

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100623\
 Data File : VX038140.D
 Acq On : 06 Oct 2023 18:51
 Operator : JC/MD
 Sample : PB156147TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB156147TB

Quant Time: Oct 07 04:24:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

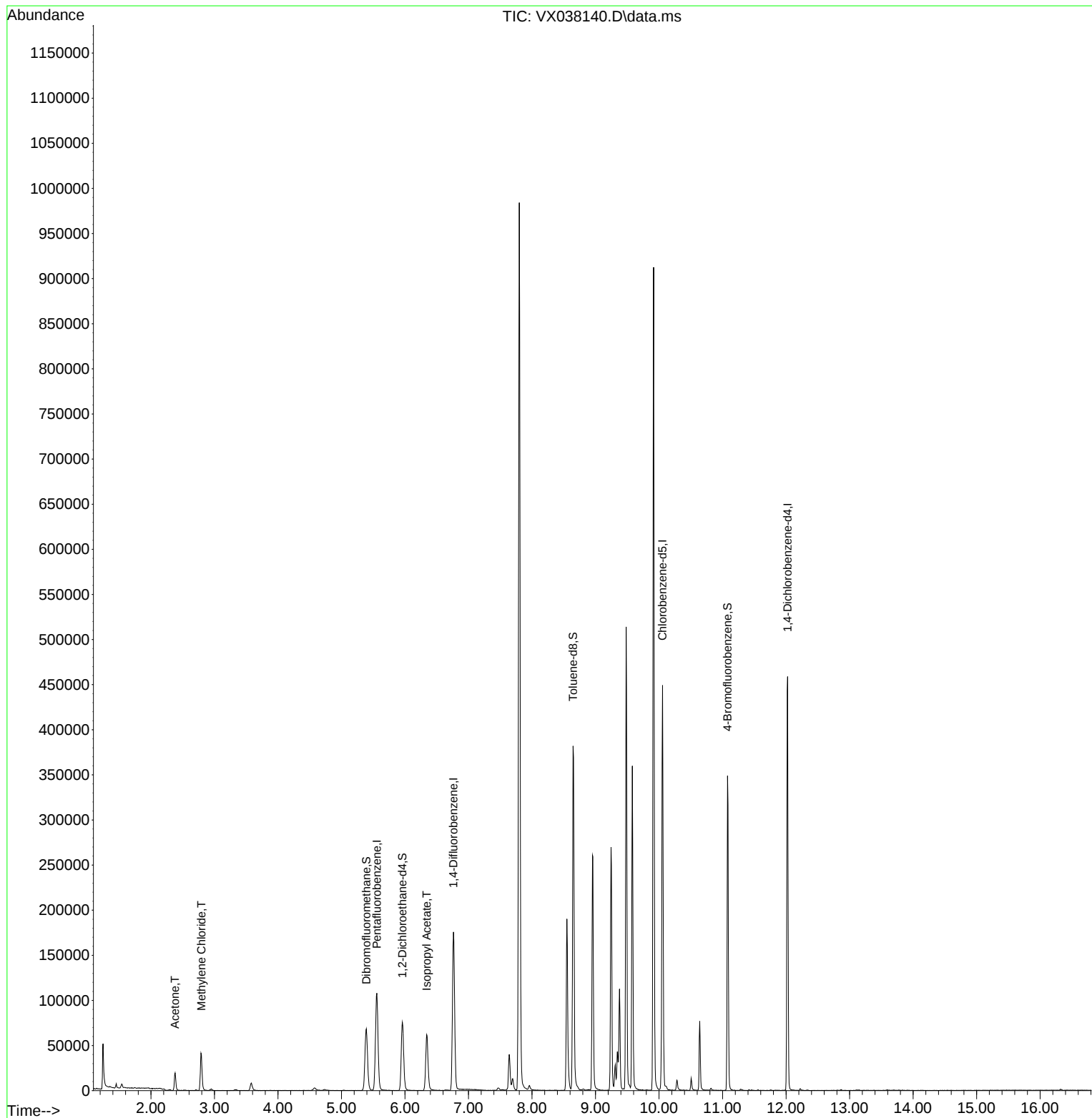
Internal Standards						
1) Pentafluorobenzene	5.556	168	99706	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	181131	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	190442	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93186	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	74389	46.386	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.780%
35) Dibromofluoromethane	5.391	113	57852	44.326	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.660%
50) Toluene-d8	8.647	98	234715	47.062	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.120%
62) 4-Bromofluorobenzene	11.079	95	88326	46.715	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.420%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	20236	30.234	ug/l	90
20) Methylene Chloride	2.794	84	19152	15.213	ug/l	94
43) Isopropyl Acetate	6.342	43	83914	26.298	ug/l	98

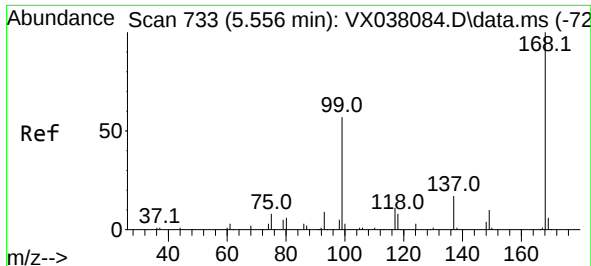
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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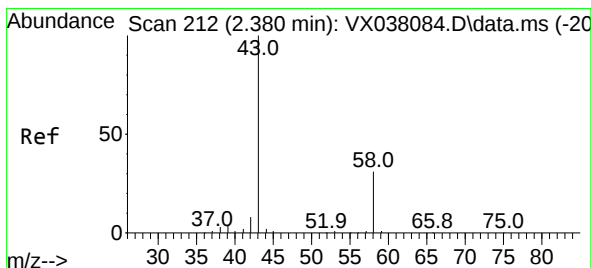
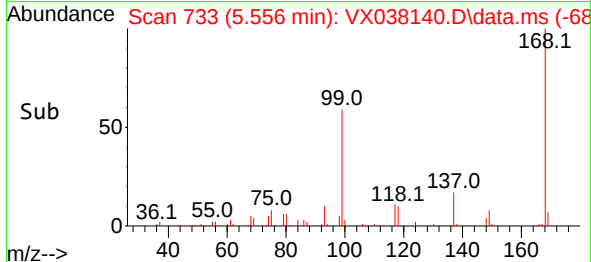
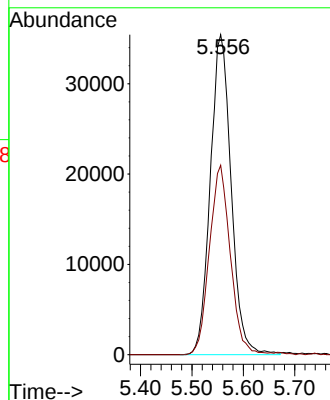
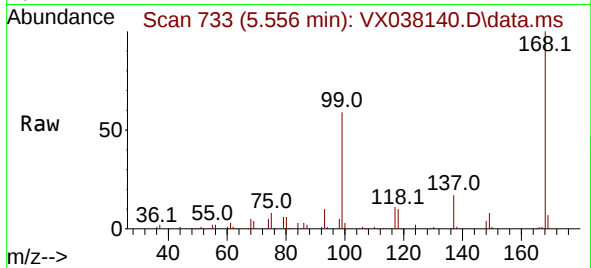




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.000 min
Lab File: VX038140.D
Acq: 06 Oct 2023 18:51

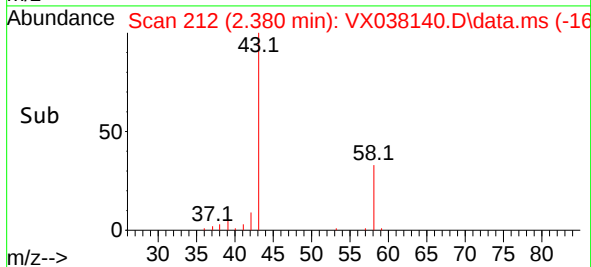
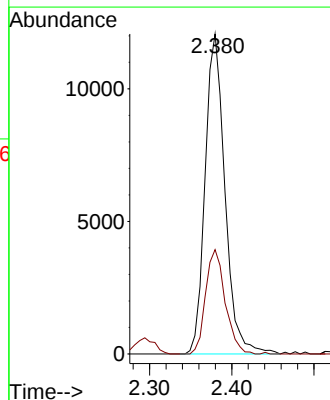
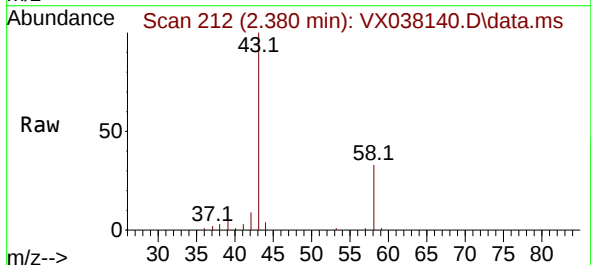
Instrument :
MSVOA_X
ClientSampleId :
PB156147TB

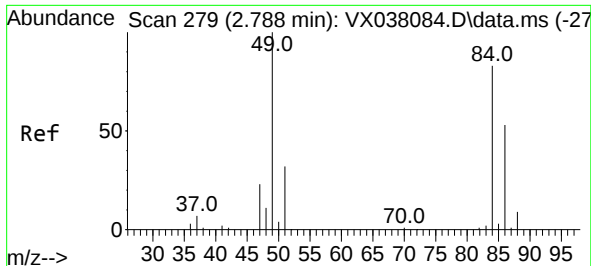
Tgt Ion:168 Resp: 99706
Ion Ratio Lower Upper
168 100
99 59.2 56.6 85.0



#16
Acetone
Concen: 30.234 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038140.D
Acq: 06 Oct 2023 18:51

Tgt Ion: 43 Resp: 20236
Ion Ratio Lower Upper
43 100
58 32.6 21.9 32.9

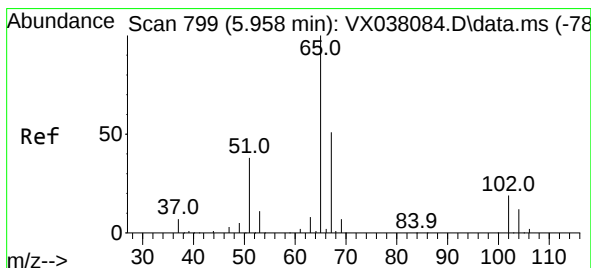
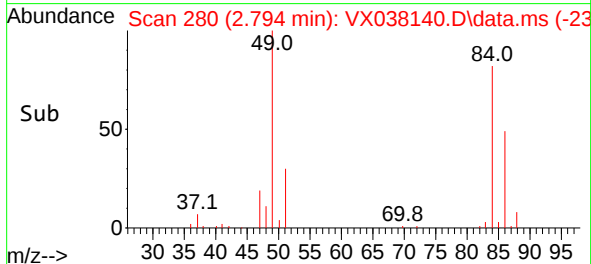
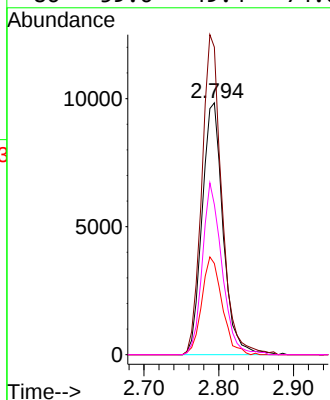
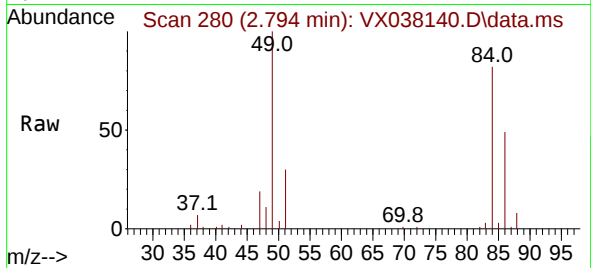




#20
Methylene Chloride
Concen: 15.213 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX038140.D
Acq: 06 Oct 2023 18:51

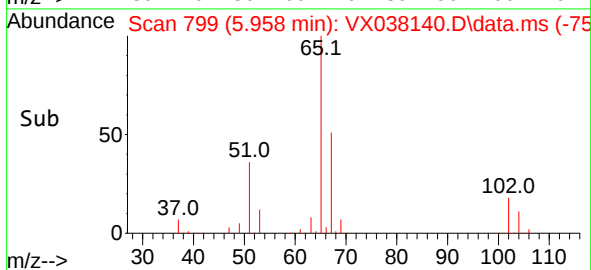
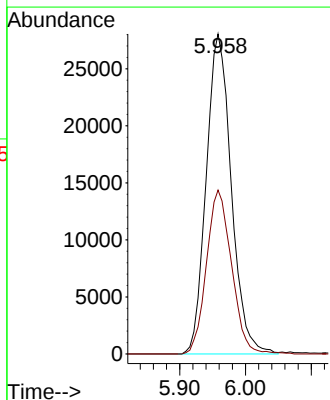
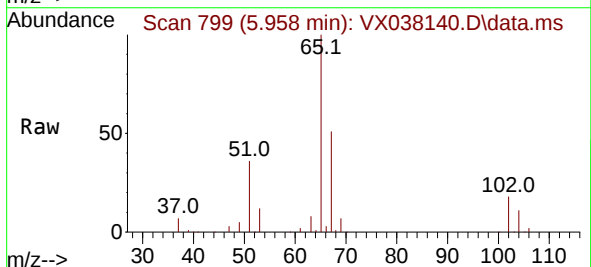
Instrument :
MSVOA_X
ClientSampleId :
PB156147TB

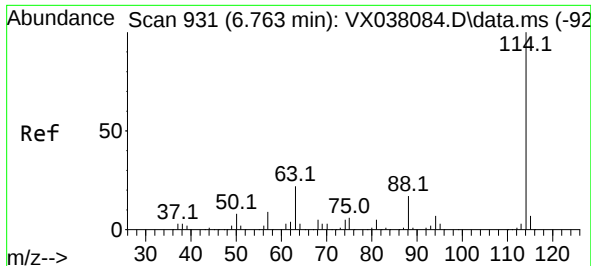
Tgt Ion: 84	Resp: 19152
Ion Ratio	Lower Upper
84 100	
49 122.1	103.6 155.4
51 36.2	33.8 50.6
86 59.6	49.4 74.0



#33
1,2-Dichloroethane-d4
Concen: 46.386 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038140.D
Acq: 06 Oct 2023 18:51

Tgt Ion: 65	Resp: 74389
Ion Ratio	Lower Upper
65 100	
67 51.3	0.0 100.2

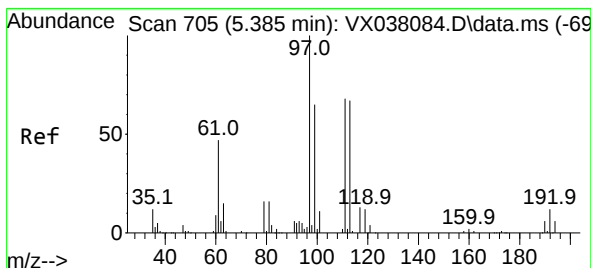
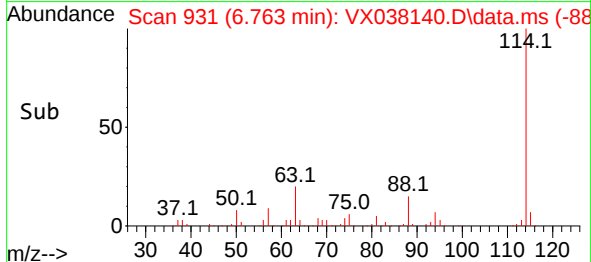
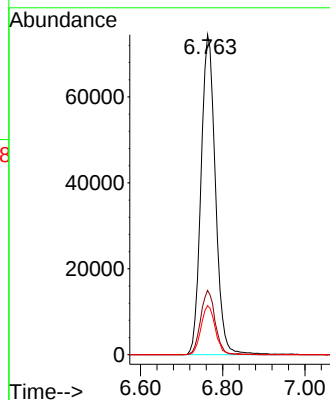
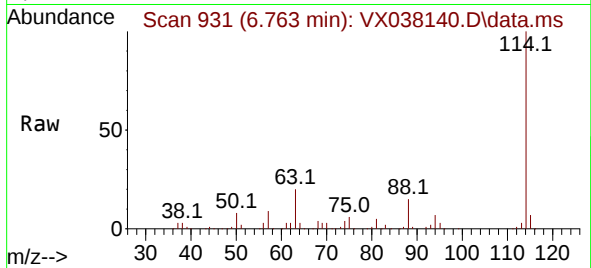




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX038140.D
Acq: 06 Oct 2023 18:51

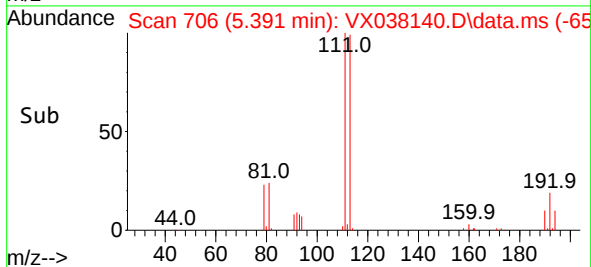
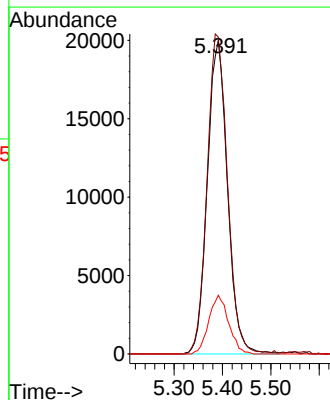
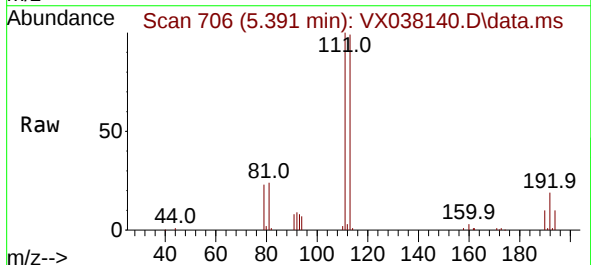
Instrument :
MSVOA_X
ClientSampleId :
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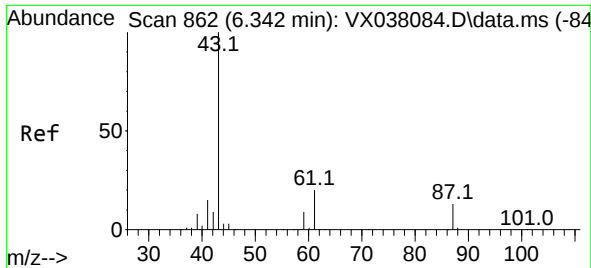
Tgt Ion:114 Resp: 181131
Ion Ratio Lower Upper
114 100
63 20.1 0.0 45.0
88 15.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.326 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX038140.D
Acq: 06 Oct 2023 18:51

Tgt Ion:113 Resp: 57852
Ion Ratio Lower Upper
113 100
111 103.2 82.9 124.3
192 18.4 13.3 19.9

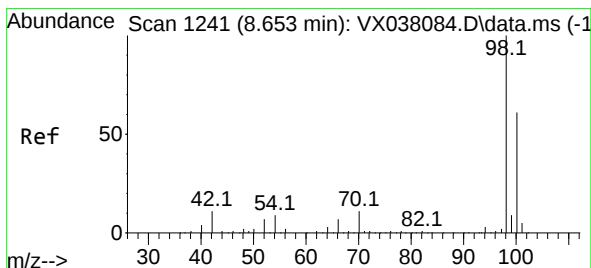
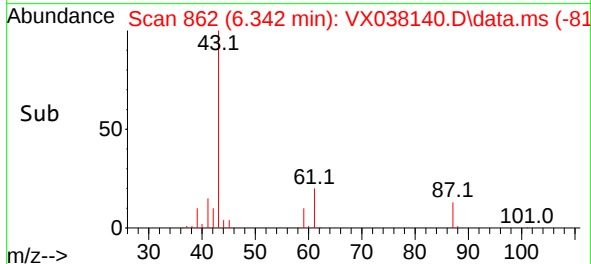
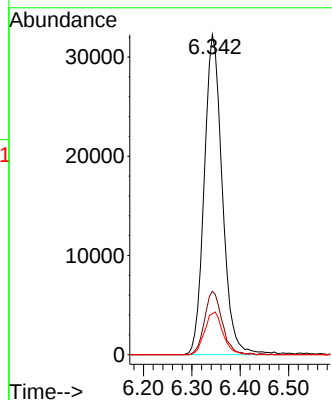
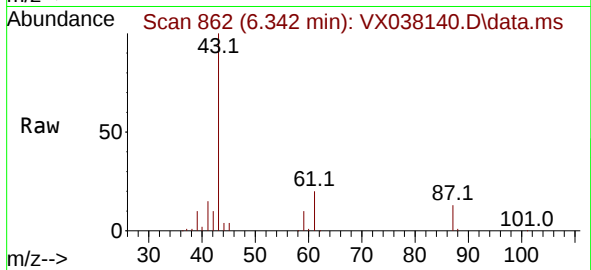




#43
Isopropyl Acetate
Concen: 26.298 ug/l
RT: 6.342 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX038140.D
Acq: 06 Oct 2023 18:51

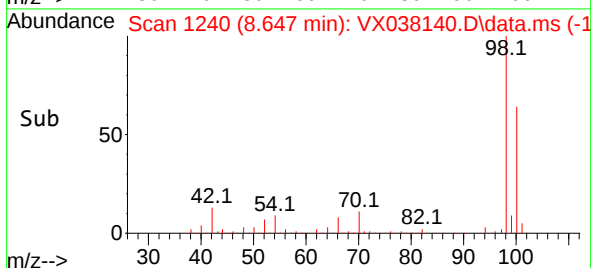
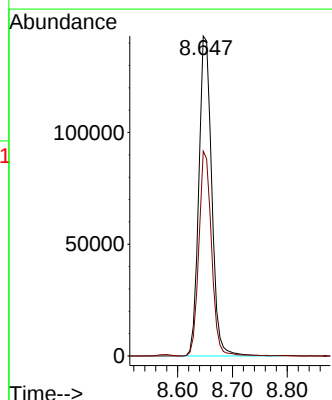
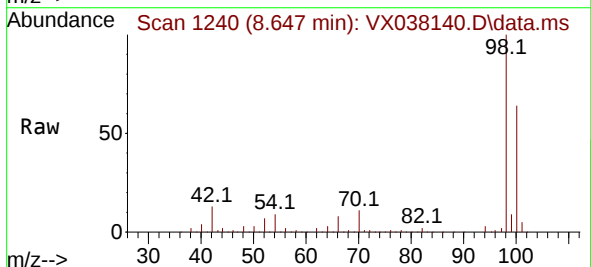
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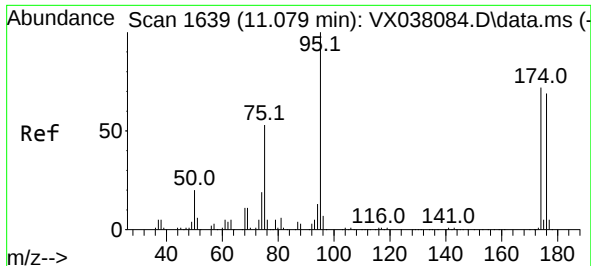
Tgt Ion: 43 Resp: 83914
Ion Ratio Lower Upper
43 100
61 19.4 15.2 22.8
87 13.5 9.8 14.6



#50
Toluene-d8
Concen: 47.062 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038140.D
Acq: 06 Oct 2023 18:51

Tgt Ion: 98 Resp: 234715
Ion Ratio Lower Upper
98 100
100 62.8 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 46.715 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038140.D

Acq: 06 Oct 2023 18:51

Instrument :

MSVOA_X

ClientSampleId :

PB156147TB

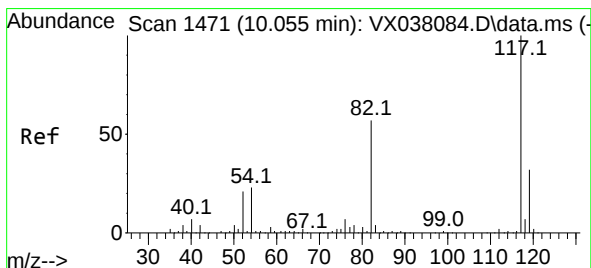
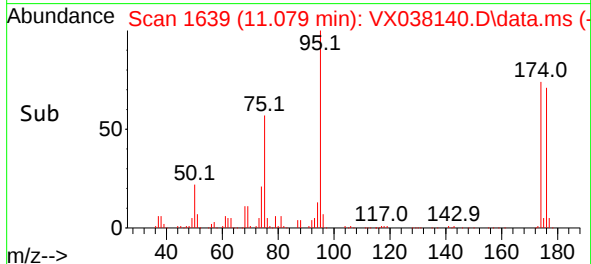
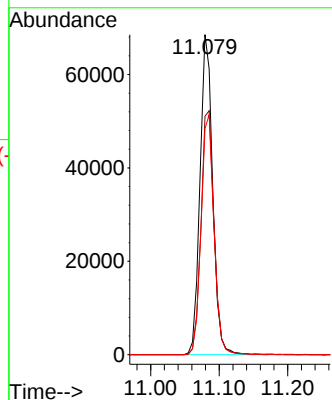
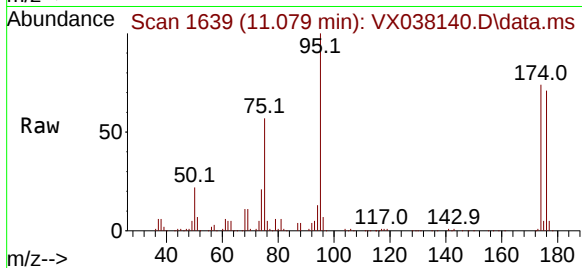
Tgt Ion: 95 Resp: 88326

Ion Ratio Lower Upper

95 100

174 78.7 0.0 135.6

176 76.1 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: VX038140.D

Acq: 06 Oct 2023 18:51

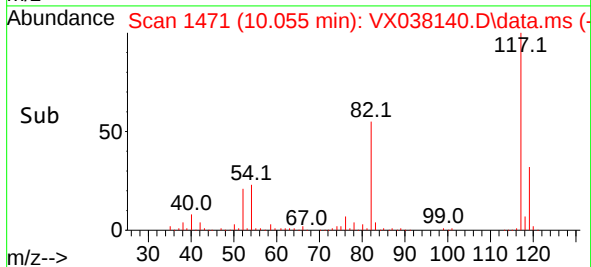
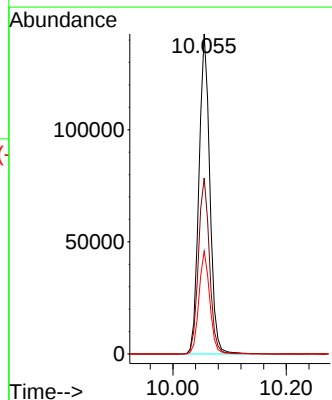
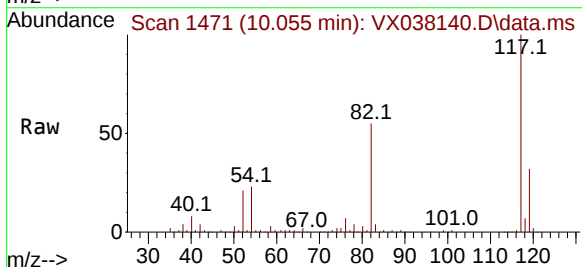
Tgt Ion: 117 Resp: 190442

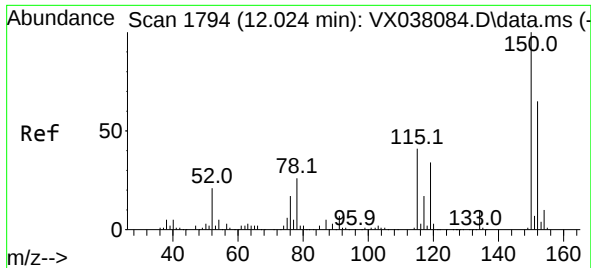
Ion Ratio Lower Upper

117 100

82 54.9 46.2 69.4

119 32.1 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: VX038140.D
 Acq: 06 Oct 2023 18:51

Instrument :
 MSVOA_X
 ClientSampleId :
 PB156147TB

Tgt Ion:152 Resp: 93186
 Ion Ratio Lower Upper
 152 100
 115 60.8 43.3 129.9
 150 157.5 0.0 345.0

