

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092623\
 Data File : VX037908.D
 Acq On : 26 Sep 2023 14:43
 Operator : JC/MD
 Sample : PB155811TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB155811TB

Quant Time: Sep 27 01:15:47 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)

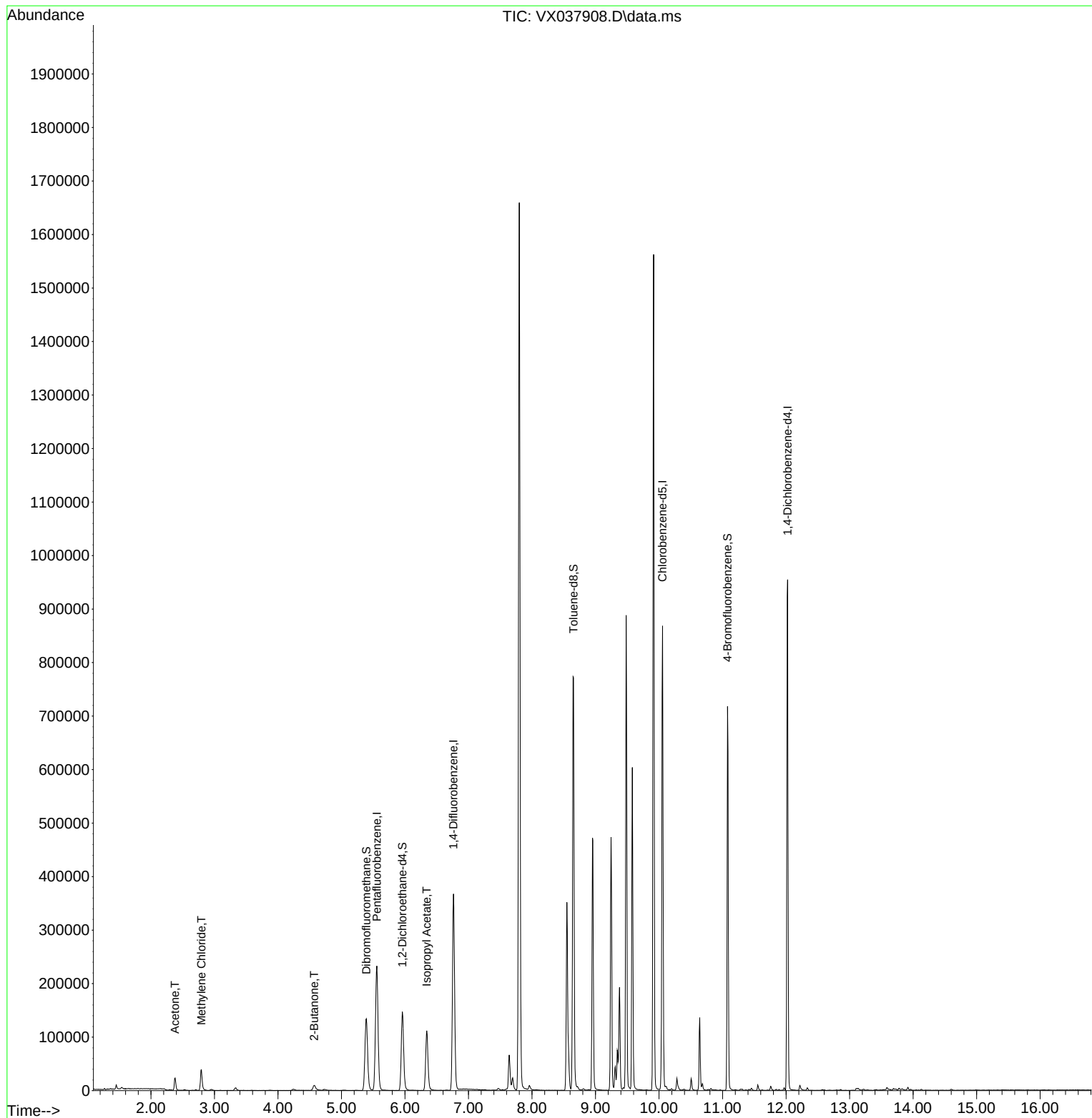
Internal Standards						
1) Pentafluorobenzene	5.556	168	223177	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	383427	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	387938	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	202534	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	139417	47.547	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.100%		
35) Dibromofluoromethane	5.391	113	119534	46.592	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.180%		
50) Toluene-d8	8.653	98	483115	50.681	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.360%		
62) 4-Bromofluorobenzene	11.079	95	183095	52.857	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	105.720%		
Target Compounds						
16) Acetone	2.380	43	24943	17.683	ug/l	91
20) Methylene Chloride	2.794	84	19778	7.563	ug/l	87
25) 2-Butanone	4.568	43	12890	6.476	ug/l	97
43) Isopropyl Acetate	6.342	43	150149	24.168	ug/l	96

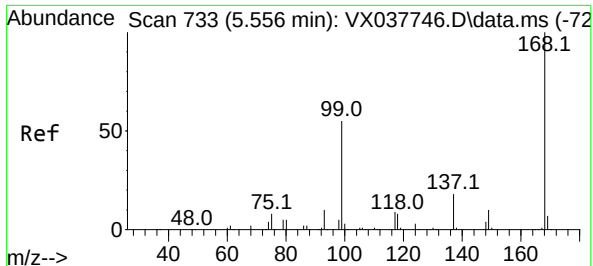
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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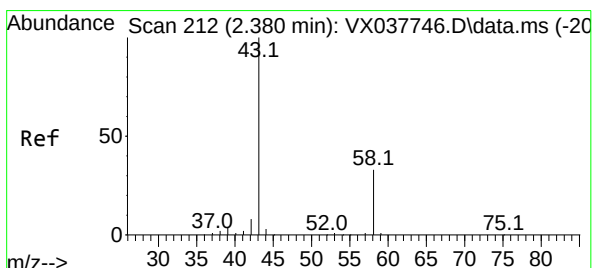
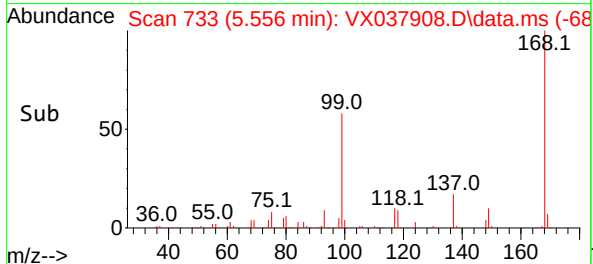
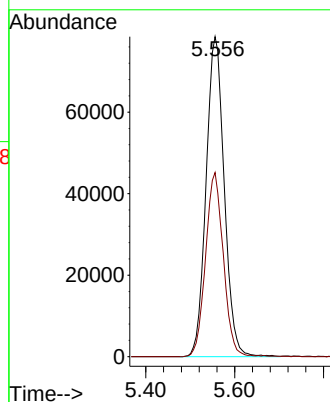
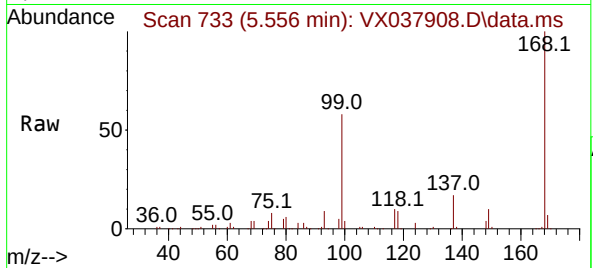




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037908.D
Acq: 26 Sep 2023 14:43

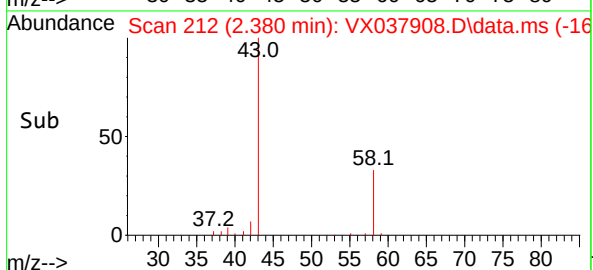
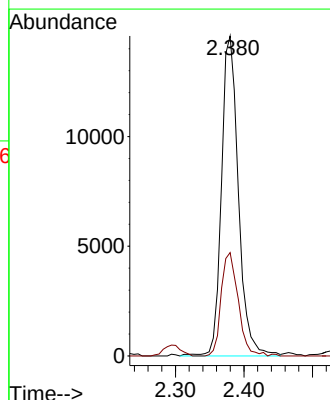
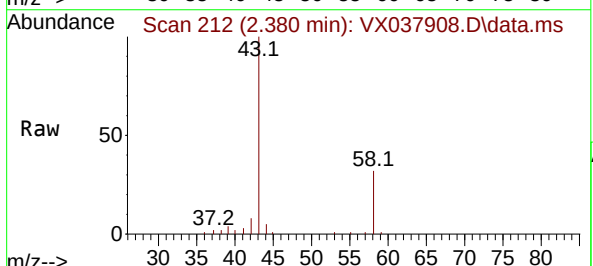
Instrument :
MSVOA_X
ClientSampleId :
PB155811TB

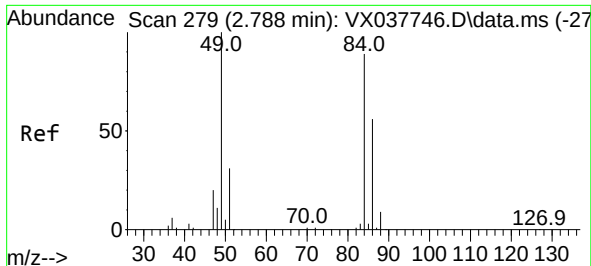
Tgt Ion:168 Resp: 223177
Ion Ratio Lower Upper
168 100
99 57.6 56.6 85.0



#16
Acetone
Concen: 17.683 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX037908.D
Acq: 26 Sep 2023 14:43

Tgt Ion: 43 Resp: 24943
Ion Ratio Lower Upper
43 100
58 32.3 21.9 32.9

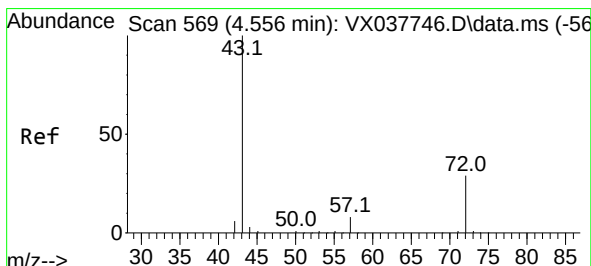
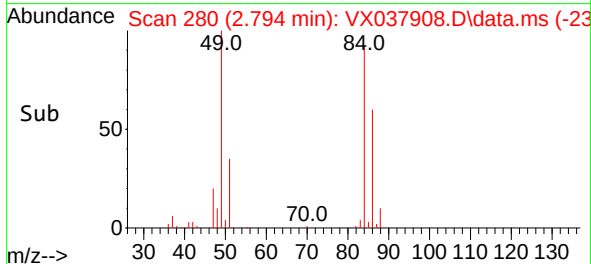
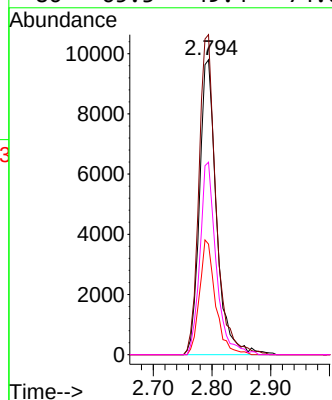
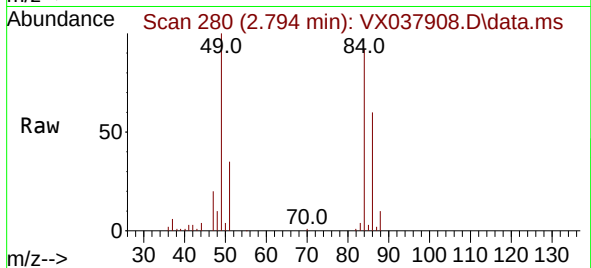




#20
Methylene Chloride
Concen: 7.563 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX037908.D
Acq: 26 Sep 2023 14:43

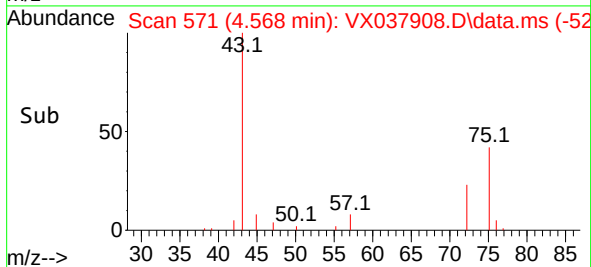
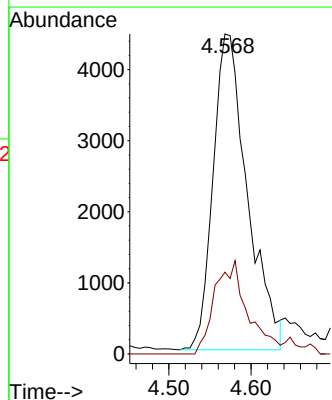
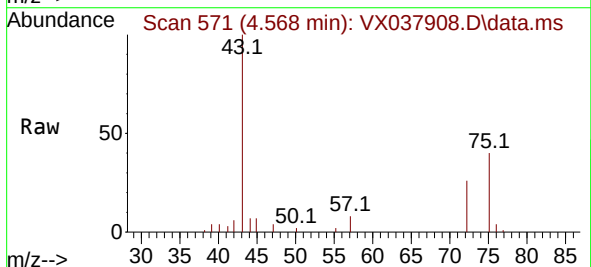
Instrument :
MSVOA_X
ClientSampleId :
PB155811TB

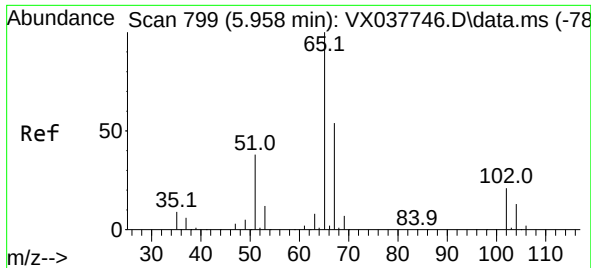
Tgt Ion:	84	Resp:	19778
Ion	Ratio	Lower	Upper
84	100		
49	108.5	103.6	155.4
51	37.5	33.8	50.6
86	65.3	49.4	74.0



#25
2-Butanone
Concen: 6.476 ug/l
RT: 4.568 min Scan# 571
Delta R.T. -0.000 min
Lab File: VX037908.D
Acq: 26 Sep 2023 14:43

Tgt Ion:	43	Resp:	12890
Ion	Ratio	Lower	Upper
43	100		
72	25.9	19.4	29.2

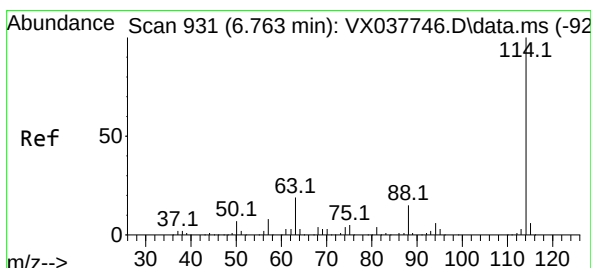
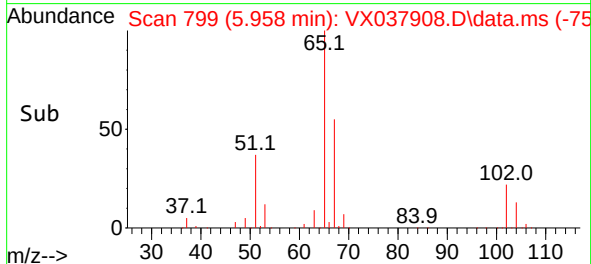
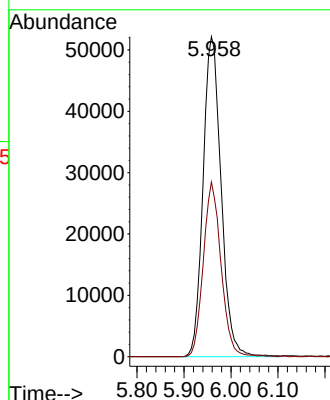
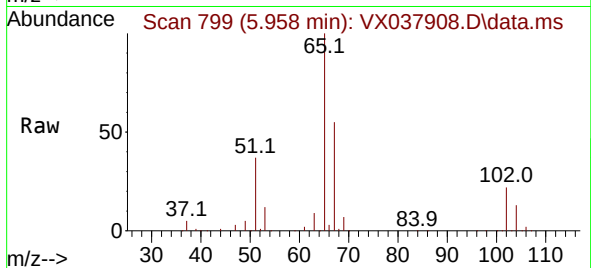




#33
 1,2-Dichloroethane-d4
 Concen: 47.547 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX037908.D
 Acq: 26 Sep 2023 14:43

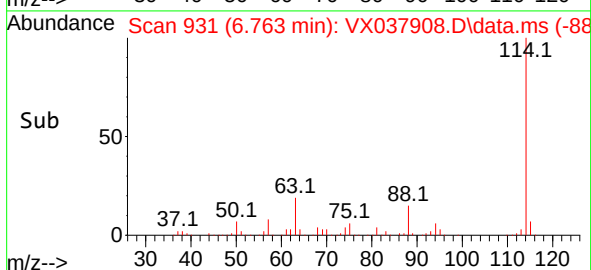
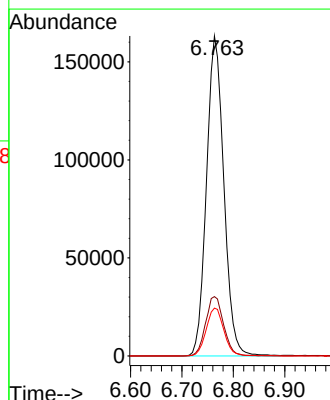
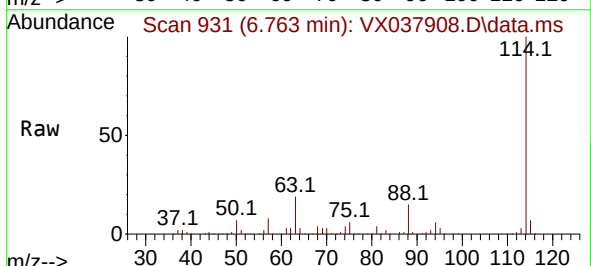
Instrument :
 MSVOA_X
 ClientSampleId :
 PB155811TB

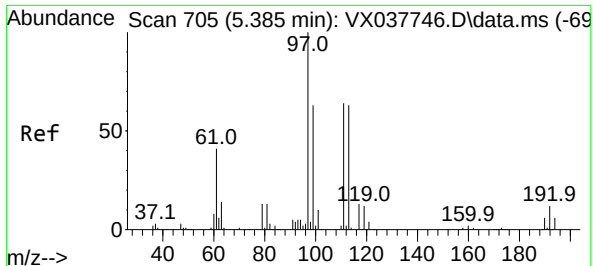
Tgt Ion: 65 Resp: 139417
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX037908.D
 Acq: 26 Sep 2023 14:43

Tgt Ion: 114 Resp: 383427
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 45.0
 88 15.0 0.0 36.6

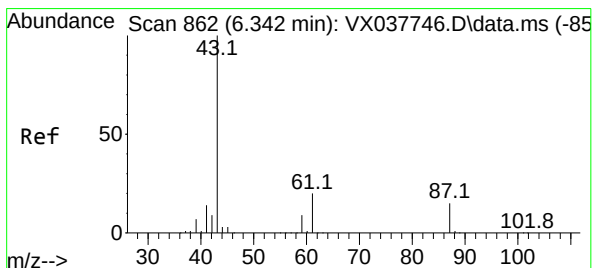
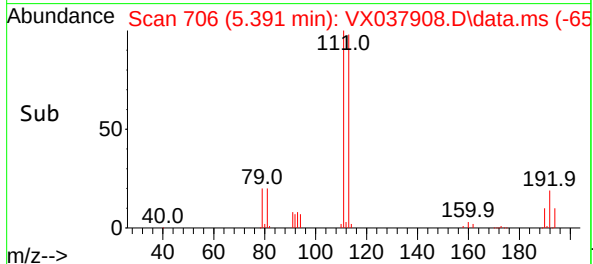
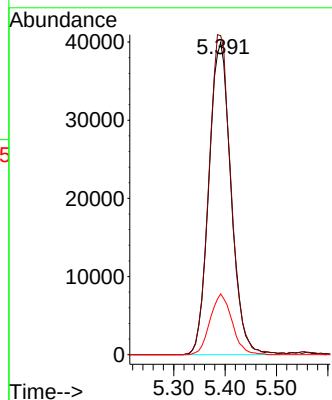
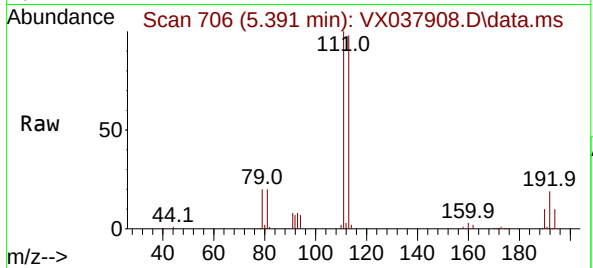




#35
Dibromofluoromethane
Concen: 46.592 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX037908.D
Acq: 26 Sep 2023 14:43

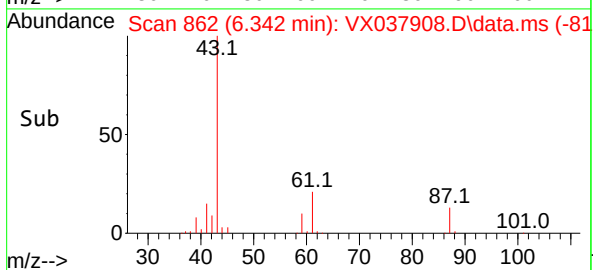
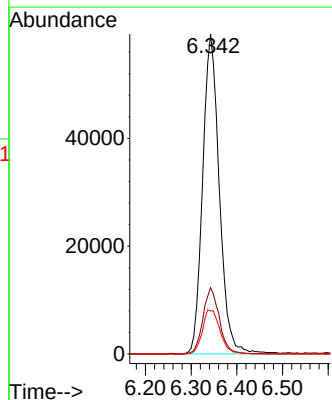
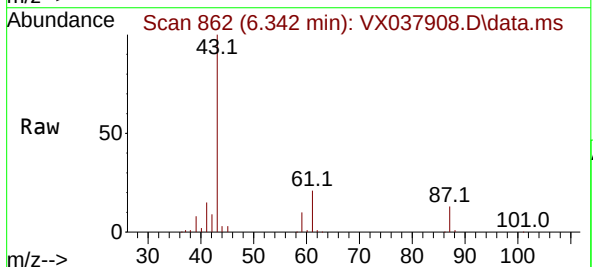
Instrument :
MSVOA_X
ClientSampleId :
PB155811TB

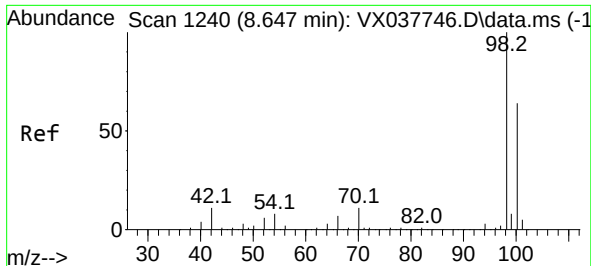
Tgt Ion:113 Resp: 119534
Ion Ratio Lower Upper
113 100
111 102.4 82.9 124.3
192 19.3 13.3 19.9



#43
Isopropyl Acetate
Concen: 24.168 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX037908.D
Acq: 26 Sep 2023 14:43

Tgt Ion: 43 Resp: 150149
Ion Ratio Lower Upper
43 100
61 20.2 15.2 22.8
87 14.6 9.8 14.6





#50

Toluene-d8

Concen: 50.681 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX037908.D

Acq: 26 Sep 2023 14:43

Instrument :

MSVOA_X

ClientSampleId :

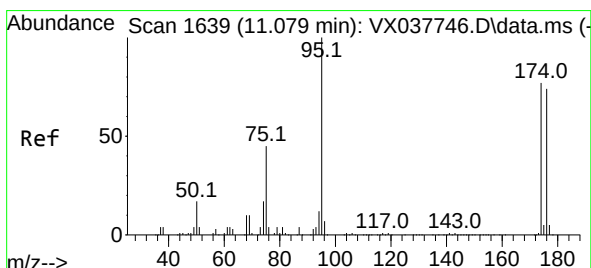
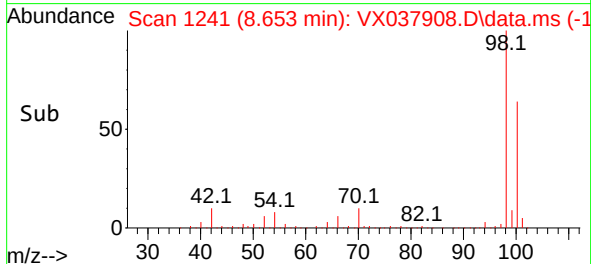
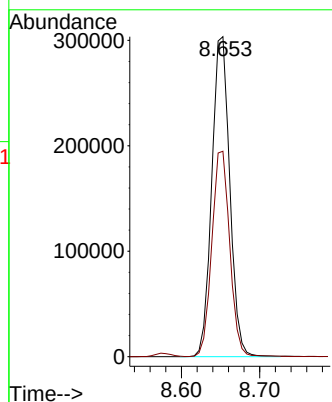
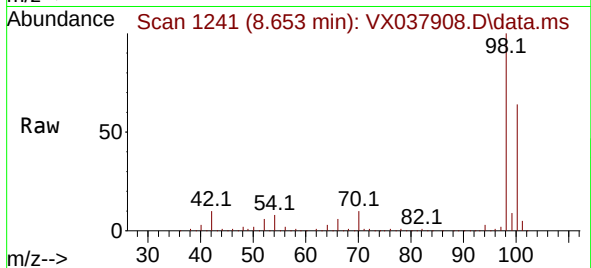
PB155811TB

Tgt Ion: 98 Resp: 483115

Ion Ratio Lower Upper

98 100

100 64.0 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 52.857 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX037908.D

Acq: 26 Sep 2023 14:43

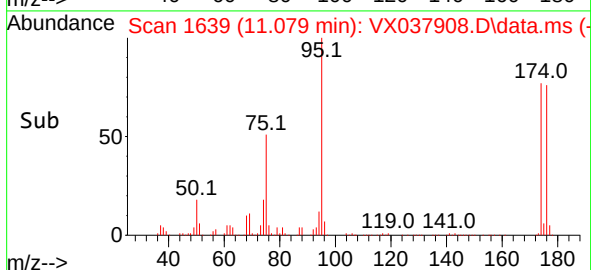
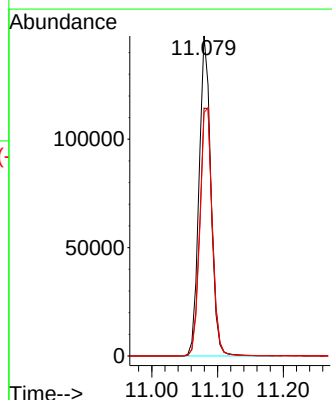
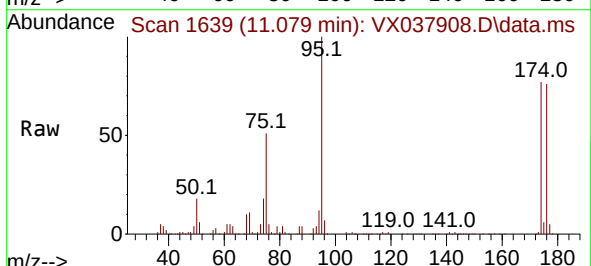
Tgt Ion: 95 Resp: 183095

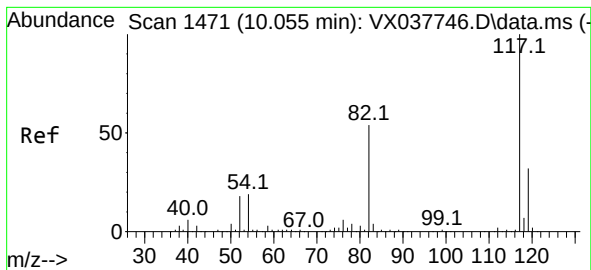
Ion Ratio Lower Upper

95 100

174 82.7 0.0 135.6

176 80.8 0.0 131.0

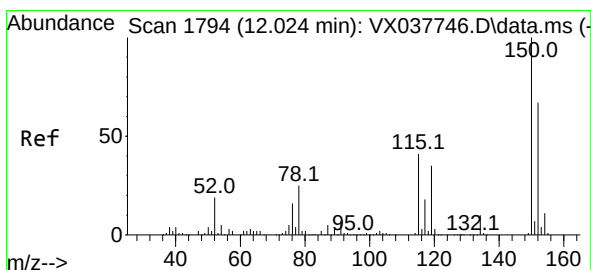
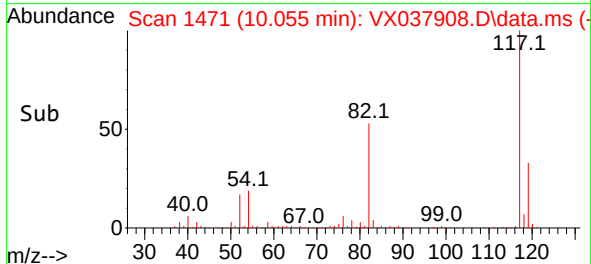
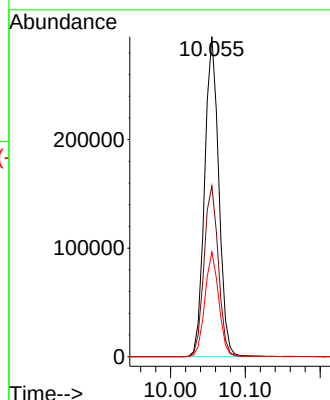
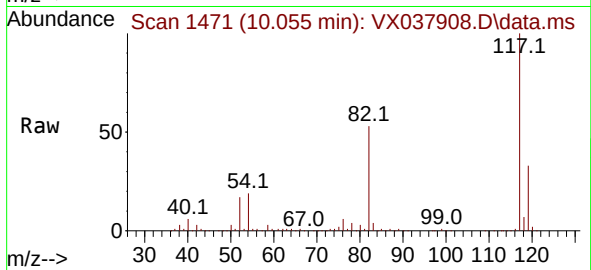




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037908.D
Acq: 26 Sep 2023 14:43

Instrument :
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ClientSampleId :
PB155811TB

Tgt Ion:117 Resp: 387938
Ion Ratio Lower Upper
117 100
82 53.4 46.2 69.4
119 32.7 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037908.D
Acq: 26 Sep 2023 14:43

Tgt Ion:152 Resp: 202534
Ion Ratio Lower Upper
152 100
115 60.0 43.3 129.9
150 157.3 0.0 345.0

