

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092523\
 Data File : VX037894.D
 Acq On : 25 Sep 2023 14:06
 Operator : JC/MD
 Sample : PB155756TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB155756TB

Quant Time: Sep 26 06:58:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

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

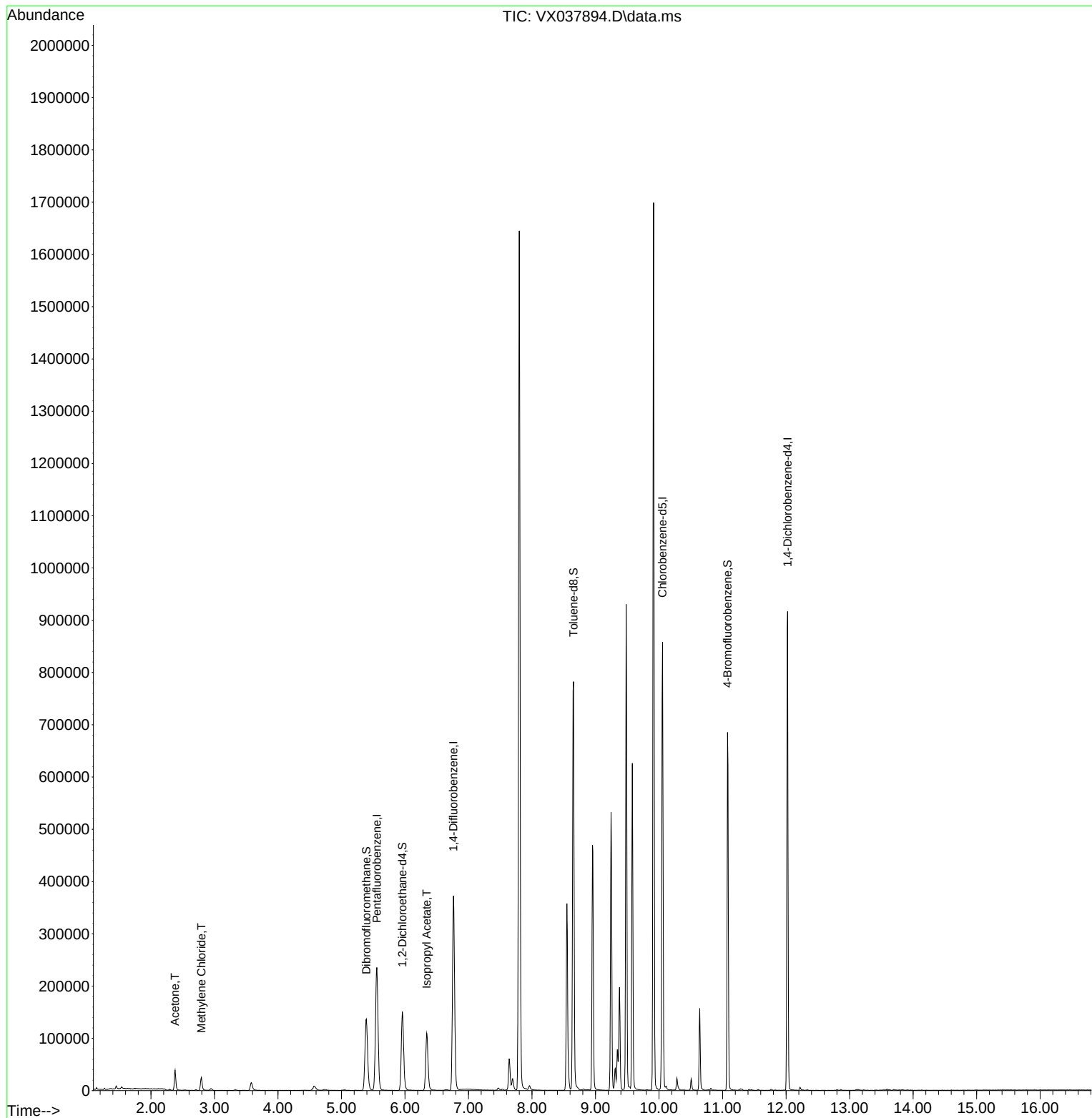
Internal Standards						
1) Pentafluorobenzene	5.556	168	224951	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	387130	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	384922	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	193736	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	142949	48.367	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.740%
35) Dibromofluoromethane	5.391	113	121355	46.850	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.700%
50) Toluene-d8	8.653	98	482797	50.163	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.320%
62) 4-Bromofluorobenzene	11.079	95	180981	51.747	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.500%
Target Compounds						
16) Acetone	2.380	43	40052	28.170	ug/l	Qvalue 92
20) Methylene Chloride	2.794	84	12498	4.732	ug/l	# 82
43) Isopropyl Acetate	6.342	43	145487	23.194	ug/l	96

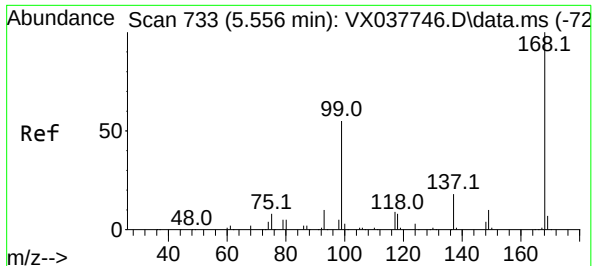
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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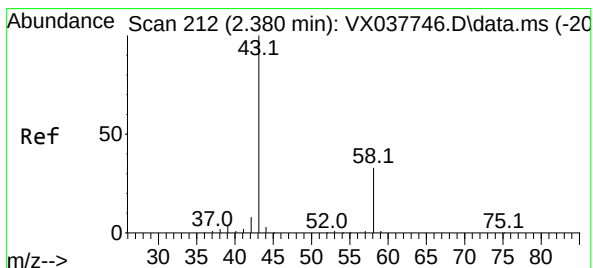
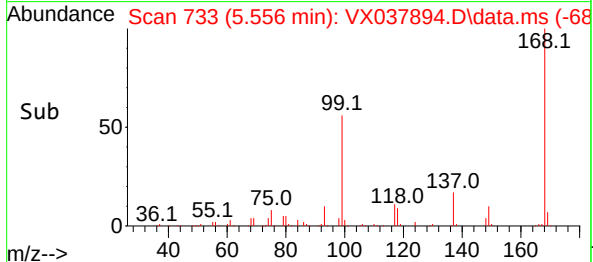
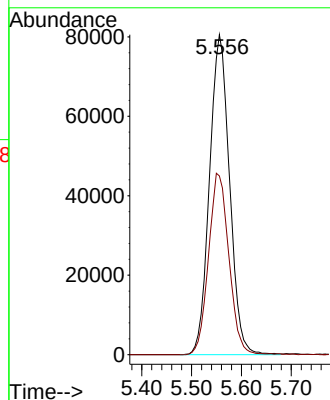
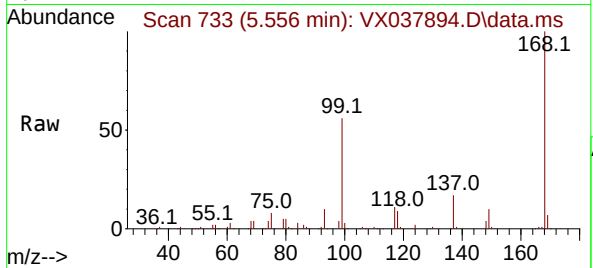




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037894.D
Acq: 25 Sep 2023 14:06

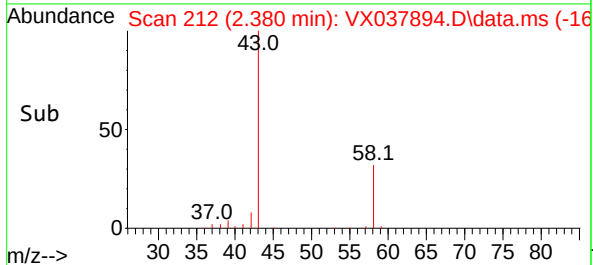
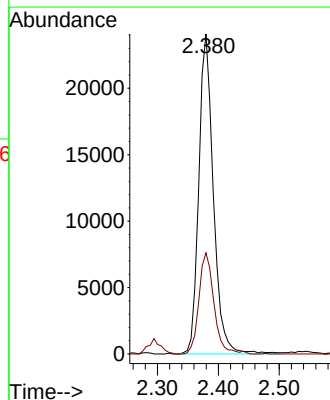
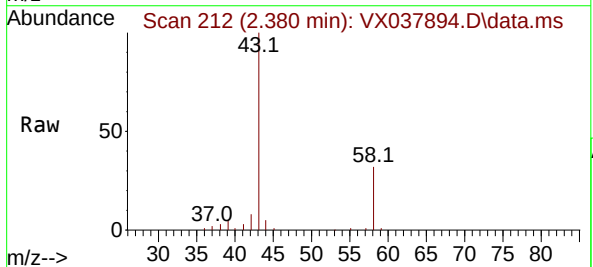
Instrument :
MSVOA_X
ClientSampleId :
PB155756TB

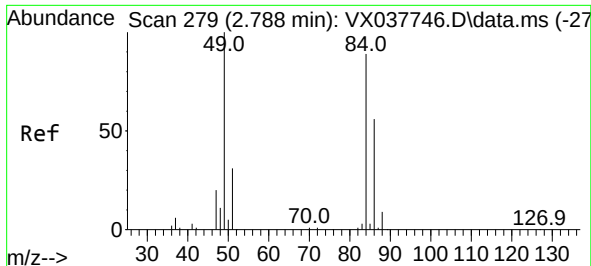
Tgt Ion:168 Resp: 224951
Ion Ratio Lower Upper
168 100
99 55.8 56.6 85.0#



#16
Acetone
Concen: 28.170 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX037894.D
Acq: 25 Sep 2023 14:06

Tgt Ion: 43 Resp: 40052
Ion Ratio Lower Upper
43 100
58 31.6 21.9 32.9

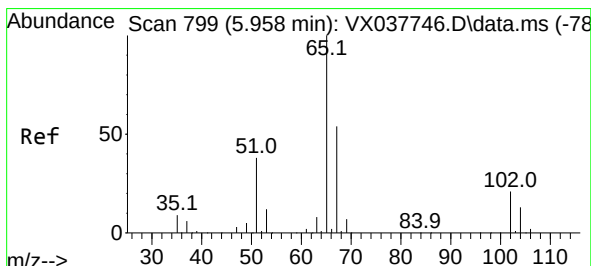
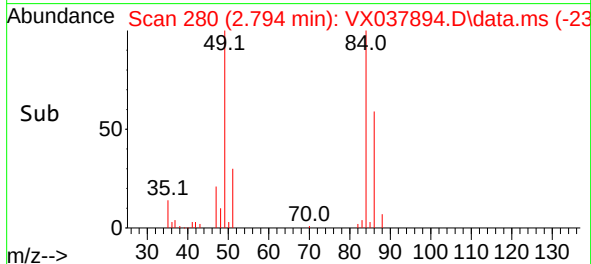
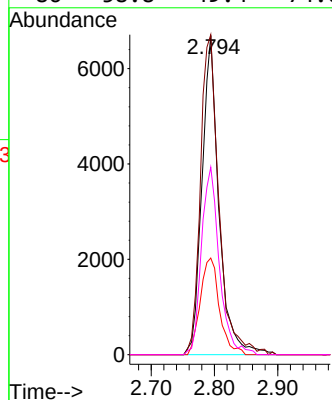
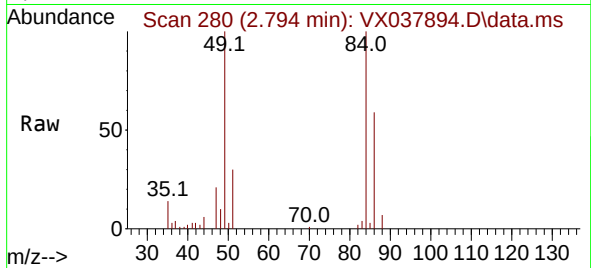




#20
Methylene Chloride
Concen: 4.732 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX037894.D
Acq: 25 Sep 2023 14:06

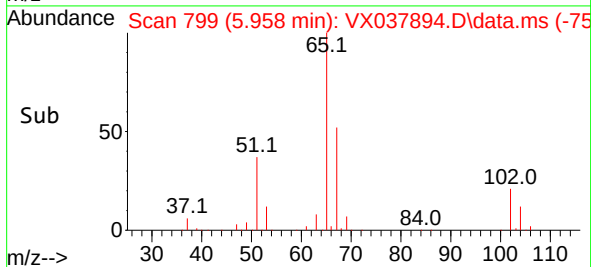
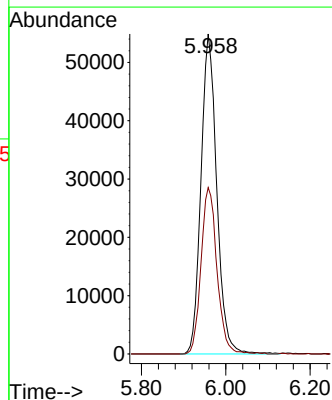
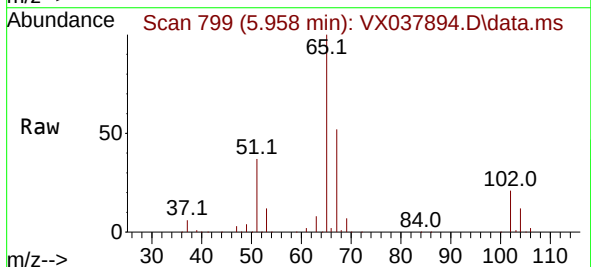
Instrument :
MSVOA_X
ClientSampleId :
PB155756TB

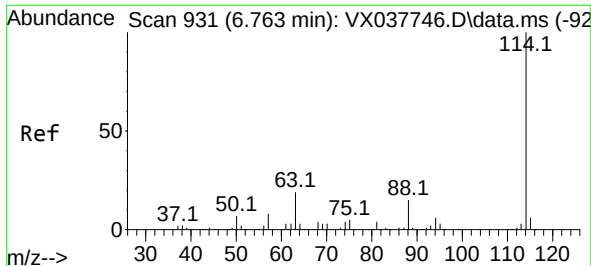
Tgt Ion: 84 Resp: 12498
Ion Ratio Lower Upper
84 100
49 100.3 103.6 155.4#
51 30.3 33.8 50.6#
86 58.8 49.4 74.0



#33
1,2-Dichloroethane-d4
Concen: 48.367 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037894.D
Acq: 25 Sep 2023 14:06

Tgt Ion: 65 Resp: 142949
Ion Ratio Lower Upper
65 100
67 52.4 0.0 100.2

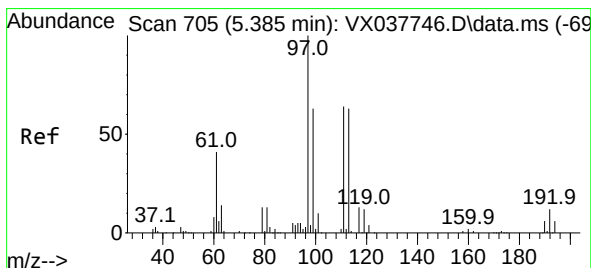
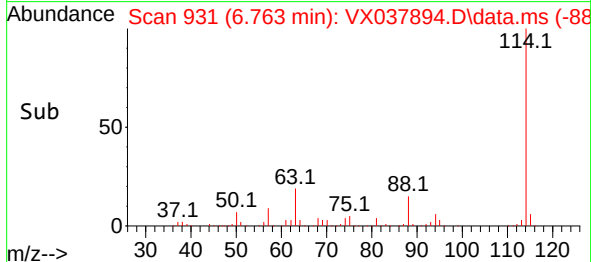
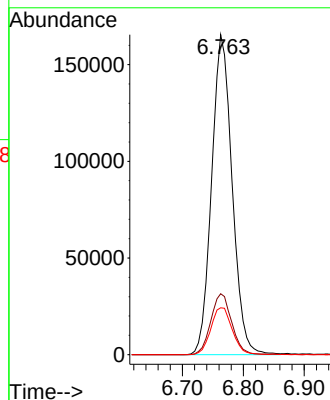
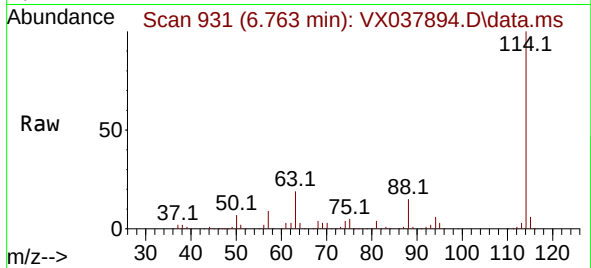




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX037894.D
Acq: 25 Sep 2023 14:06

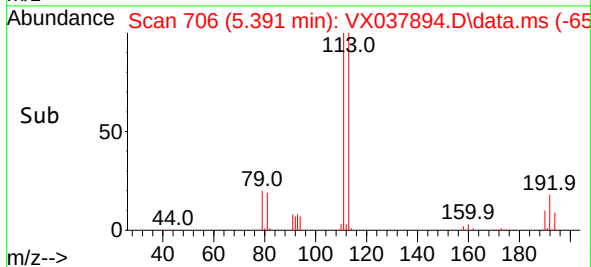
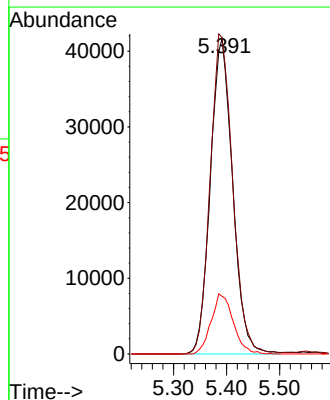
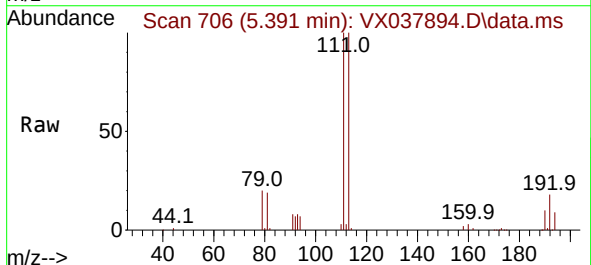
Instrument :
MSVOA_X
ClientSampleId :
PB155756TB

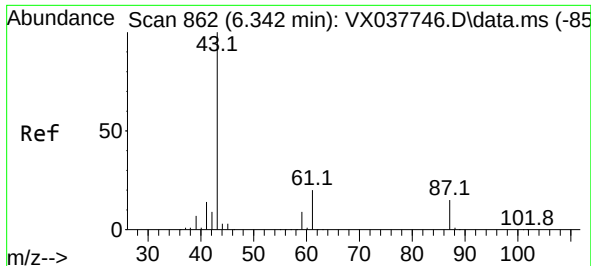
Tgt Ion:114 Resp: 387130
Ion Ratio Lower Upper
114 100
63 19.1 0.0 45.0
88 14.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.850 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX037894.D
Acq: 25 Sep 2023 14:06

Tgt Ion:113 Resp: 121355
Ion Ratio Lower Upper
113 100
111 102.4 82.9 124.3
192 18.9 13.3 19.9

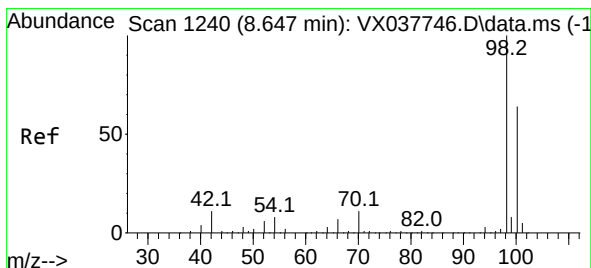
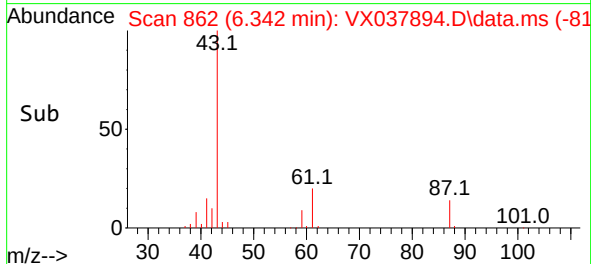
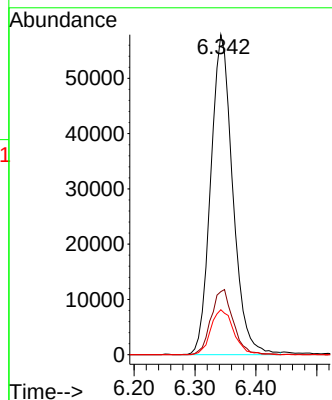
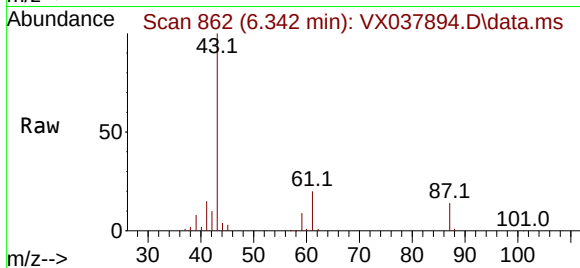




#43
Isopropyl Acetate
Concen: 23.194 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX037894.D
Acq: 25 Sep 2023 14:06

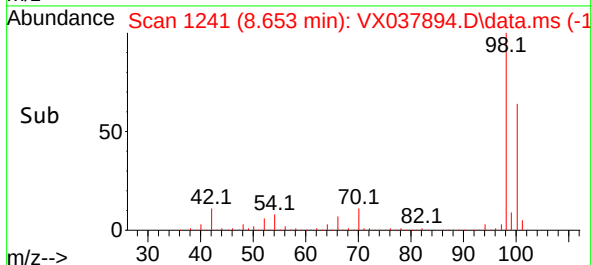
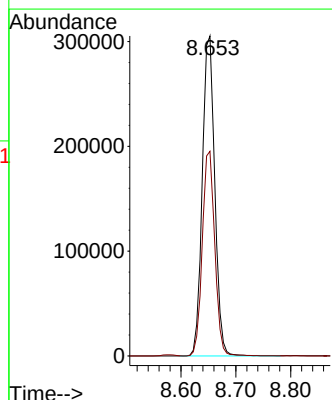
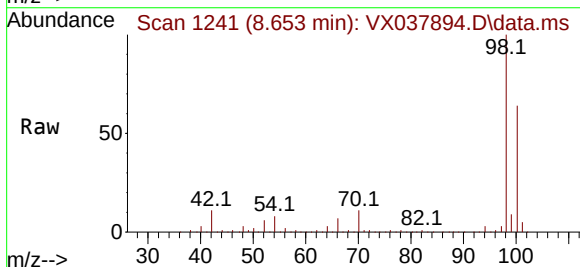
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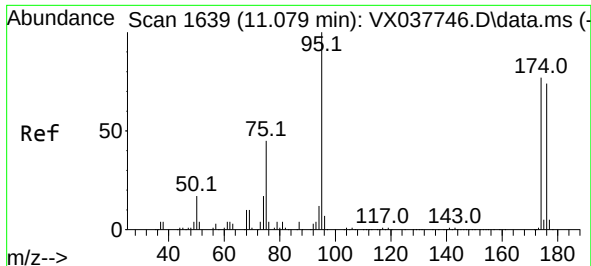
Tgt Ion: 43 Resp: 145487
Ion Ratio Lower Upper
43 100
61 20.4 15.2 22.8
87 14.6 9.8 14.6



#50
Toluene-d8
Concen: 50.163 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX037894.D
Acq: 25 Sep 2023 14:06

Tgt Ion: 98 Resp: 482797
Ion Ratio Lower Upper
98 100
100 64.1 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 51.747 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX037894.D

Acq: 25 Sep 2023 14:06

Instrument :

MSVOA_X

ClientSampleId :

PB155756TB

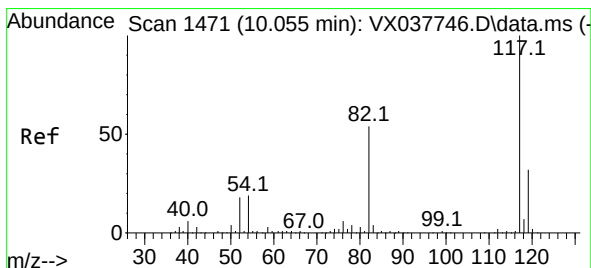
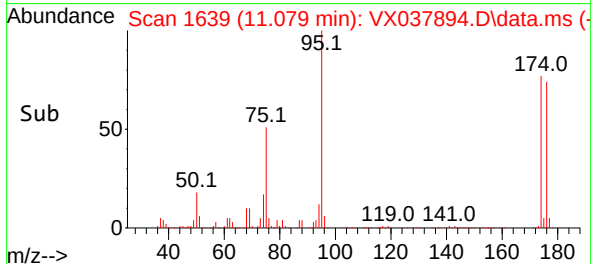
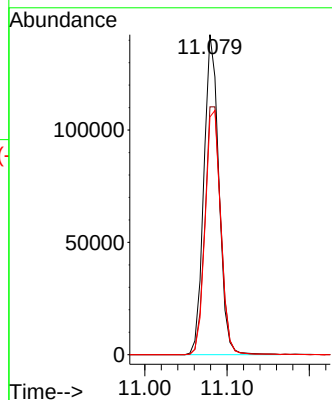
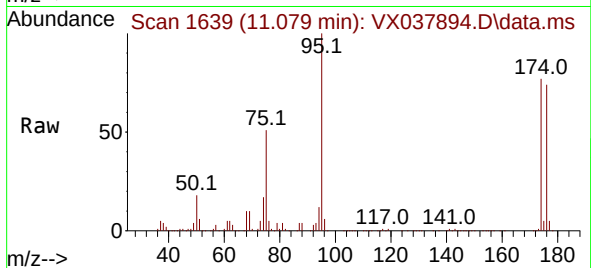
Tgt Ion: 95 Resp: 180981

Ion Ratio Lower Upper

95 100

174 81.9 0.0 135.6

176 79.3 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: VX037894.D

Acq: 25 Sep 2023 14:06

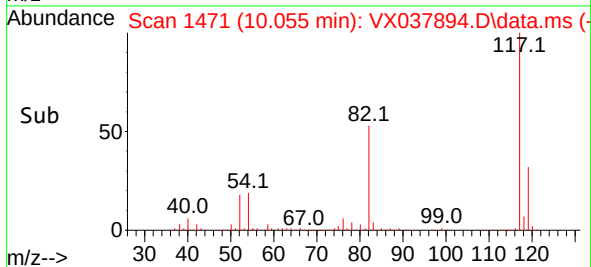
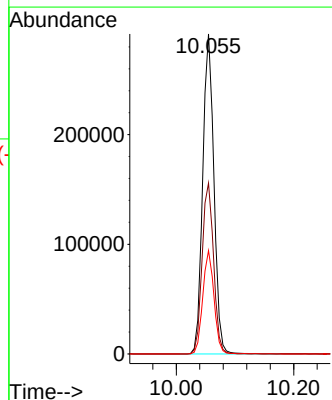
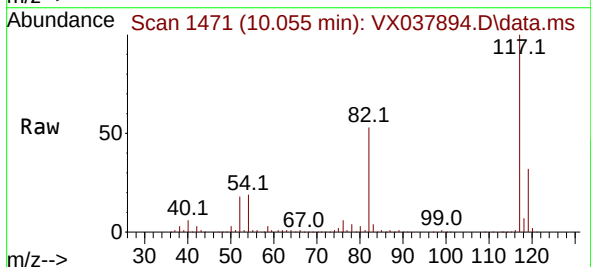
Tgt Ion: 117 Resp: 384922

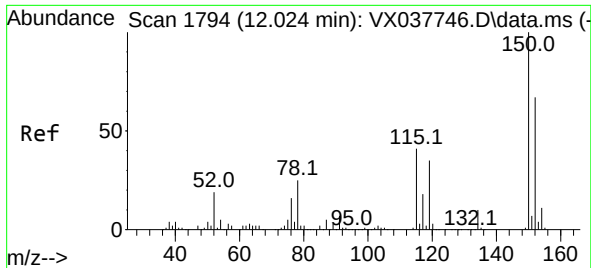
Ion Ratio Lower Upper

117 100

82 53.4 46.2 69.4

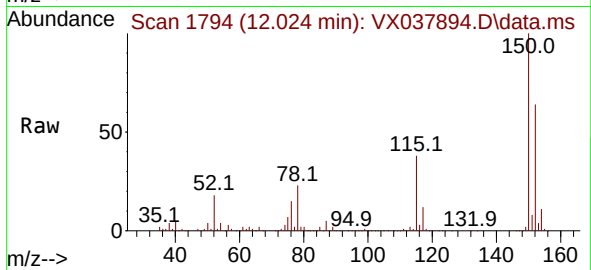
119 32.3 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX037894.D
 Acq: 25 Sep 2023 14:06

Instrument :
 MSVOA_X
 ClientSampleId :
 PB155756TB



Tgt Ion:152 Resp: 193736
 Ion Ratio Lower Upper
 152 100
 115 59.8 43.3 129.9
 150 155.6 0.0 345.0

