

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112023\
 Data File : VX038960.D
 Acq On : 20 Nov 2023 15:51
 Operator : JC/MD
 Sample : 05431-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-01-20231113

Quant Time: Nov 21 00:21:45 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)

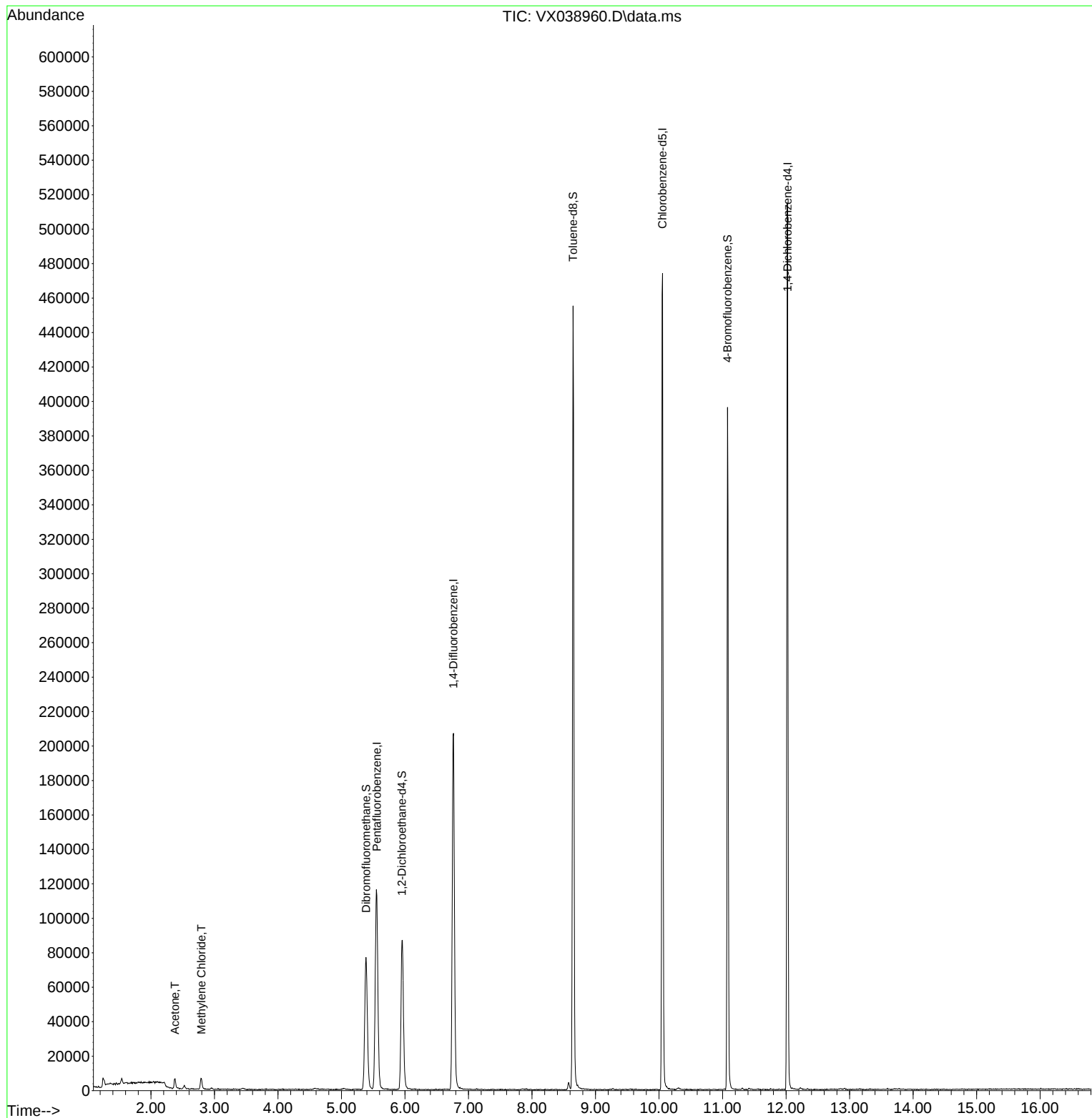
Internal Standards						
1) Pentafluorobenzene	5.556	168	105094	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	211306	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	211539	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	102453	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	84010	49.609	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.220%
35) Dibromofluoromethane	5.385	113	67939	44.518	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.040%
50) Toluene-d8	8.647	98	263841	45.186	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.380%#
62) 4-Bromofluorobenzene	11.079	95	112029	47.930	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.860%
Target Compounds						
					Qvalue	
16) Acetone	2.379	43	6625	7.349	ug/l	92
20) Methylene Chloride	2.794	84	3000	1.846	ug/l	95

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

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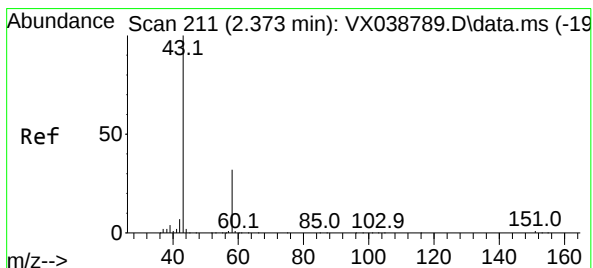
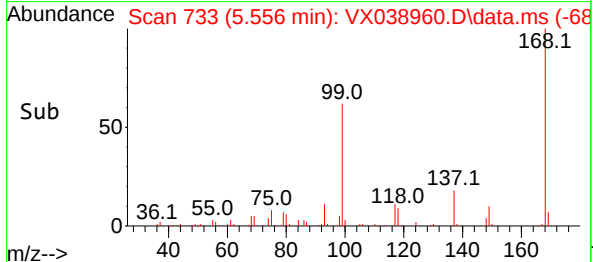
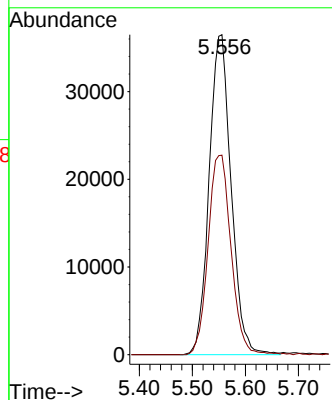
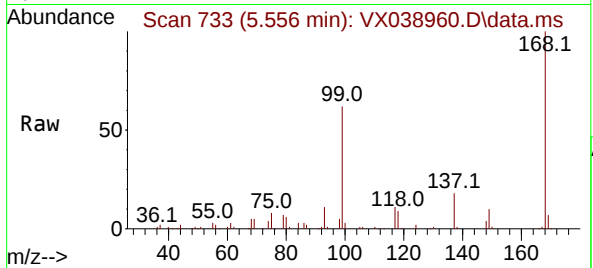




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX038960.D
Acq: 20 Nov 2023 15:51

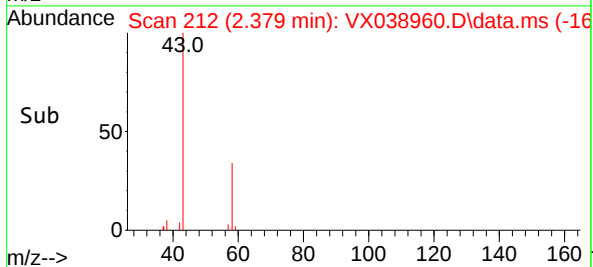
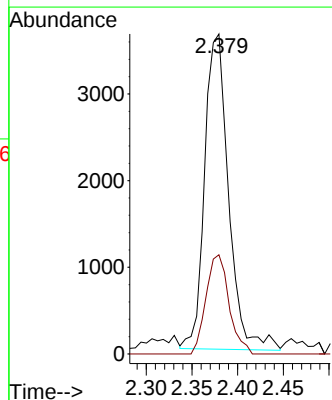
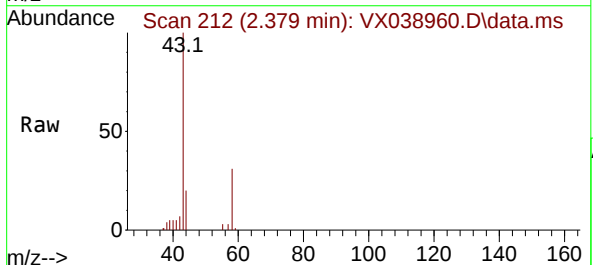
Instrument :
MSVOA_X
ClientSampleId :
FB-01-20231113

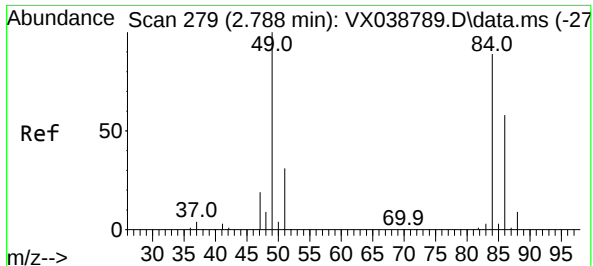
Tgt Ion:168 Resp: 105094
Ion Ratio Lower Upper
168 100
99 62.4 56.6 85.0



#16
Acetone
Concen: 7.349 ug/l
RT: 2.379 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX038960.D
Acq: 20 Nov 2023 15:51

Tgt Ion: 43 Resp: 6625
Ion Ratio Lower Upper
43 100
58 31.5 21.9 32.9



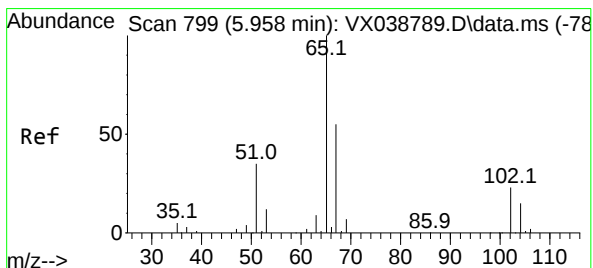
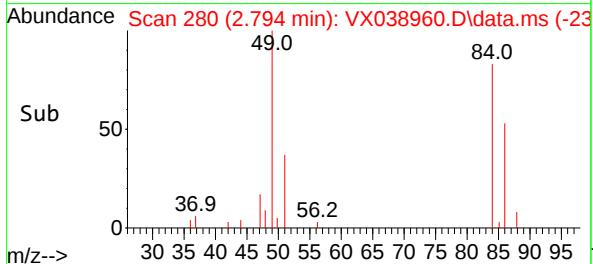
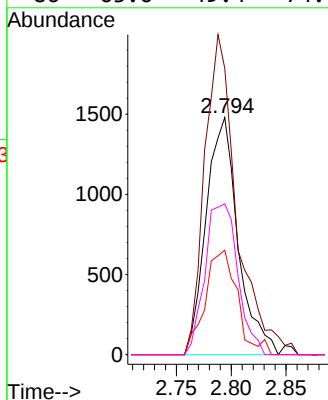
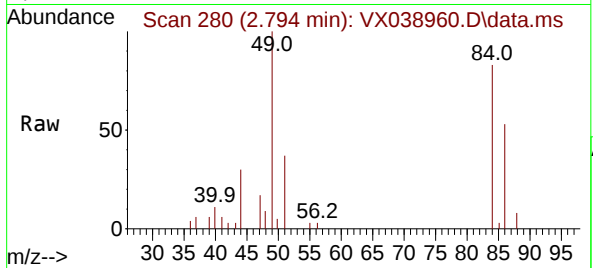


#20
Methylene Chloride
Concen: 1.846 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX038960.D
Acq: 20 Nov 2023 15:51

Instrument :
MSVOA_X
ClientSampleId :
FB-01-20231113

Tgt Ion: 84 Resp: 3000

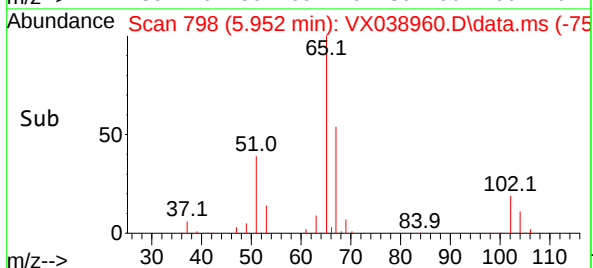
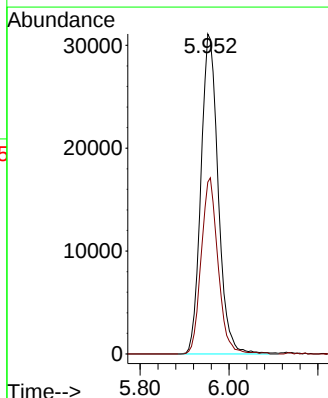
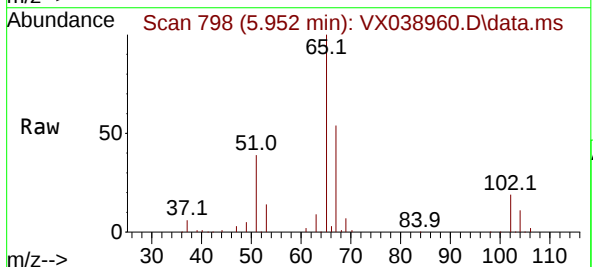
Ion	Ratio	Lower	Upper
84	100		
49	120.8	103.6	155.4
51	44.1	33.8	50.6
86	63.6	49.4	74.0

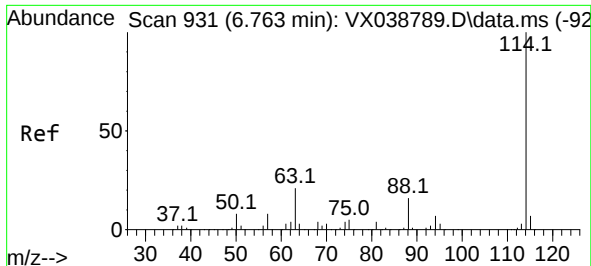


#33
1,2-Dichloroethane-d4
Concen: 49.609 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX038960.D
Acq: 20 Nov 2023 15:51

Tgt Ion: 65 Resp: 84010

Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	100.2

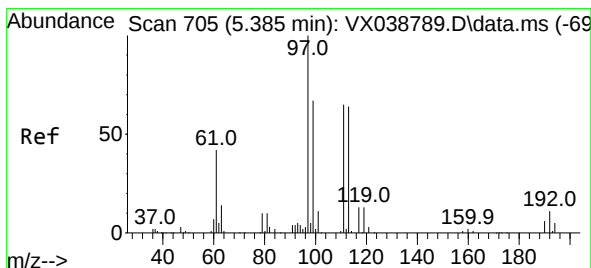
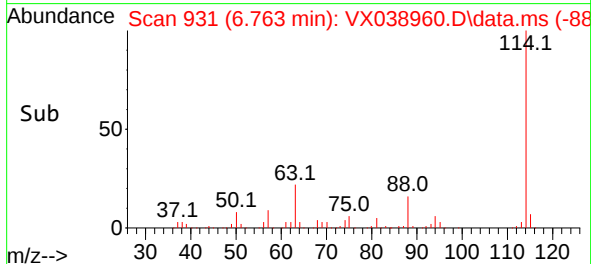
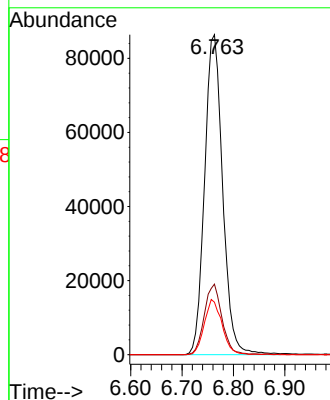
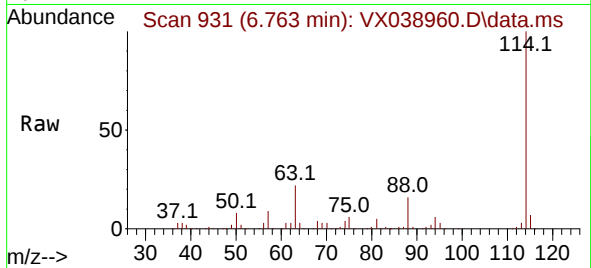




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX038960.D
Acq: 20 Nov 2023 15:51

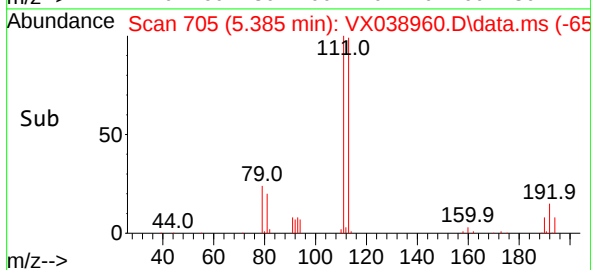
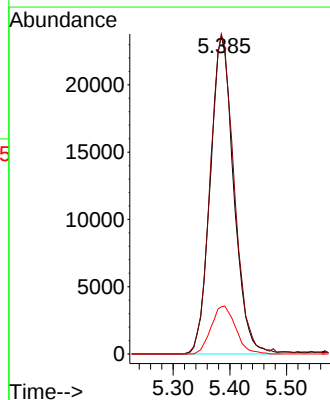
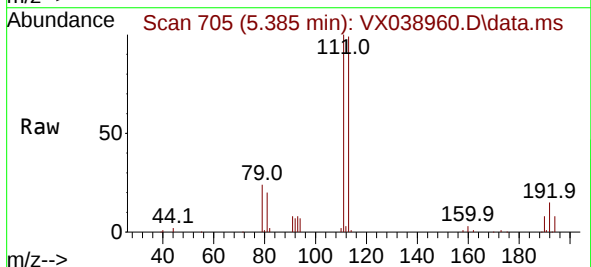
Instrument :
MSVOA_X
ClientSampleId :
FB-01-20231113

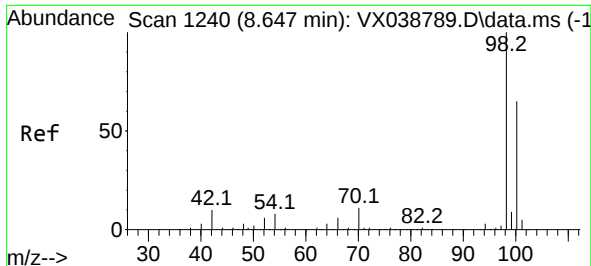
Tgt Ion:114 Resp: 211306
Ion Ratio Lower Upper
114 100
63 22.0 0.0 45.0
88 16.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.518 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX038960.D
Acq: 20 Nov 2023 15:51

Tgt Ion:113 Resp: 67939
Ion Ratio Lower Upper
113 100
111 102.5 82.9 124.3
192 15.6 13.3 19.9

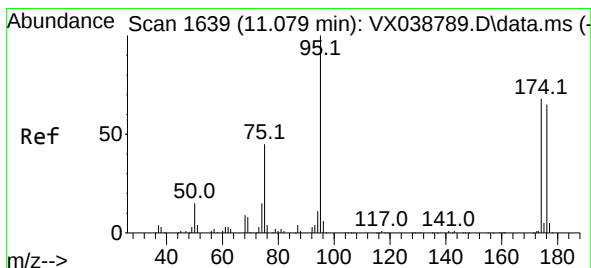
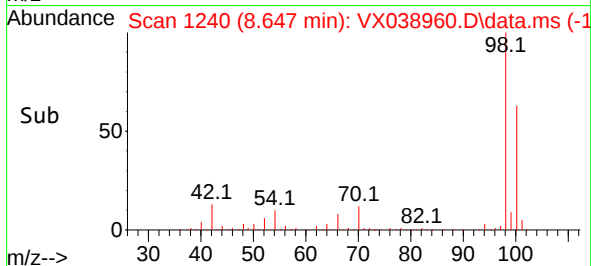
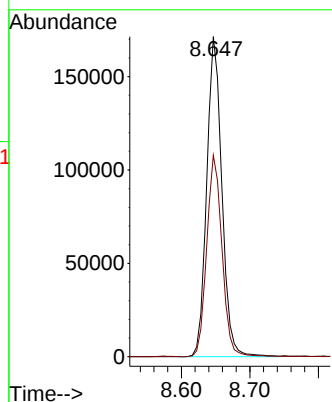
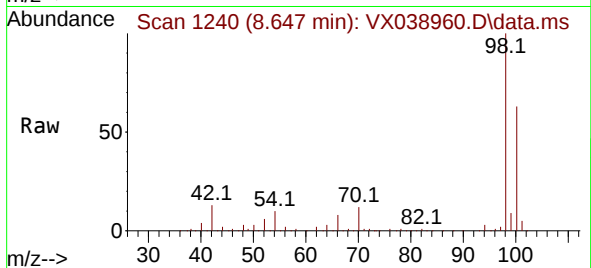




#50
Toluene-d8
Concen: 45.186 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038960.D
Acq: 20 Nov 2023 15:51

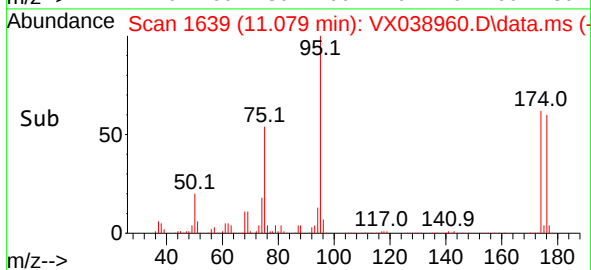
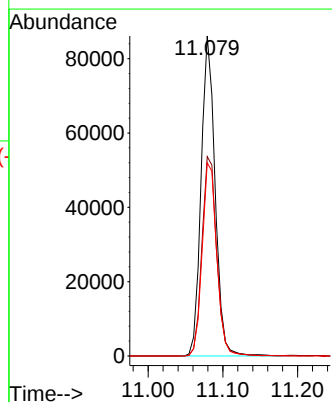
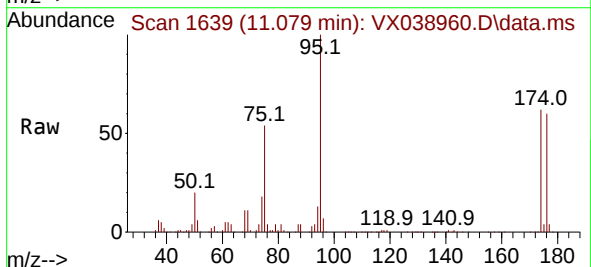
Instrument :
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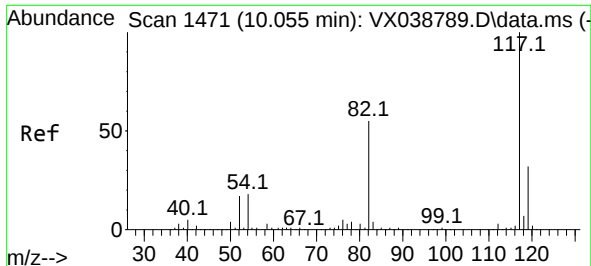
Tgt Ion: 98 Resp: 263841
Ion Ratio Lower Upper
98 100
100 63.5 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 47.930 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX038960.D
Acq: 20 Nov 2023 15:51

Tgt Ion: 95 Resp: 112029
Ion Ratio Lower Upper
95 100
174 65.6 0.0 135.6
176 62.9 0.0 131.0

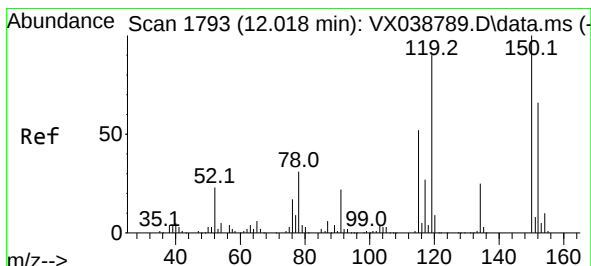
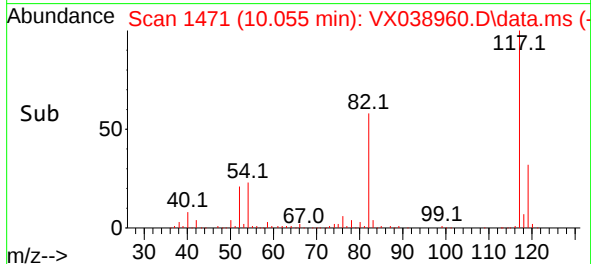
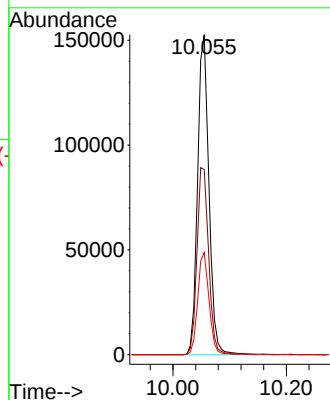
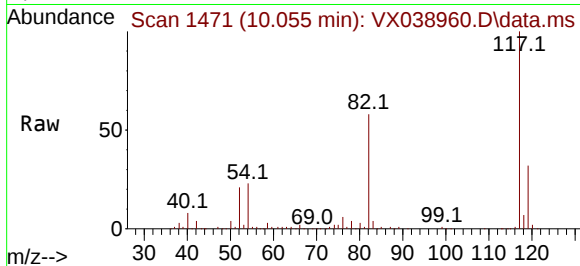




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038960.D
Acq: 20 Nov 2023 15:51

Instrument :
MSVOA_X
ClientSampleId :
FB-01-20231113

Tgt Ion:117 Resp: 211539
Ion Ratio Lower Upper
117 100
82 57.9 46.2 69.4
119 32.0 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: VX038960.D
Acq: 20 Nov 2023 15:51

Tgt Ion:152 Resp: 102453
Ion Ratio Lower Upper
152 100
115 65.9 43.3 129.9
150 157.1 0.0 345.0

