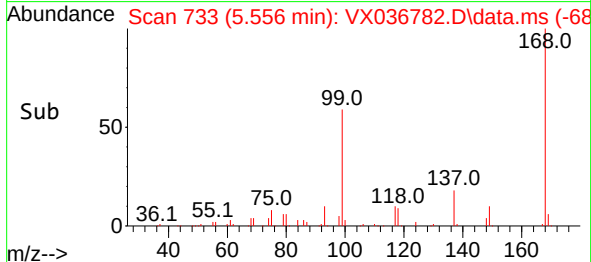
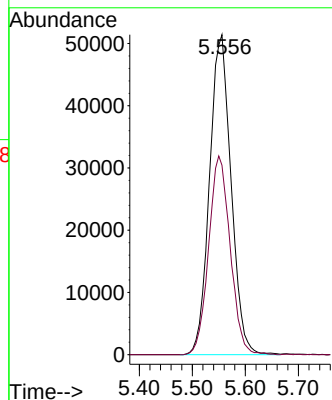
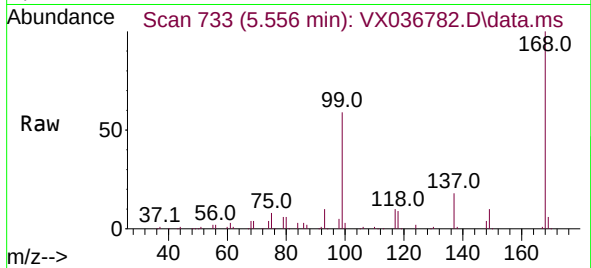




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036782.D
Acq: 02 Aug 2023 19:53

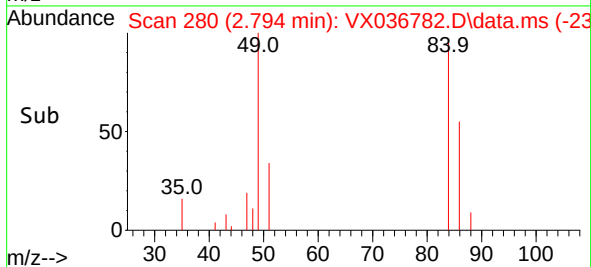
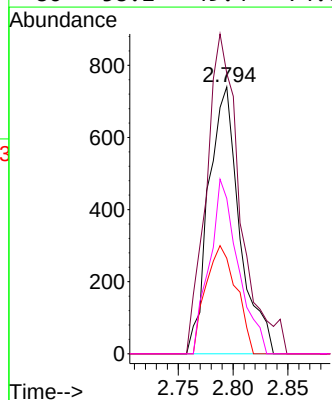
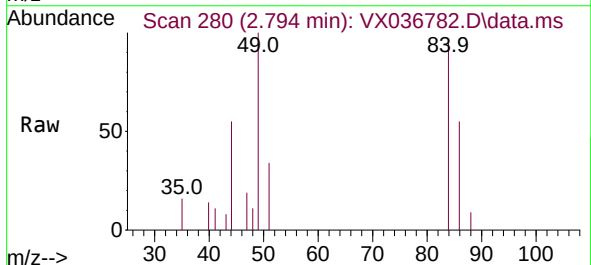
Instrument :
MSVOA_X
ClientSampleId :
50109

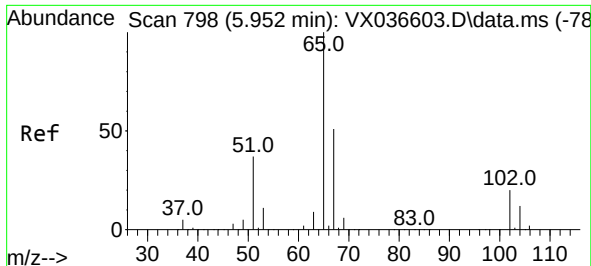
Tgt Ion:168 Resp: 144960
Ion Ratio Lower Upper
168 100
99 59.2 56.6 85.0



#20
Methylene Chloride
Concen: 0.736 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX036782.D
Acq: 02 Aug 2023 19:53

Tgt Ion: 84 Resp: 1456
Ion Ratio Lower Upper
84 100
49 105.1 103.6 155.4
51 35.8 33.8 50.6
86 58.2 49.4 74.0

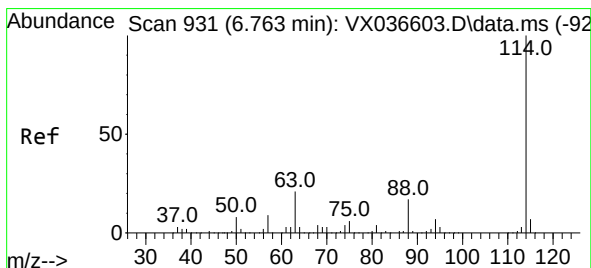
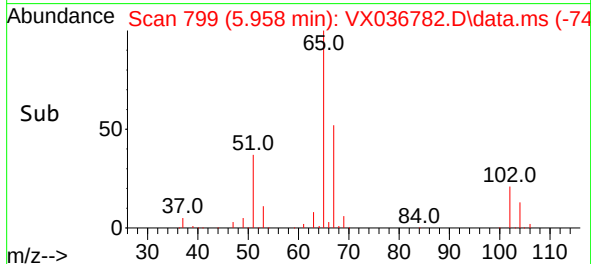
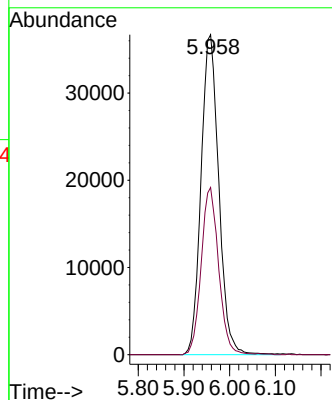
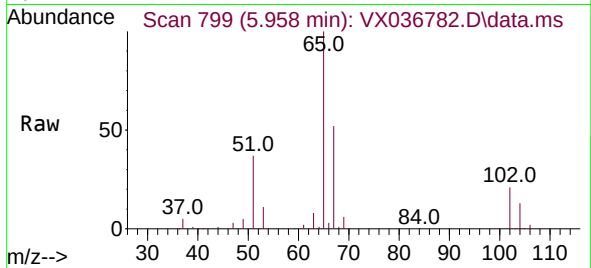




#33
 1,2-Dichloroethane-d4
 Concen: 46.014 ug/l
 RT: 5.958 min Scan# 798
 Delta R.T. 0.006 min
 Lab File: VX036782.D
 Acq: 02 Aug 2023 19:53

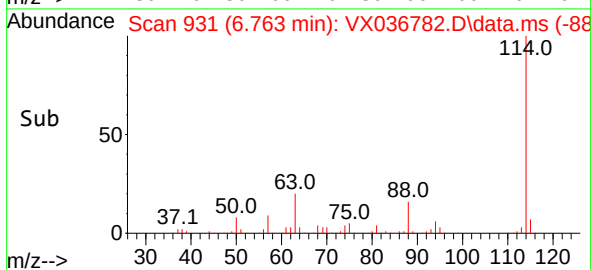
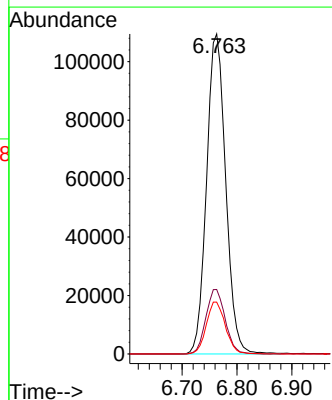
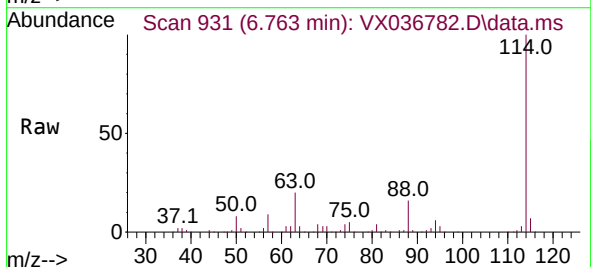
Instrument :
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 50109

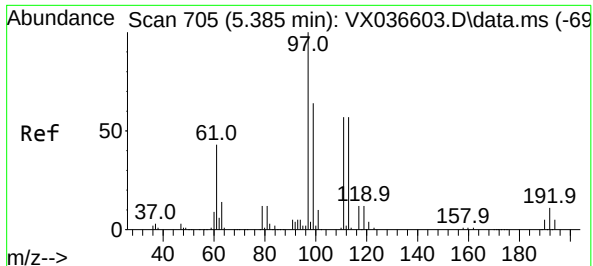
Tgt Ion: 65 Resp: 98695
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX036782.D
 Acq: 02 Aug 2023 19:53

Tgt Ion: 114 Resp: 264562
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 45.0
 88 16.2 0.0 36.6

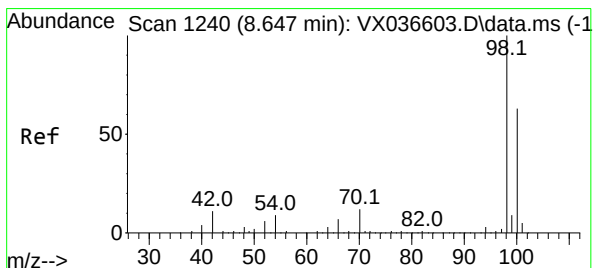
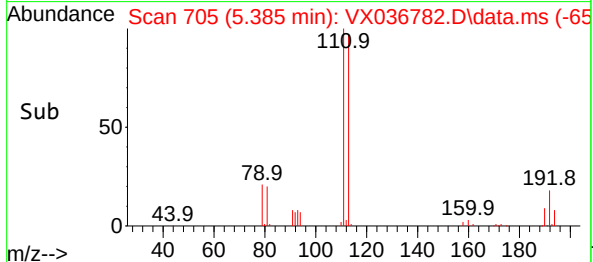
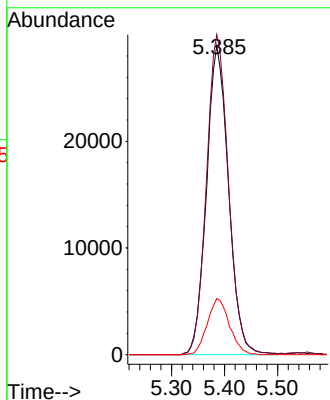
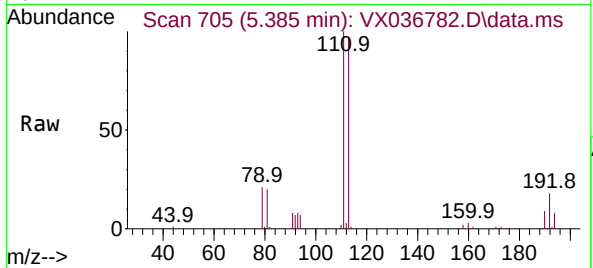




#35
Dibromofluoromethane
Concen: 45.987 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX036782.D
Acq: 02 Aug 2023 19:53

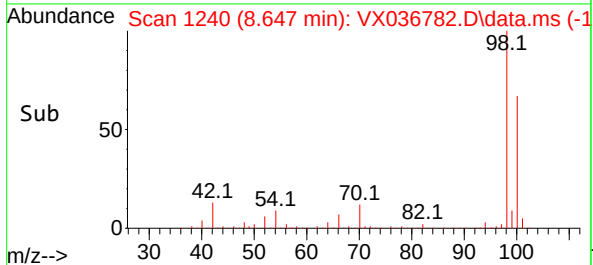
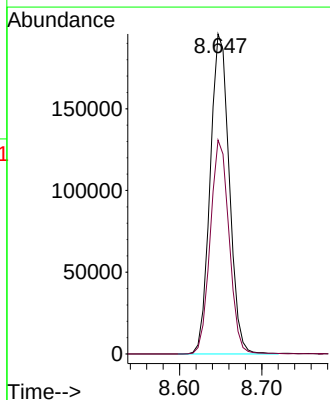
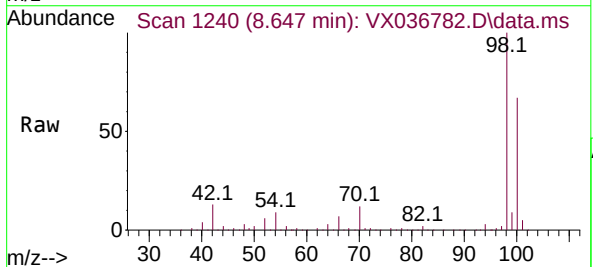
Instrument :
MSVOA_X
ClientSampleId :
50109

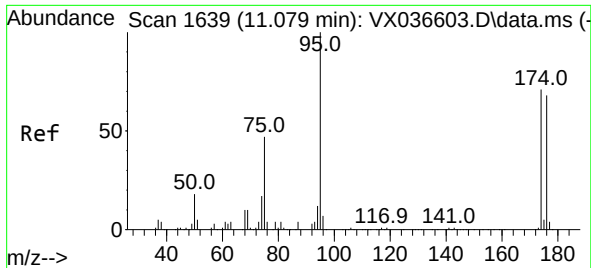
Tgt Ion:113 Resp: 83625
Ion Ratio Lower Upper
113 100
111 103.6 82.9 124.3
192 18.3 13.3 19.9



#50
Toluene-d8
Concen: 48.942 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX036782.D
Acq: 02 Aug 2023 19:53

Tgt Ion: 98 Resp: 315609
Ion Ratio Lower Upper
98 100
100 65.9 53.1 79.7

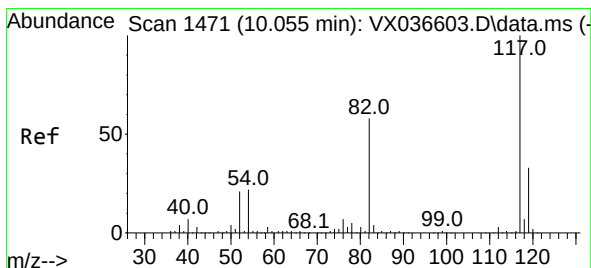
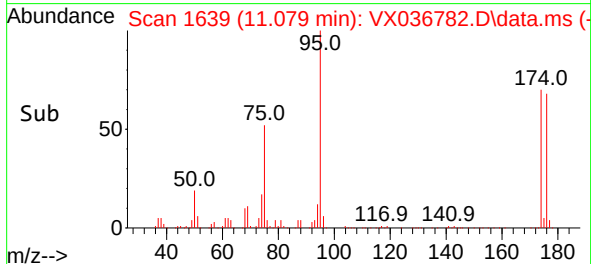
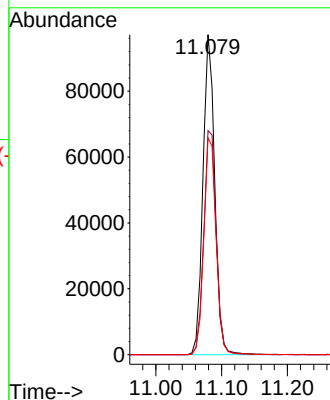
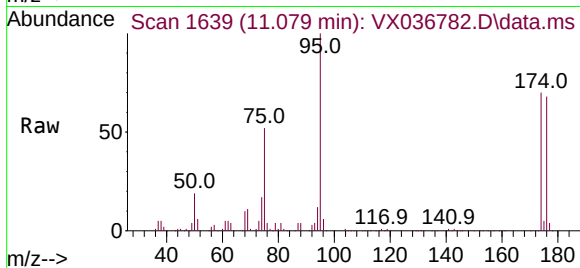




#62
4-Bromofluorobenzene
Concen: 49.707 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX036782.D
Acq: 02 Aug 2023 19:53

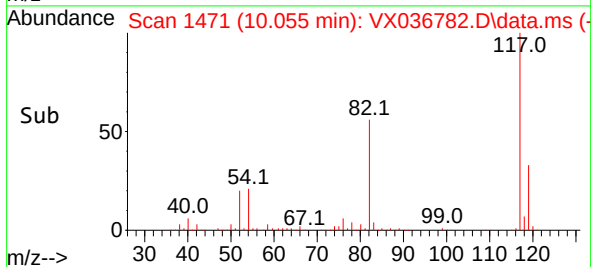
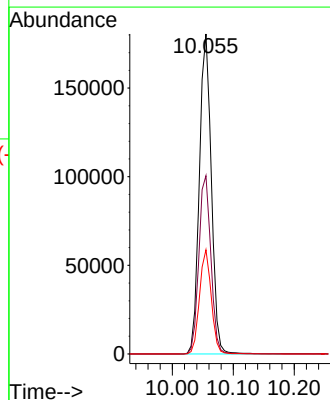
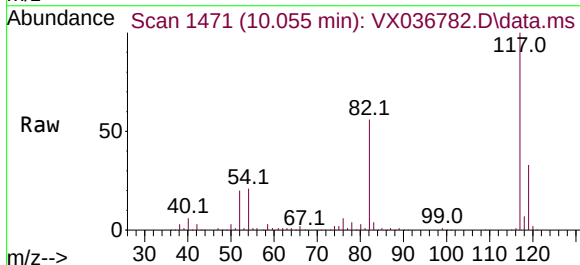
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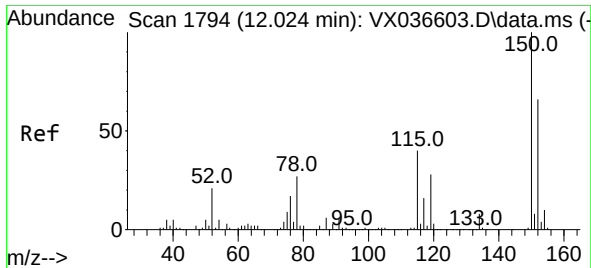
Tgt Ion: 95 Resp: 120936
Ion Ratio Lower Upper
95 100
174 74.1 0.0 135.6
176 70.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036782.D
Acq: 02 Aug 2023 19:53

Tgt Ion: 117 Resp: 245590
Ion Ratio Lower Upper
117 100
82 55.7 46.2 69.4
119 32.6 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX036782.D
 Acq: 02 Aug 2023 19:53

Instrument :
 MSVOA_X
 ClientSampleId :
 50109

Tgt Ion:152 Resp: 113302
 Ion Ratio Lower Upper
 152 100
 115 62.1 43.3 129.9
 150 156.4 0.0 345.0

