

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081523\
 Data File : VX036988.D
 Acq On : 15 Aug 2023 15:20
 Operator : JC/MD
 Sample : 04014-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-20230814

Quant Time: Aug 16 05:34:04 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)

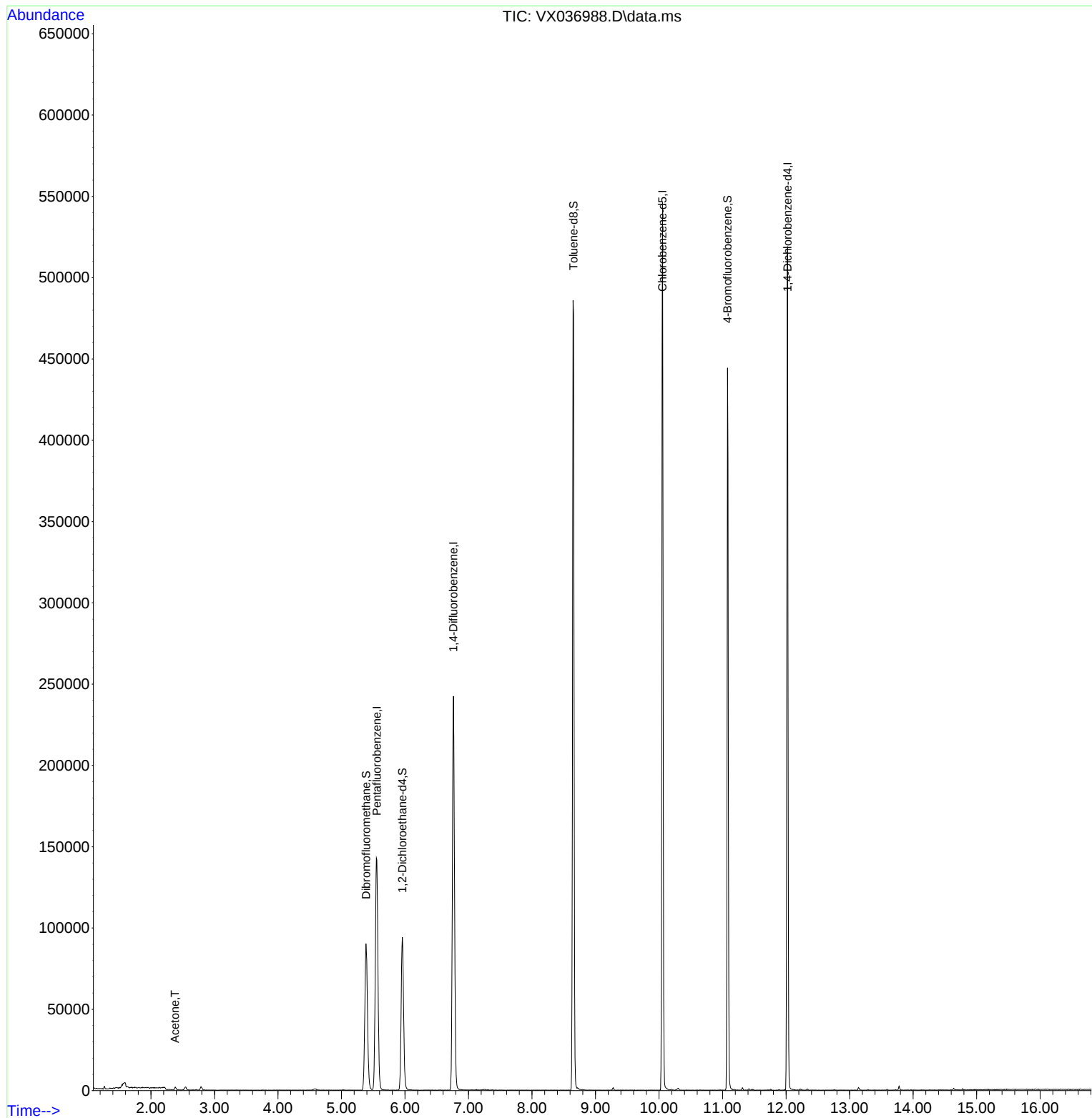
Internal Standards						
1) Pentafluorobenzene	5.556	168	135131	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	248767	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	239793	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	109376	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	94238	47.132	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.260%
35) Dibromofluoromethane	5.385	113	79123	46.274	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.540%
50) Toluene-d8	8.653	98	298845	49.285	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.560%
62) 4-Bromofluorobenzene	11.079	95	118831	51.943	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.880%
Target Compounds						
16) Acetone	2.380	43	1854	2.235	ug/l	Qvalue 91

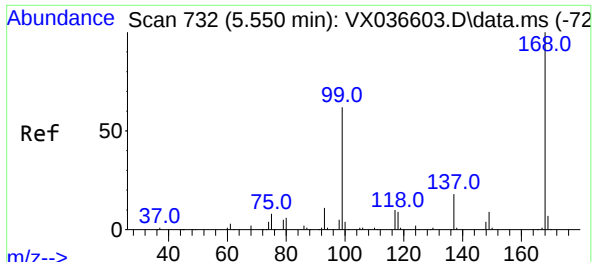
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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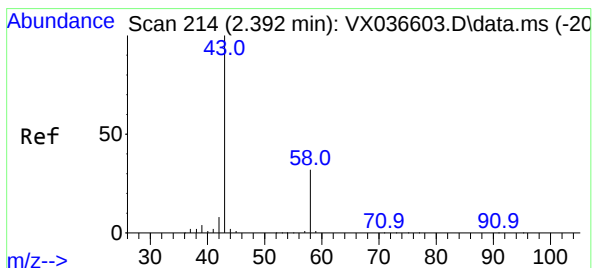
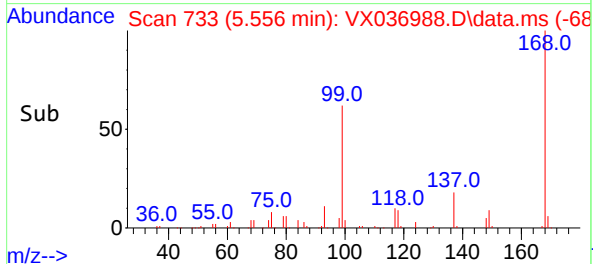
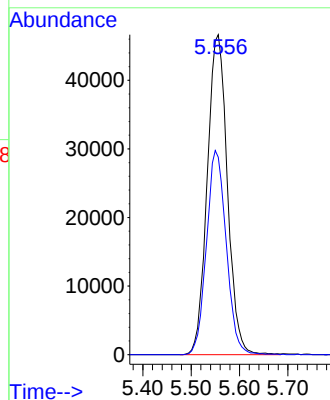
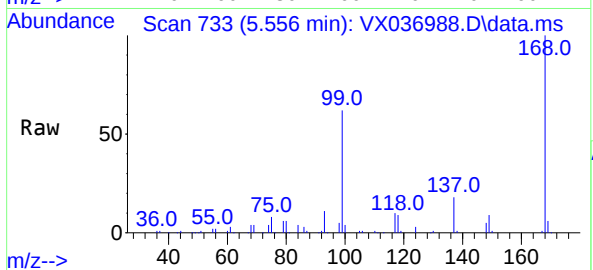




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036988.D
Acq: 15 Aug 2023 15:20

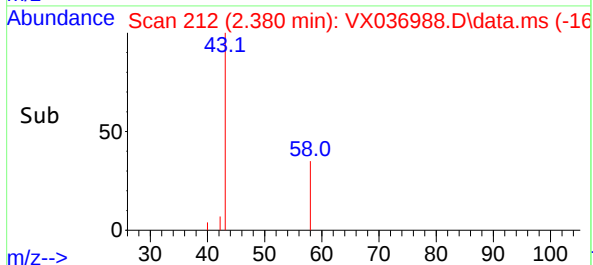
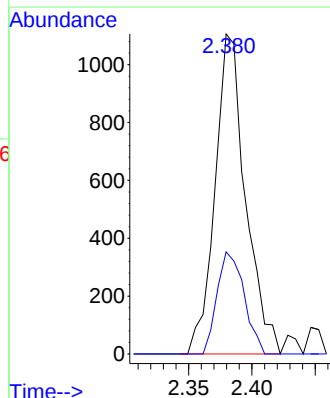
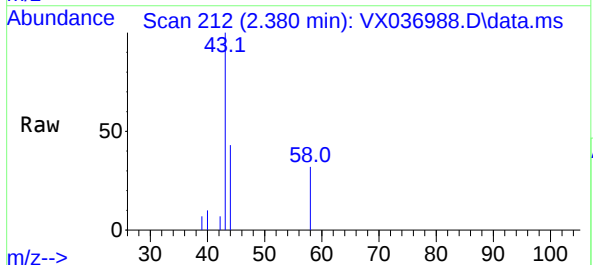
Instrument :
MSVOA_X
ClientSampleId :
TB-20230814

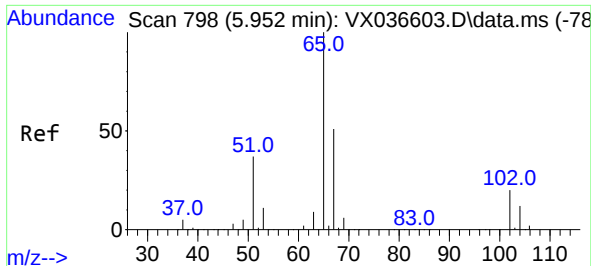
Tgt Ion:168 Resp: 135131
Ion Ratio Lower Upper
168 100
99 61.7 56.6 85.0



#16
Acetone
Concen: 2.235 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX036988.D
Acq: 15 Aug 2023 15:20

Tgt Ion: 43 Resp: 1854
Ion Ratio Lower Upper
43 100
58 31.9 21.9 32.9

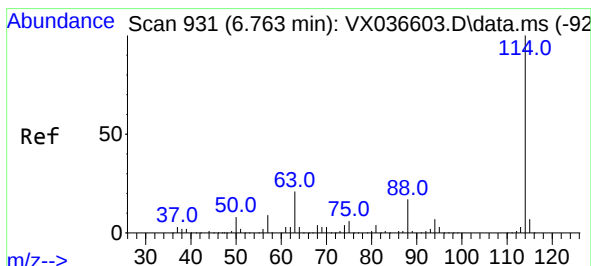
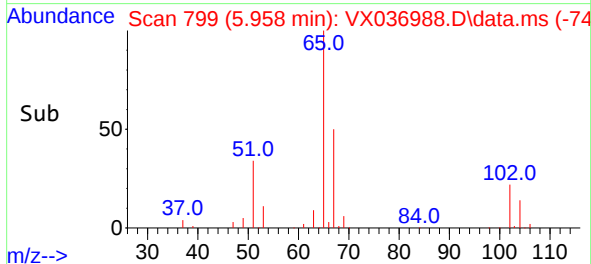
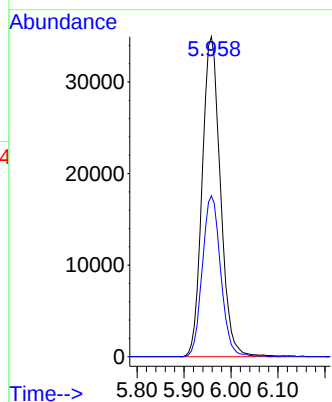
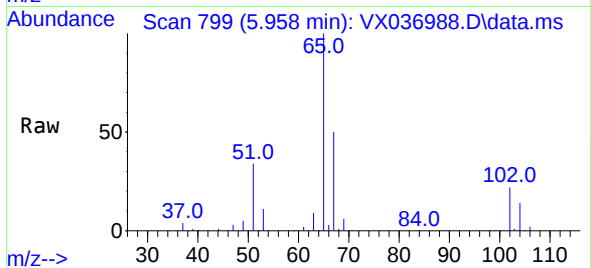




#33
1,2-Dichloroethane-d4
Concen: 47.132 ug/l
RT: 5.958 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX036988.D
Acq: 15 Aug 2023 15:20

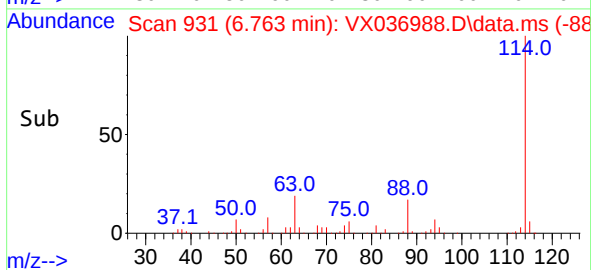
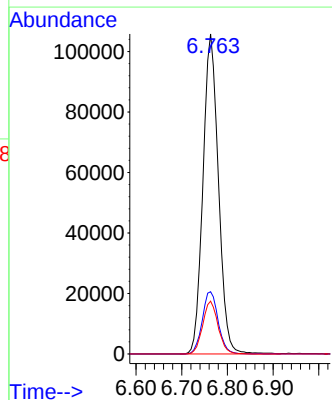
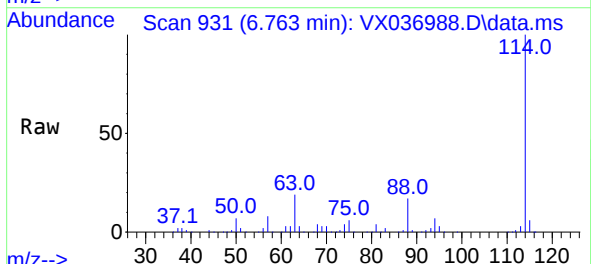
Instrument :
MSVOA_X
ClientSampleId :
TB-20230814

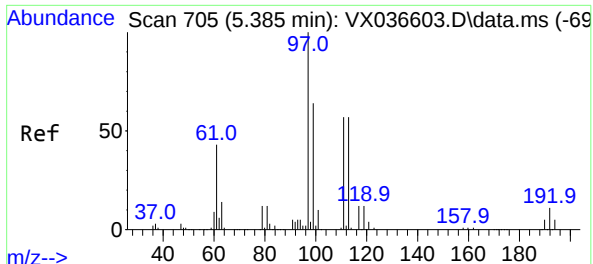
Tgt Ion: 65 Resp: 94238
Ion Ratio Lower Upper
65 100
67 50.4 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX036988.D
Acq: 15 Aug 2023 15:20

Tgt Ion: 114 Resp: 248767
Ion Ratio Lower Upper
114 100
63 19.5 0.0 45.0
88 16.5 0.0 36.6

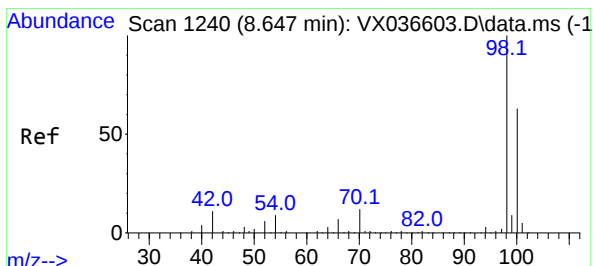
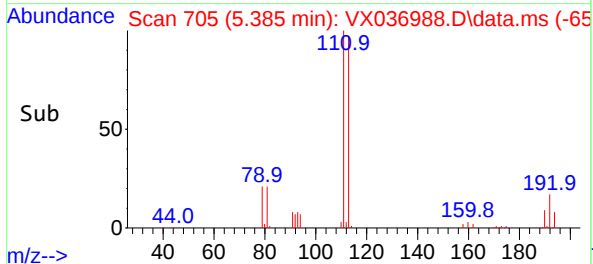
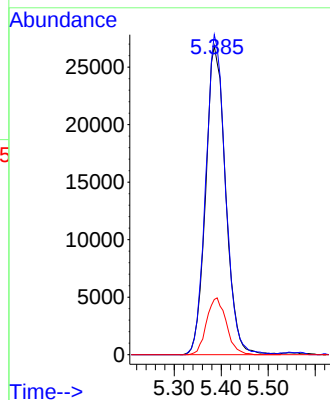
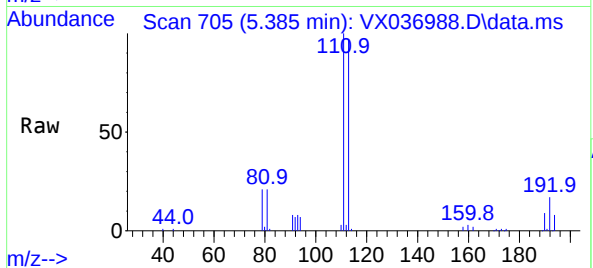




#35
Dibromofluoromethane
Concen: 46.274 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036988.D
Acq: 15 Aug 2023 15:20

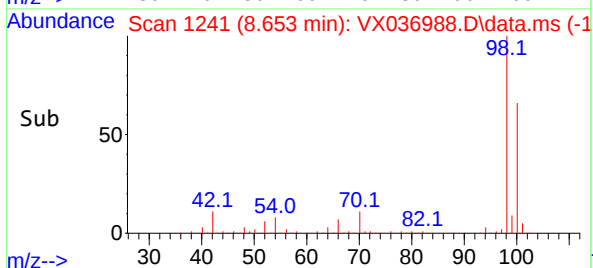
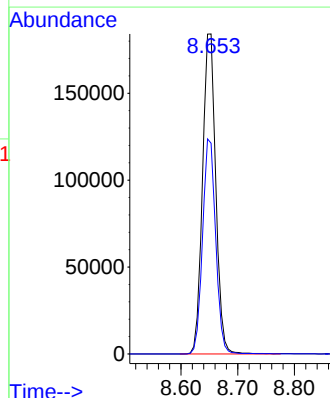
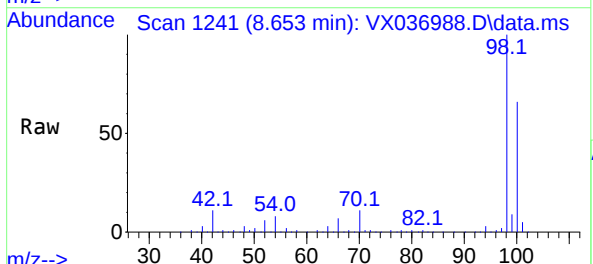
Instrument :
MSVOA_X
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TB-20230814

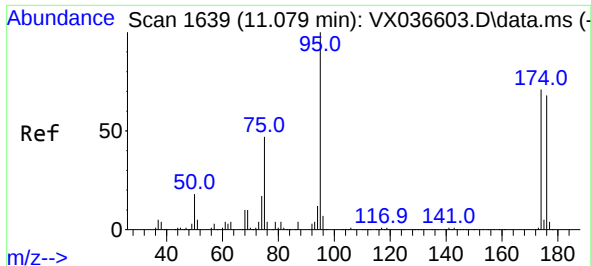
Tgt Ion:	113	Resp:	79123
Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.9	124.3
192	18.2	13.3	19.9



#50
Toluene-d8
Concen: 49.285 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX036988.D
Acq: 15 Aug 2023 15:20

Tgt Ion:	98	Resp:	298845
Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.1	79.7

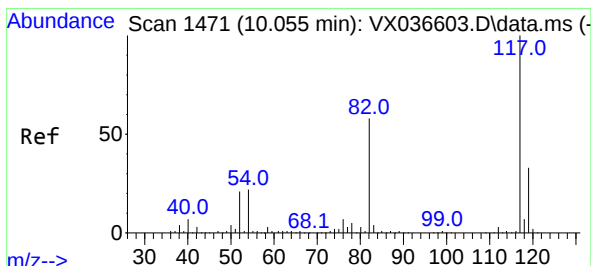
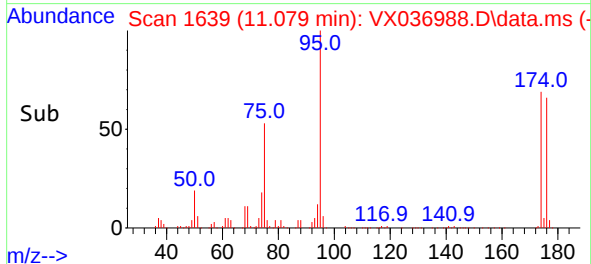
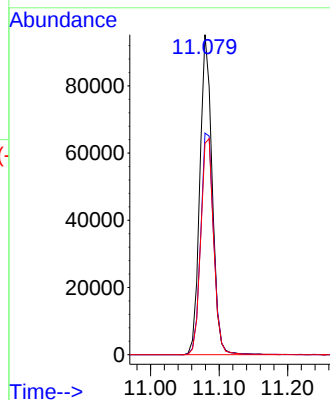
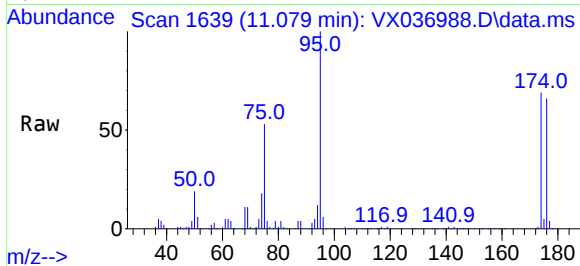




#62
4-Bromofluorobenzene
Concen: 51.943 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX036988.D
Acq: 15 Aug 2023 15:20

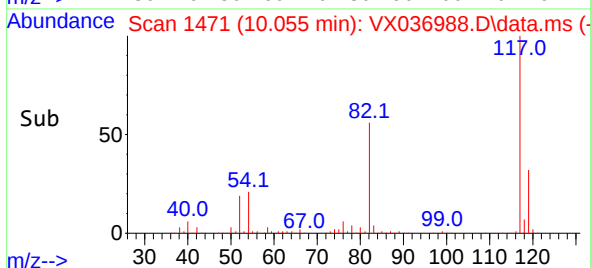
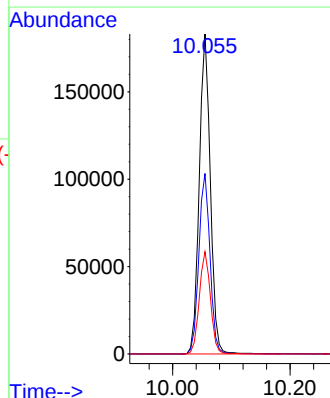
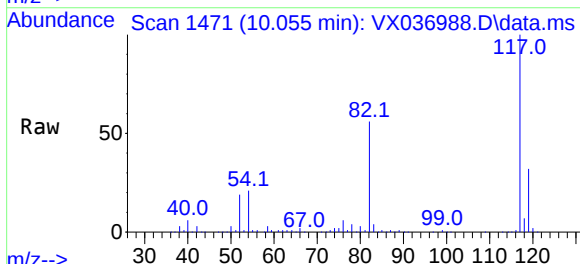
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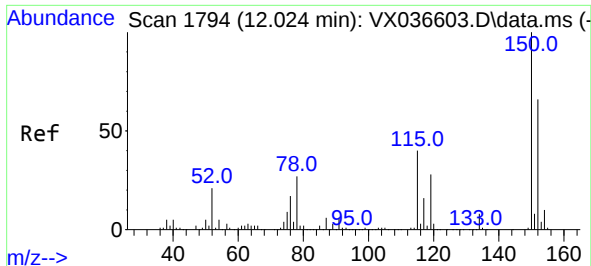
Tgt Ion: 95 Resp: 118831
Ion Ratio Lower Upper
95 100
174 73.1 0.0 135.6
176 70.9 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036988.D
Acq: 15 Aug 2023 15:20

Tgt Ion: 117 Resp: 239793
Ion Ratio Lower Upper
117 100
82 56.4 46.2 69.4
119 31.9 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: VX036988.D
 Acq: 15 Aug 2023 15:20

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-20230814

Tgt Ion:152 Resp: 109376
 Ion Ratio Lower Upper
 152 100
 115 62.8 43.3 129.9
 150 158.1 0.0 345.0

