

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111623\
 Data File : VX038851.D
 Acq On : 16 Nov 2023 20:31
 Operator : JC/MD
 Sample : 05403-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB02-20231107

Quant Time: Nov 16 23:07:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

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

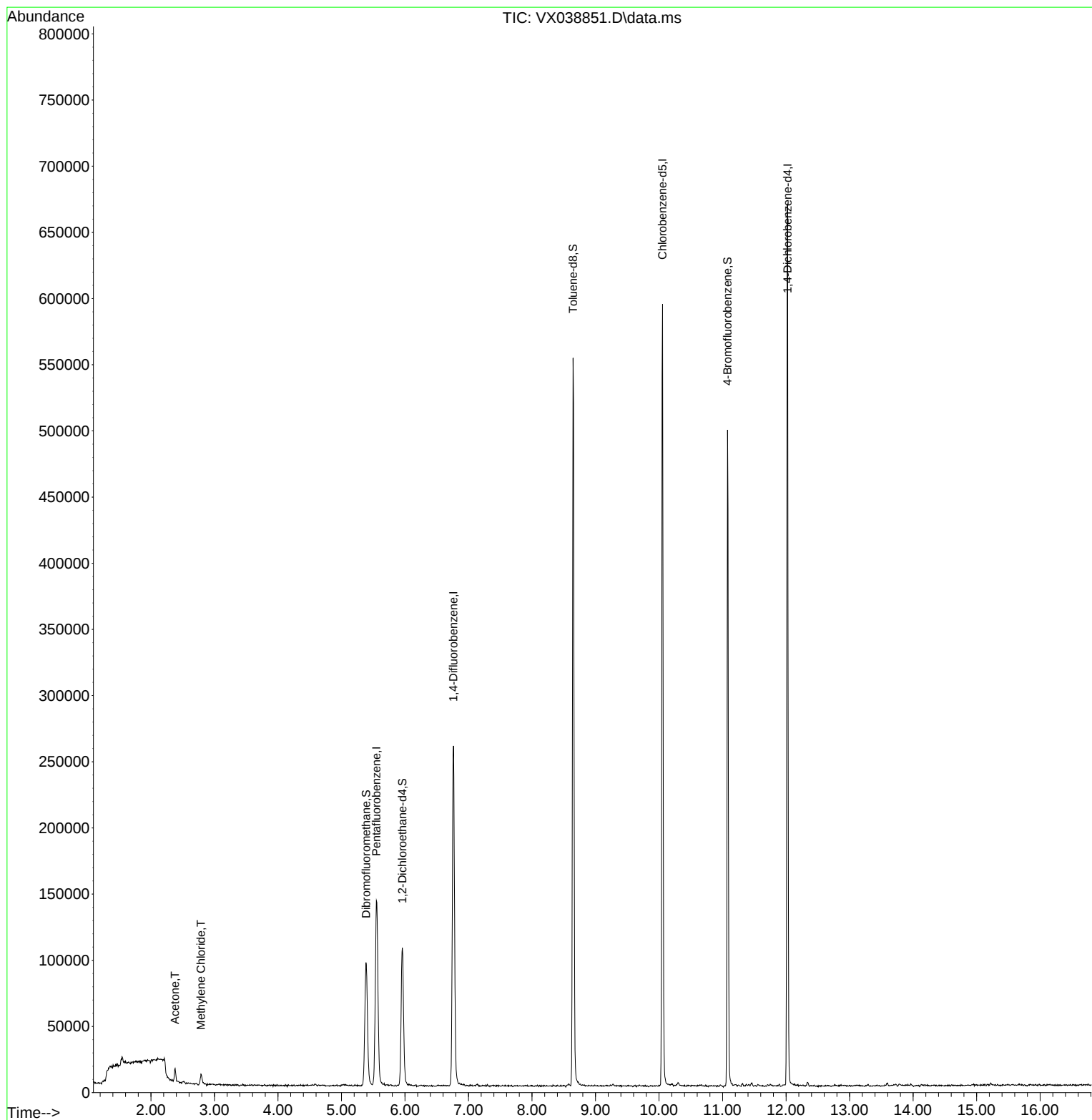
Internal Standards						
1) Pentafluorobenzene	5.550	168	130810	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	266412	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	268902	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	134595	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	98298	46.635	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.280%
35) Dibromofluoromethane	5.385	113	84900	44.125	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.240%
50) Toluene-d8	8.647	98	337396	45.831	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.660%#
62) 4-Bromofluorobenzene	11.079	95	144344	48.981	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.960%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	10520	9.376	ug/l	90
20) Methylene Chloride	2.788	84	3565	1.762	ug/l	95

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

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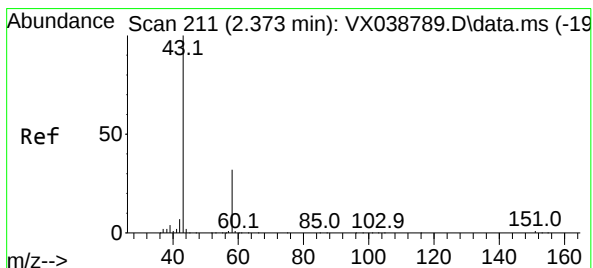
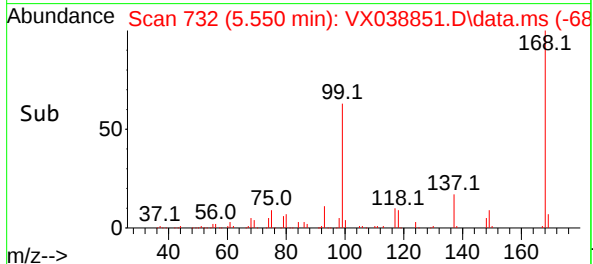
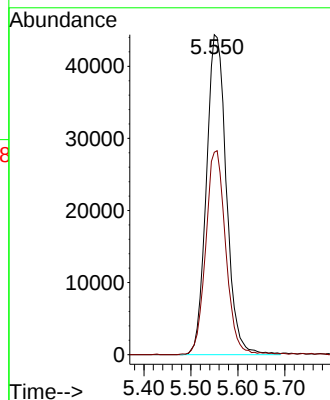
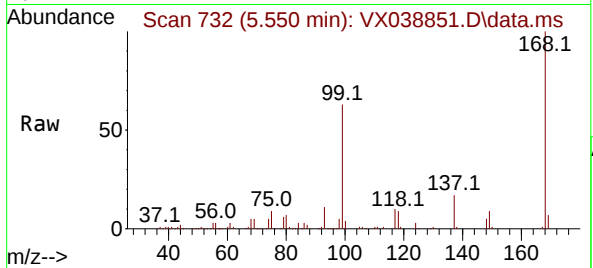




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038851.D
Acq: 16 Nov 2023 20:31

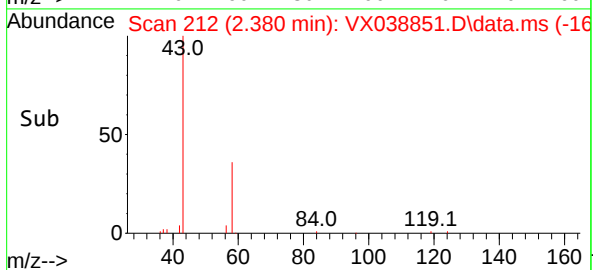
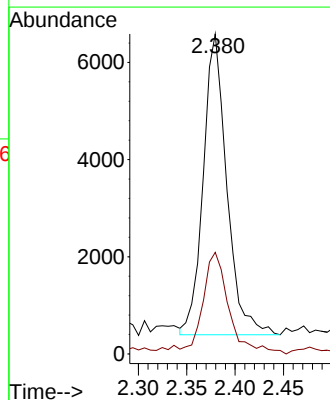
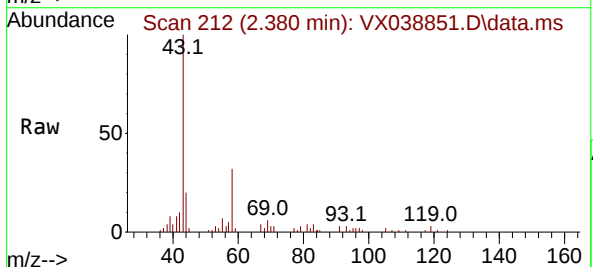
Instrument :
MSVOA_X
ClientSampleId :
TB02-20231107

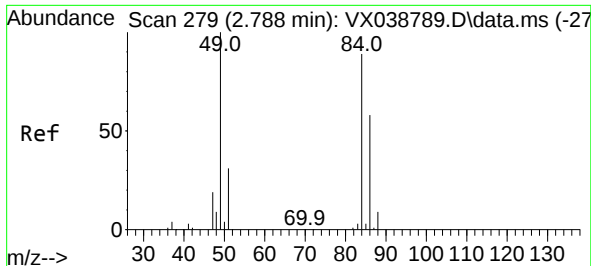
Tgt Ion:168 Resp: 130810
Ion Ratio Lower Upper
168 100
99 63.1 56.6 85.0



#16
Acetone
Concen: 9.376 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX038851.D
Acq: 16 Nov 2023 20:31

Tgt Ion: 43 Resp: 10520
Ion Ratio Lower Upper
43 100
58 32.6 21.9 32.9

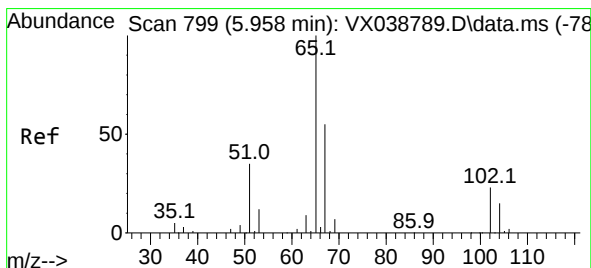
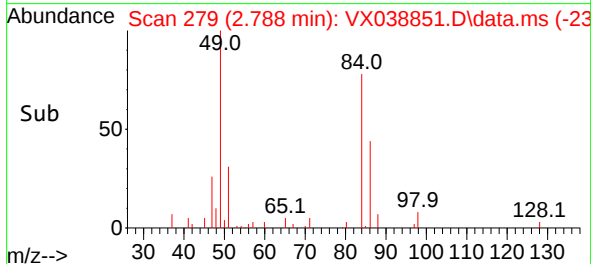
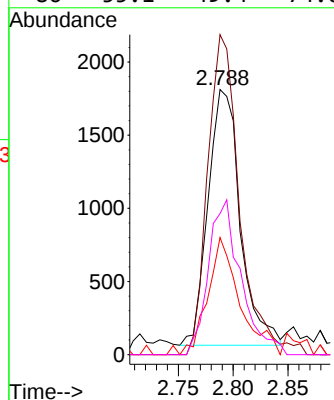
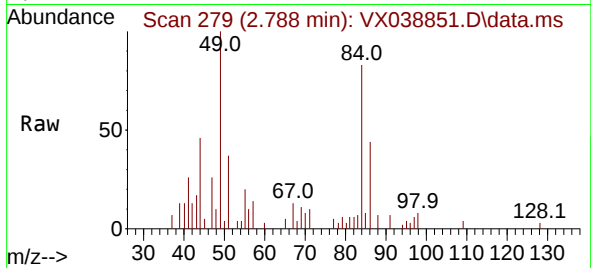




#20
Methylene Chloride
Concen: 1.762 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX038851.D
Acq: 16 Nov 2023 20:31

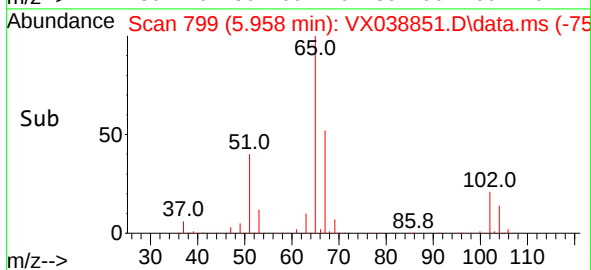
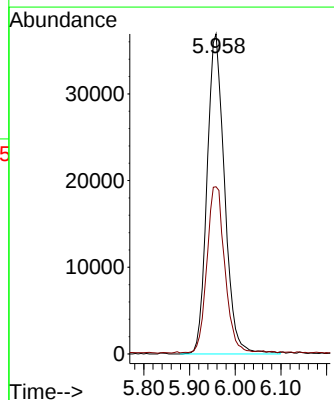
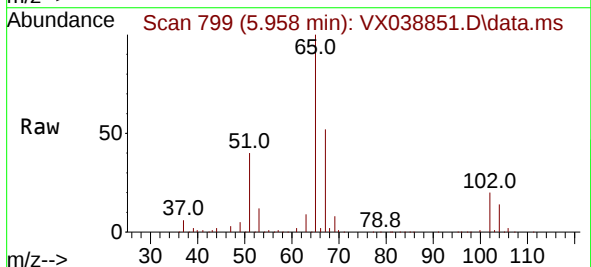
Instrument :
MSVOA_X
ClientSampleId :
TB02-20231107

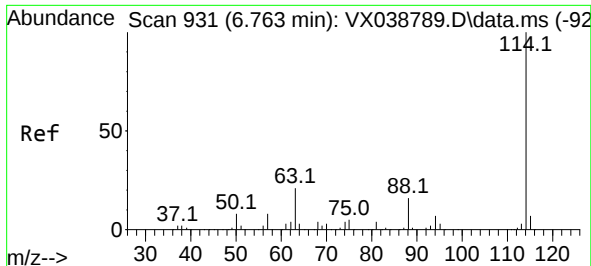
Tgt Ion:	84	Resp:	3565
Ion	Ratio	Lower	Upper
84	100		
49	125.1	103.6	155.4
51	45.8	33.8	50.6
86	55.1	49.4	74.0



#33
1,2-Dichloroethane-d4
Concen: 46.635 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX038851.D
Acq: 16 Nov 2023 20:31

Tgt Ion:	65	Resp:	98298
Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	100.2

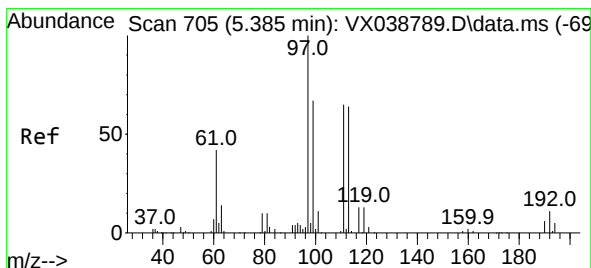
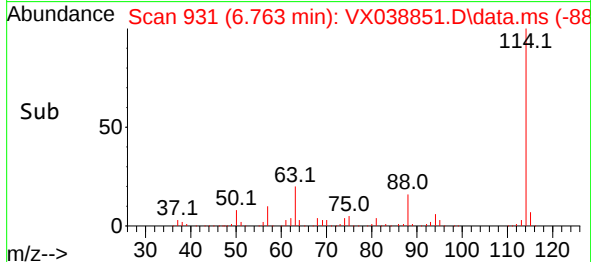
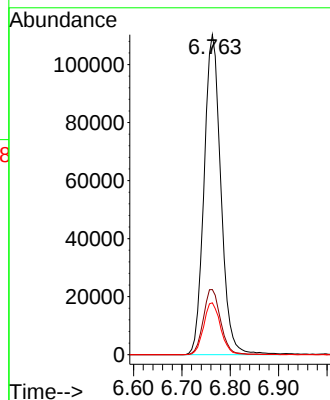
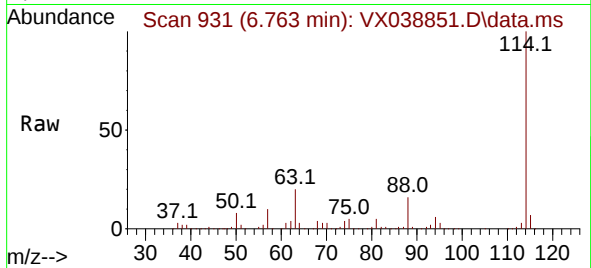




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038851.D
Acq: 16 Nov 2023 20:31

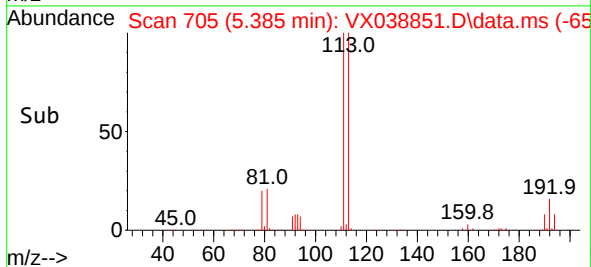
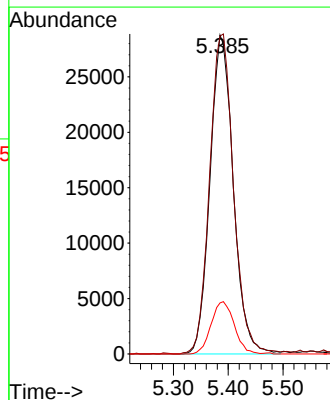
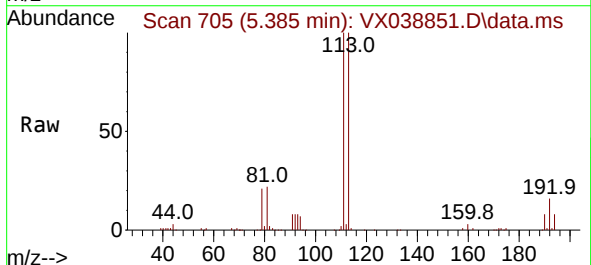
Instrument :
MSVOA_X
ClientSampleId :
TB02-20231107

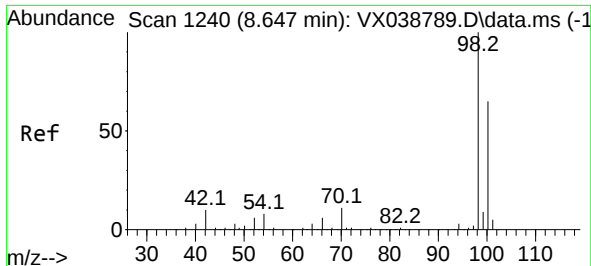
Tgt Ion:114 Resp: 266412
Ion Ratio Lower Upper
114 100
63 20.4 0.0 45.0
88 16.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.125 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX038851.D
Acq: 16 Nov 2023 20:31

Tgt Ion:113 Resp: 84900
Ion Ratio Lower Upper
113 100
111 103.0 82.9 124.3
192 16.2 13.3 19.9

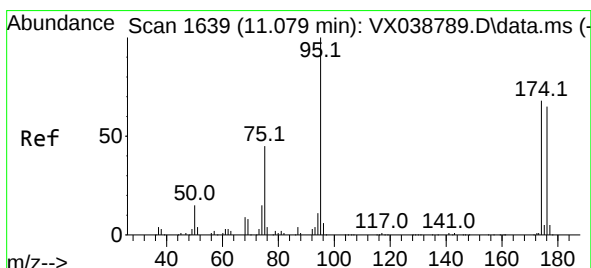
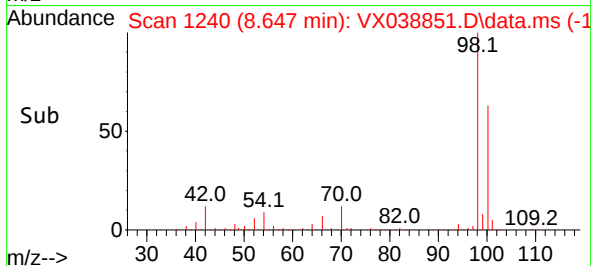
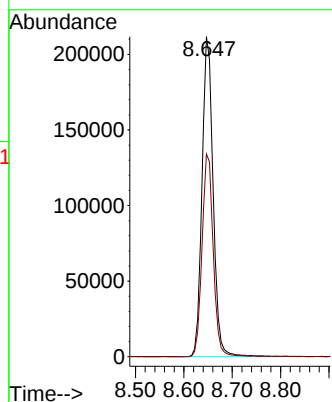
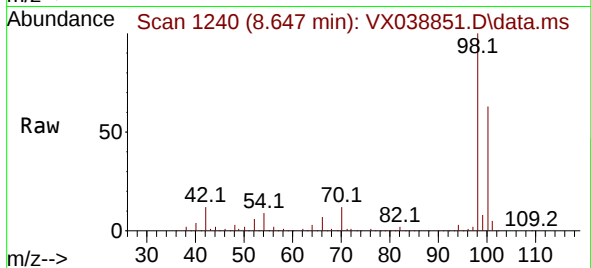




#50
Toluene-d8
Concen: 45.831 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038851.D
Acq: 16 Nov 2023 20:31

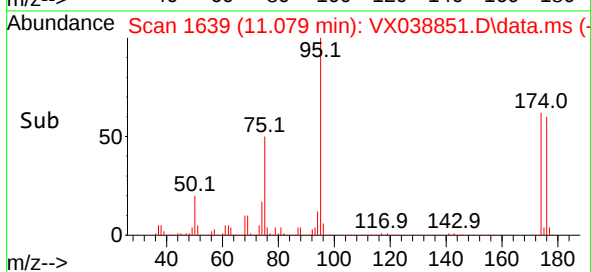
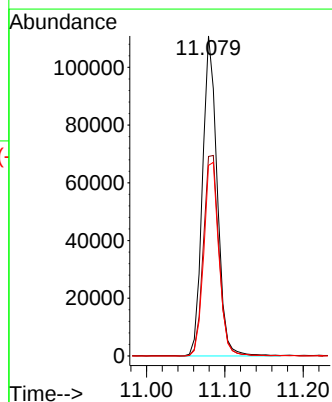
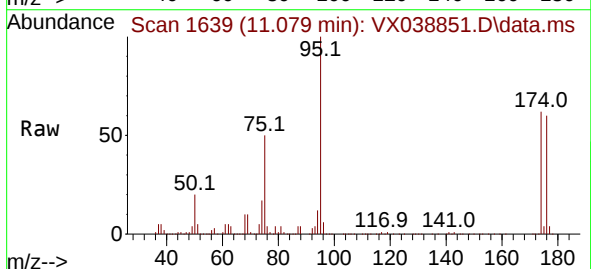
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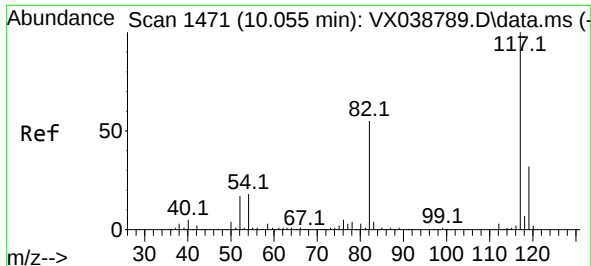
Tgt Ion: 98 Resp: 337396
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 48.981 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX038851.D
Acq: 16 Nov 2023 20:31

Tgt Ion: 95 Resp: 144344
Ion Ratio Lower Upper
95 100
174 66.7 0.0 135.6
176 62.6 0.0 131.0

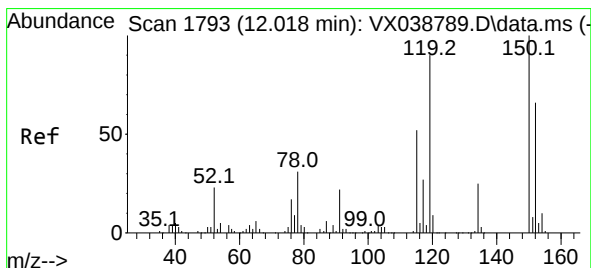
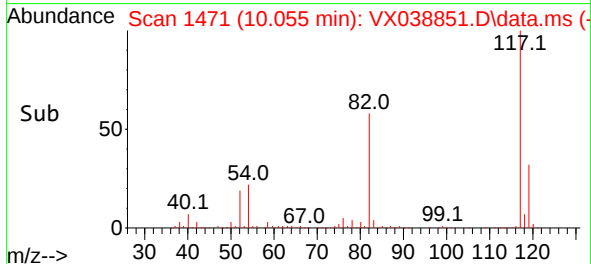
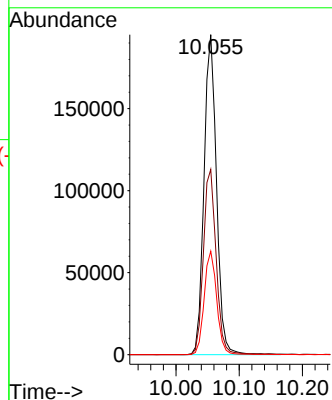
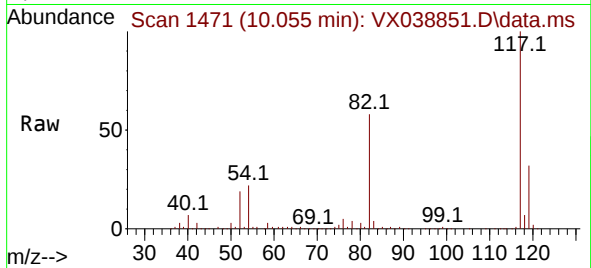




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038851.D
Acq: 16 Nov 2023 20:31

Instrument :
MSVOA_X
ClientSampleId :
TB02-20231107

Tgt Ion:117 Resp: 268902
Ion Ratio Lower Upper
117 100
82 57.9 46.2 69.4
119 32.4 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX038851.D
Acq: 16 Nov 2023 20:31

Tgt Ion:152 Resp: 134595
Ion Ratio Lower Upper
152 100
115 66.2 43.3 129.9
150 157.2 0.0 345.0

