

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112123\
 Data File : VX038989.D
 Acq On : 21 Nov 2023 16:58
 Operator : JC/MD
 Sample : 05405-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB05-20231113

Quant Time: Nov 22 03:22:44 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)

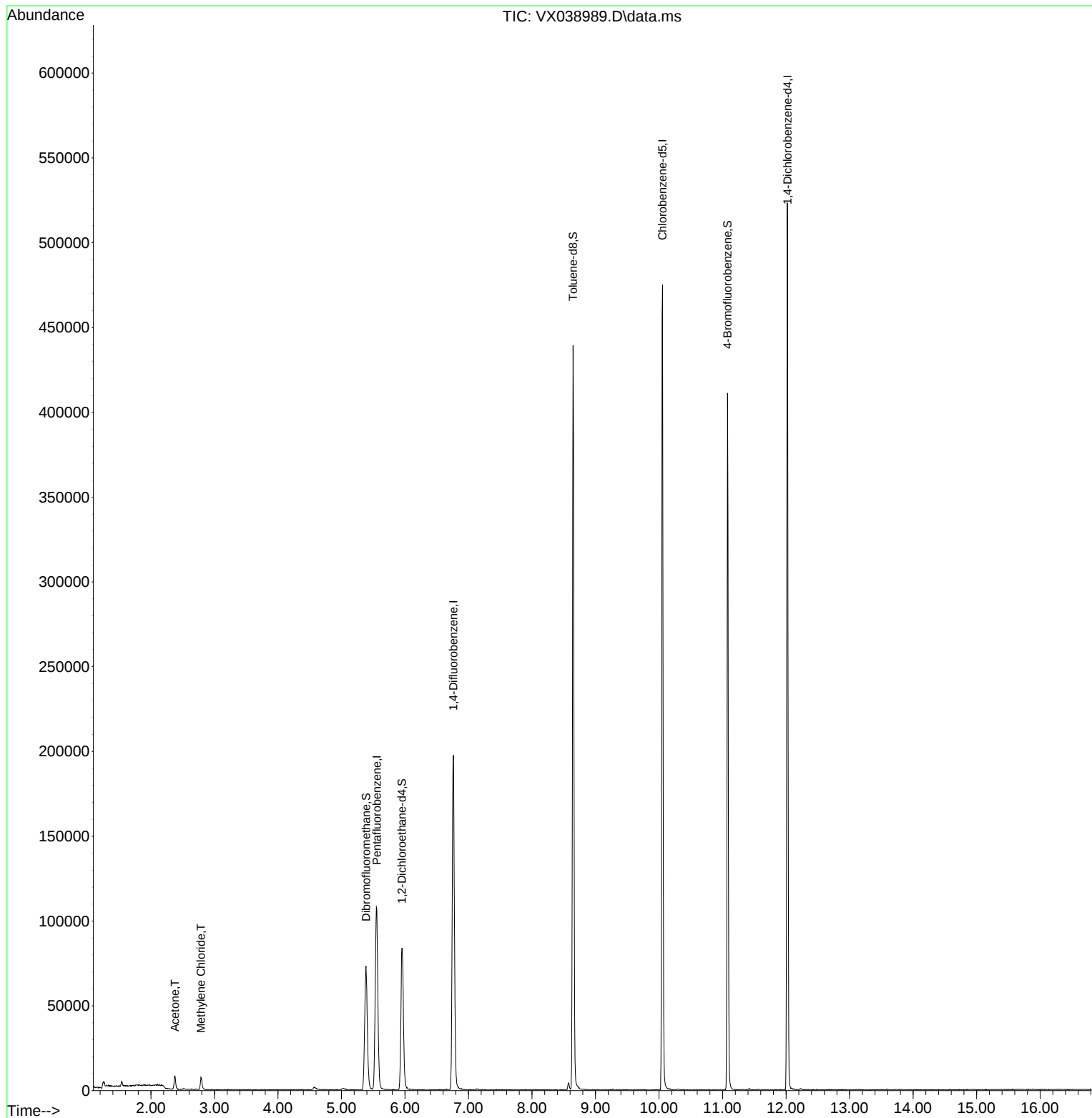
Internal Standards						
1) Pentafluorobenzene	5.556	168	93994	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	199702	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	209408	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	102361	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	81711	53.950	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	107.900%
35) Dibromofluoromethane	5.385	113	62846	43.574	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.140%
50) Toluene-d8	8.647	98	253730	45.980	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.960%#
62) 4-Bromofluorobenzene	11.079	95	109798	49.705	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.400%
Target Compounds						Qvalue
16) Acetone	2.380	43	9254	11.478	ug/l	94
20) Methylene Chloride	2.788	84	3204	2.204	ug/l	97

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

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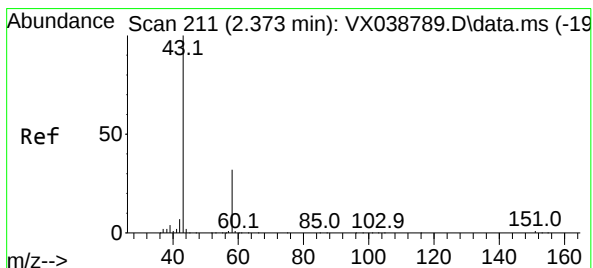
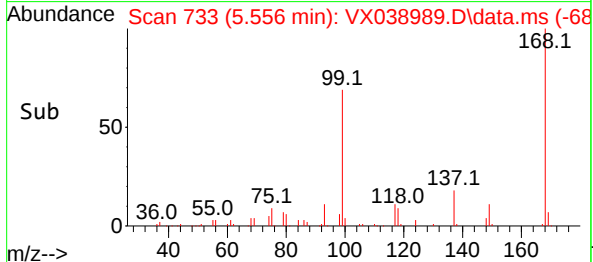
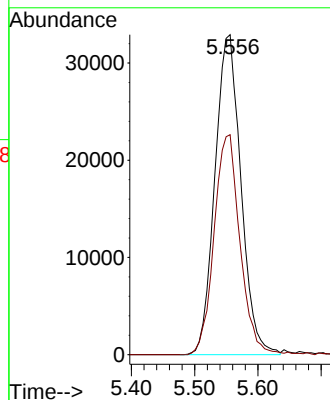
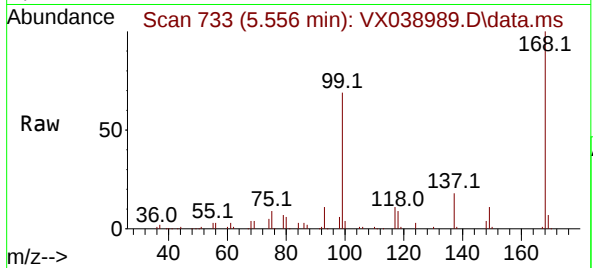




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX038989.D
Acq: 21 Nov 2023 16:58

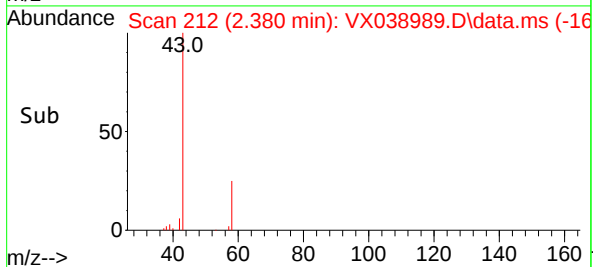
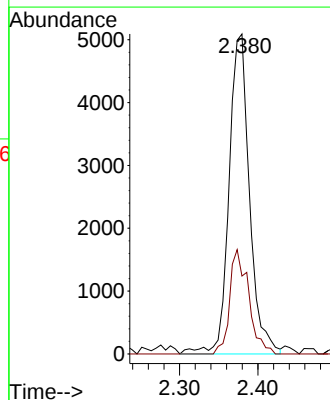
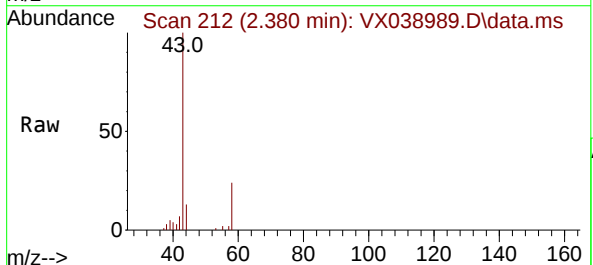
Instrument :
MSVOA_X
ClientSampleId :
TB05-20231113

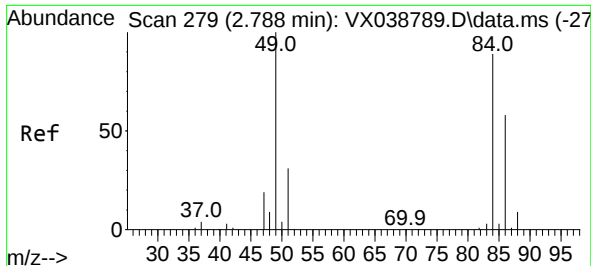
Tgt Ion:168 Resp: 93994
Ion Ratio Lower Upper
168 100
99 68.8 56.6 85.0



#16
Acetone
Concen: 11.478 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX038989.D
Acq: 21 Nov 2023 16:58

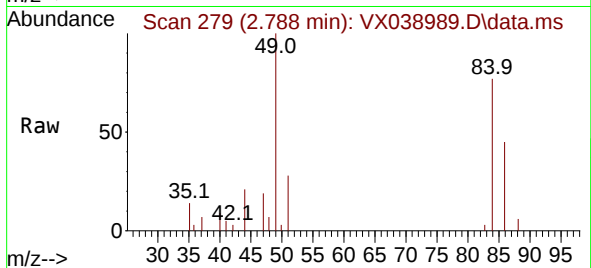
Tgt Ion: 43 Resp: 9254
Ion Ratio Lower Upper
43 100
58 24.3 21.9 32.9



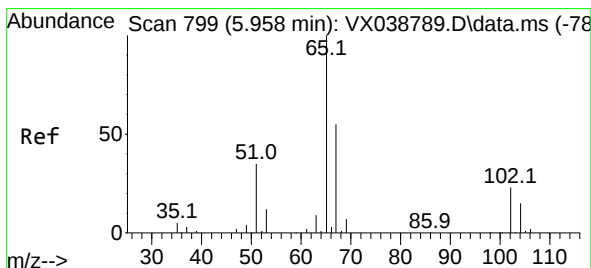
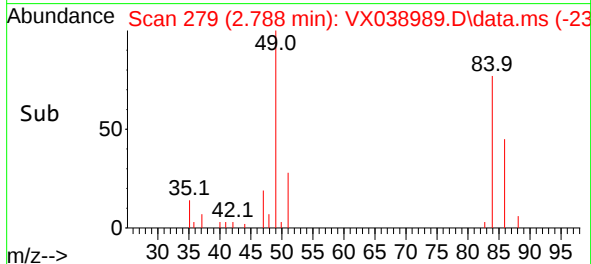
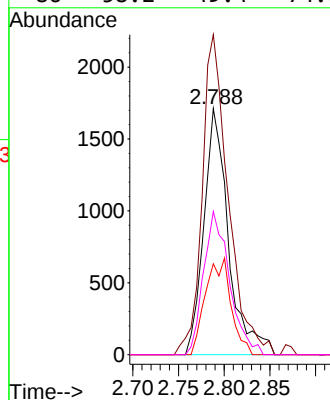


#20
Methylene Chloride
Concen: 2.204 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX038989.D
Acq: 21 Nov 2023 16:58

Instrument :
MSVOA_X
ClientSampleId :
TB05-20231113

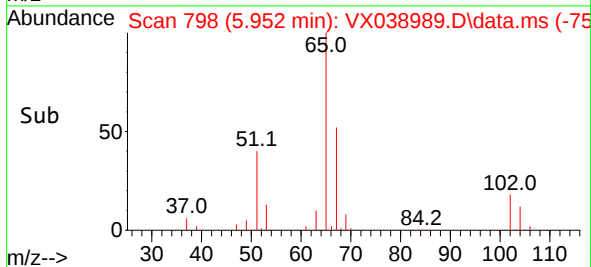
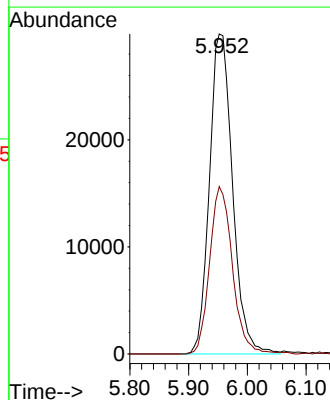
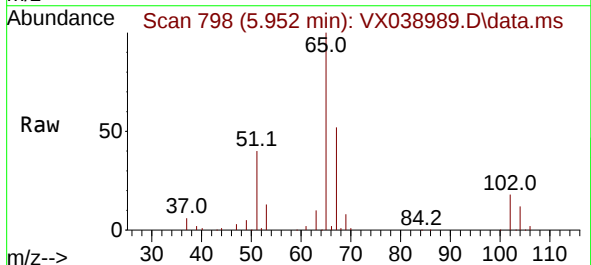


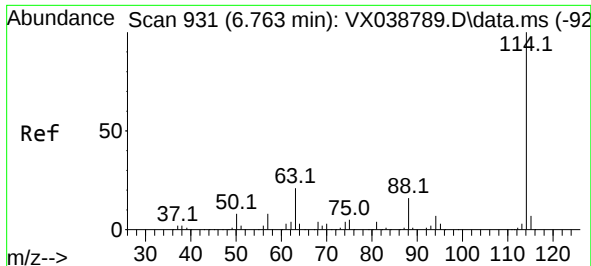
Tgt Ion:	84	Resp:	3204
Ion	Ratio	Lower	Upper
84	100		
49	130.0	103.6	155.4
51	36.9	33.8	50.6
86	58.2	49.4	74.0



#33
1,2-Dichloroethane-d4
Concen: 53.950 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX038989.D
Acq: 21 Nov 2023 16:58

Tgt Ion:	65	Resp:	81711
Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	100.2

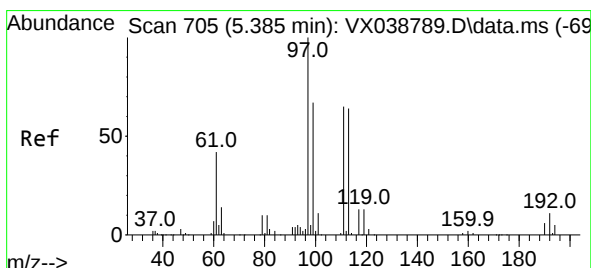
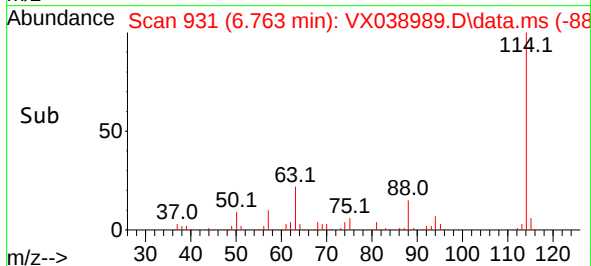
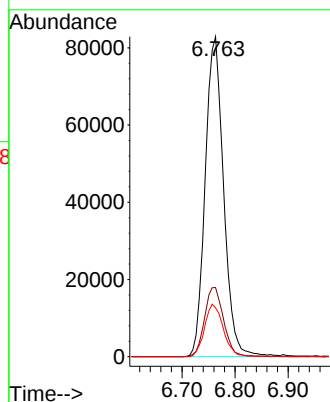
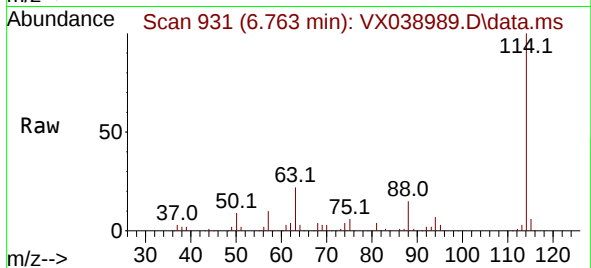




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX038989.D
Acq: 21 Nov 2023 16:58

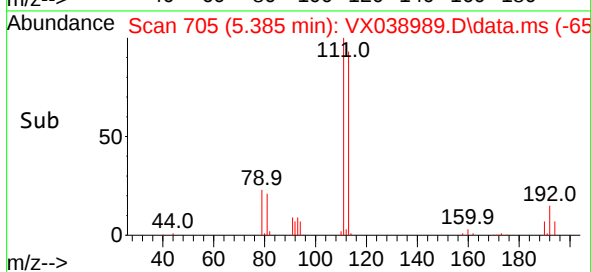
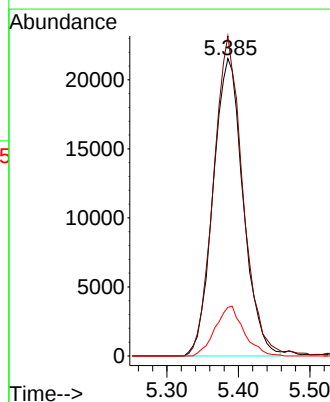
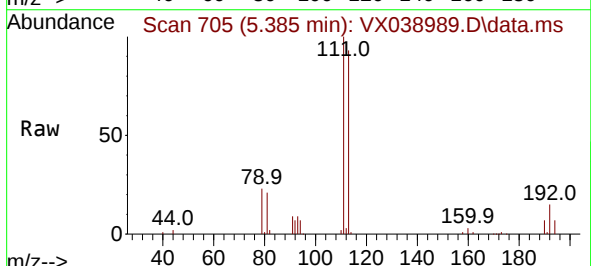
Instrument :
MSVOA_X
ClientSampleId :
TB05-20231113

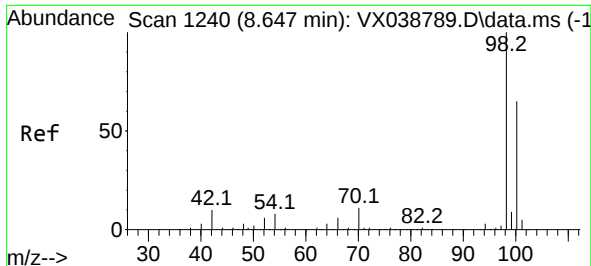
Tgt Ion:114 Resp: 199702
Ion Ratio Lower Upper
114 100
63 21.6 0.0 45.0
88 15.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 43.574 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038989.D
Acq: 21 Nov 2023 16:58

Tgt Ion:113 Resp: 62846
Ion Ratio Lower Upper
113 100
111 104.4 82.9 124.3
192 15.9 13.3 19.9

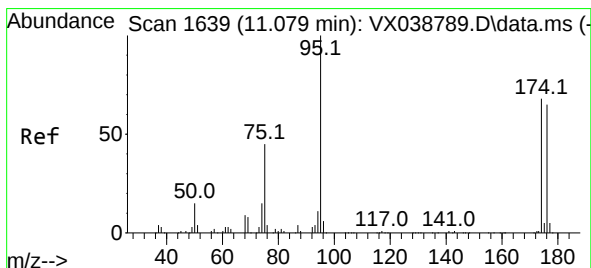
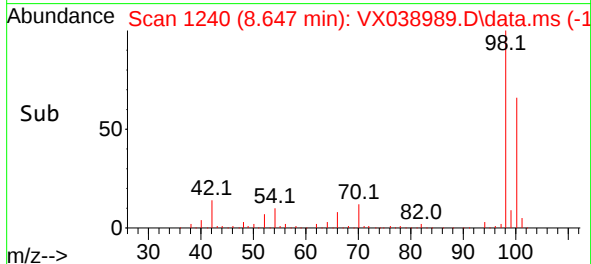
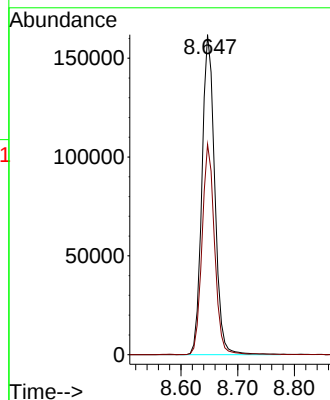
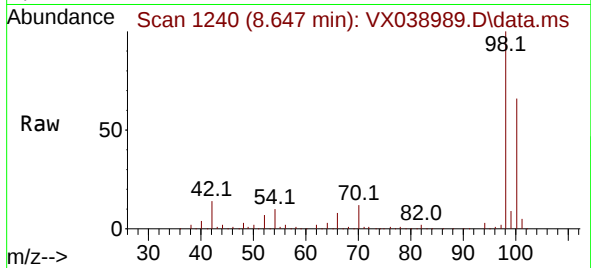




#50
Toluene-d8
Concen: 45.980 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038989.D
Acq: 21 Nov 2023 16:58

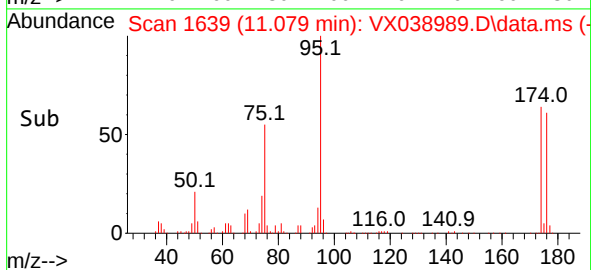
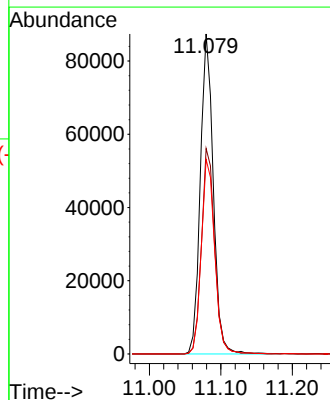
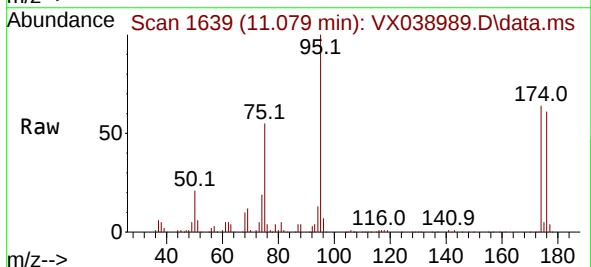
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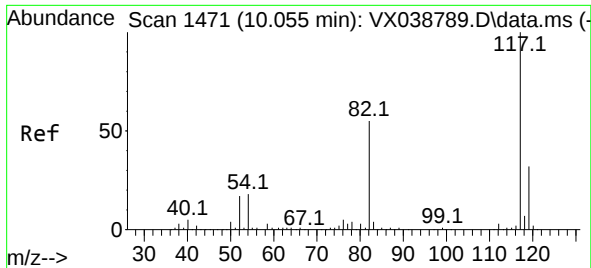
Tgt Ion: 98 Resp: 253730
Ion Ratio Lower Upper
98 100
100 64.1 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 49.705 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038989.D
Acq: 21 Nov 2023 16:58

Tgt Ion: 95 Resp: 109798
Ion Ratio Lower Upper
95 100
174 65.5 0.0 135.6
176 63.0 0.0 131.0

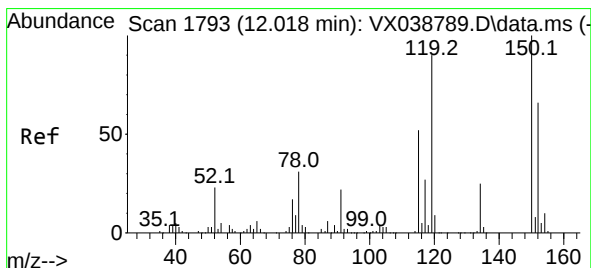
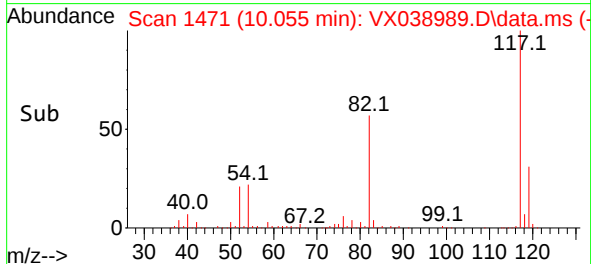
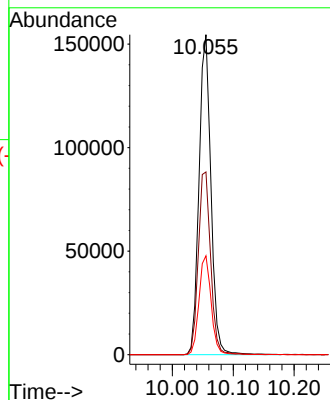
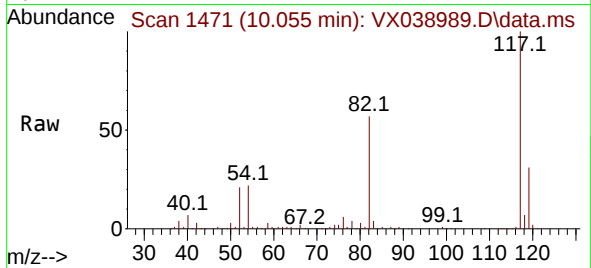




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038989.D
Acq: 21 Nov 2023 16:58

Instrument :
MSVOA_X
ClientSampleId :
TB05-20231113

Tgt Ion:117 Resp: 209408
Ion Ratio Lower Upper
117 100
82 57.1 46.2 69.4
119 30.9 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: VX038989.D
Acq: 21 Nov 2023 16:58

Tgt Ion:152 Resp: 102361
Ion Ratio Lower Upper
152 100
115 66.0 43.3 129.9
150 158.9 0.0 345.0

