

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093023\
 Data File : VX037995.D
 Acq On : 30 Sep 2023 11:49
 Operator : JC/MD
 Sample : PB155992TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB155992TB

Quant Time: Oct 02 02:08:11 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)

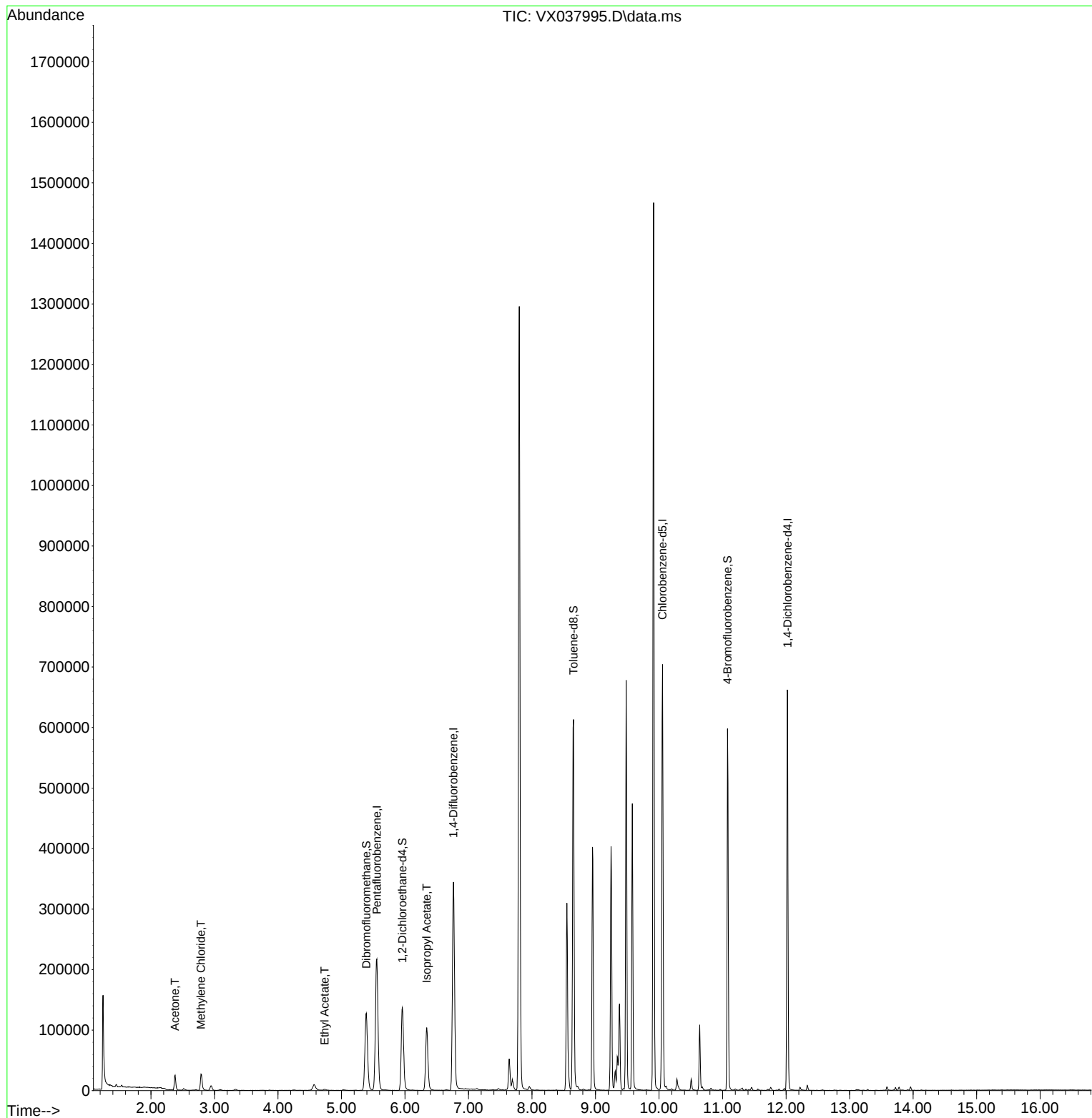
Internal Standards						
1) Pentafluorobenzene	5.556	168	210662	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	362369	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	317910	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	140387	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	129344	46.732	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.460%
35) Dibromofluoromethane	5.391	113	111223	45.872	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.740%
50) Toluene-d8	8.653	98	379436	42.117	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	84.240%#
62) 4-Bromofluorobenzene	11.079	95	152118	46.467	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.940%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	26453	19.867	ug/l	97
20) Methylene Chloride	2.788	84	14282	5.780	ug/l	90
37) Ethyl Acetate	4.733	43	3872	1.055	ug/l #	93
43) Isopropyl Acetate	6.342	43	138581	23.603	ug/l #	95

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

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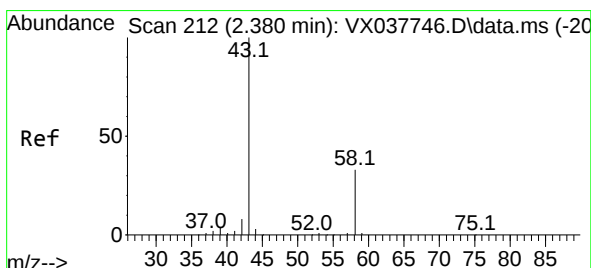
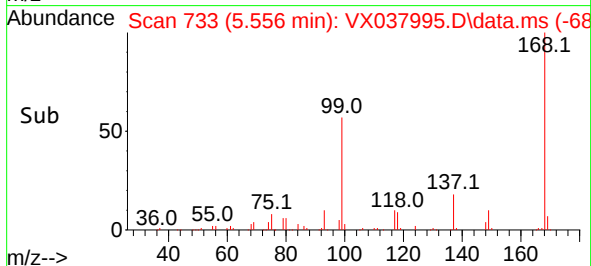
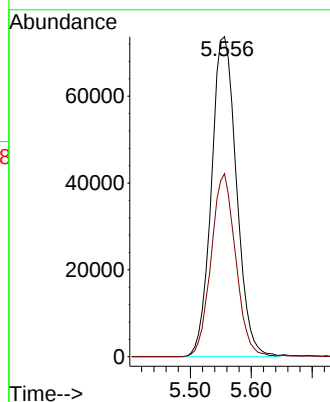
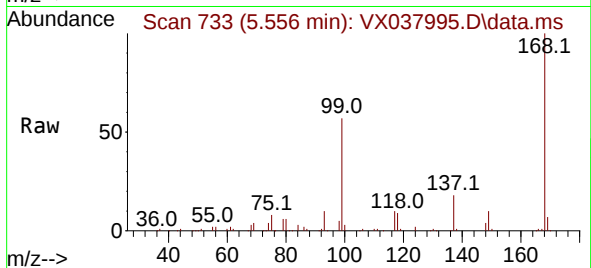




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037995.D
Acq: 30 Sep 2023 11:49

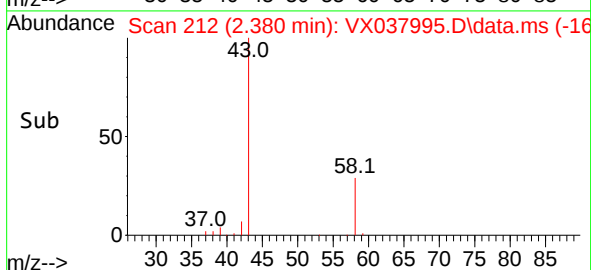
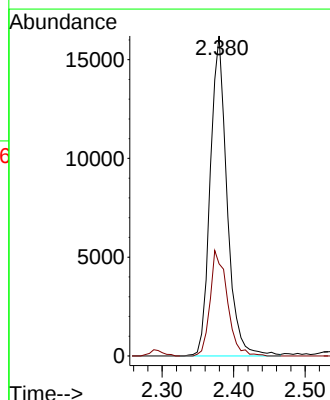
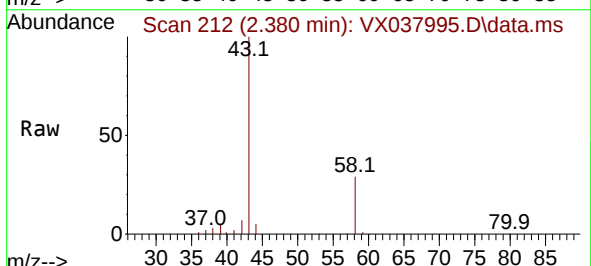
Instrument :
MSVOA_X
ClientSampleId :
PB155992TB

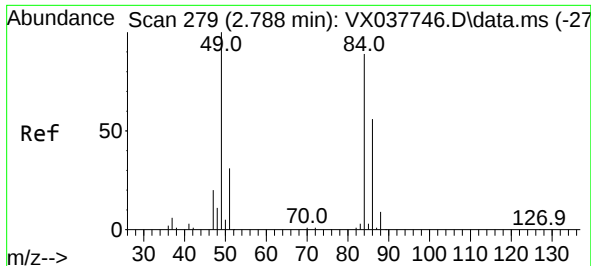
Tgt Ion:168 Resp: 210662
Ion Ratio Lower Upper
168 100
99 57.2 56.6 85.0



#16
Acetone
Concen: 19.867 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX037995.D
Acq: 30 Sep 2023 11:49

Tgt Ion: 43 Resp: 26453
Ion Ratio Lower Upper
43 100
58 28.8 21.9 32.9

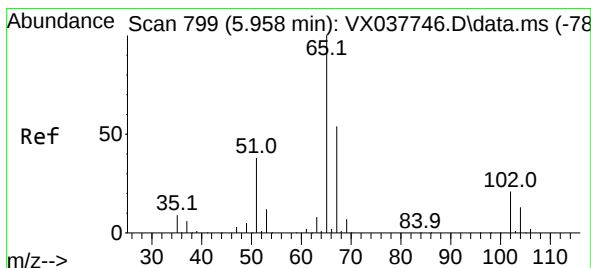
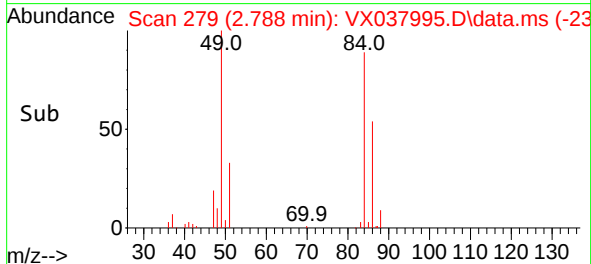
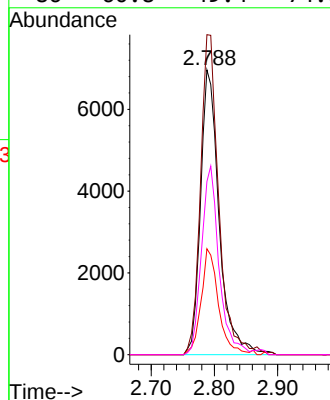
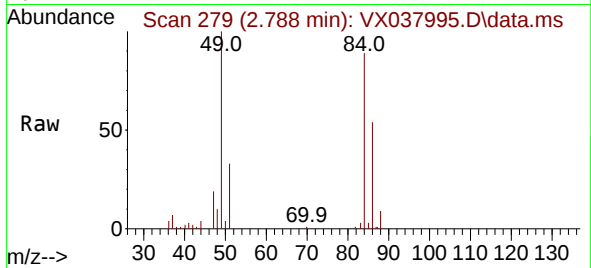




#20
Methylene Chloride
Concen: 5.780 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX037995.D
Acq: 30 Sep 2023 11:49

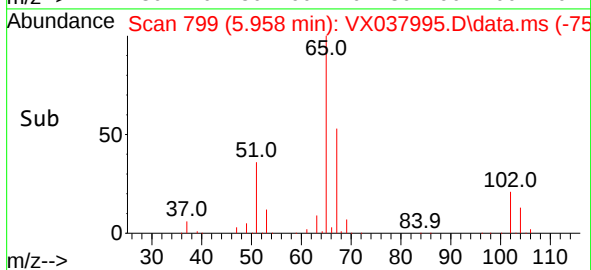
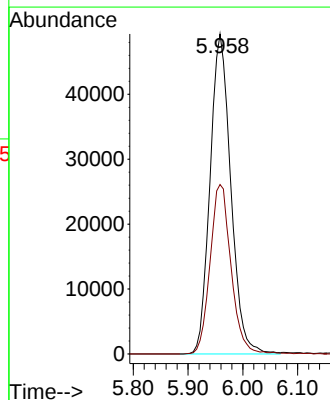
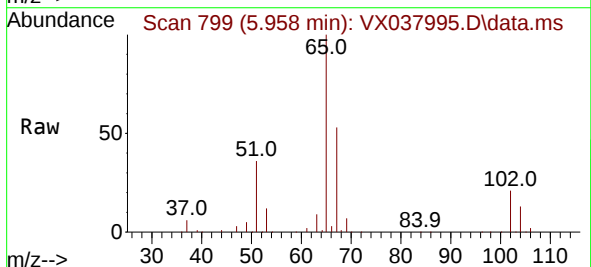
Instrument :
MSVOA_X
ClientSampleId :
PB155992TB

Tgt Ion:	84	Resp:	14282
Ion	Ratio	Lower	Upper
84	100		
49	112.3	103.6	155.4
51	37.2	33.8	50.6
86	60.8	49.4	74.0



#33
1,2-Dichloroethane-d4
Concen: 46.732 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037995.D
Acq: 30 Sep 2023 11:49

Tgt Ion:	65	Resp:	129344
Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	100.2

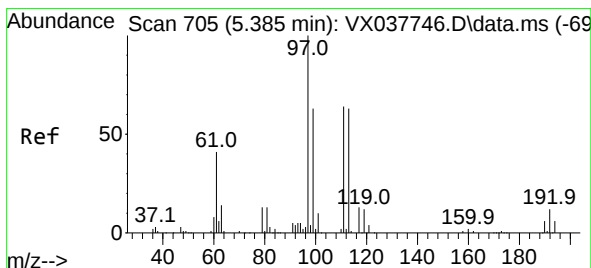
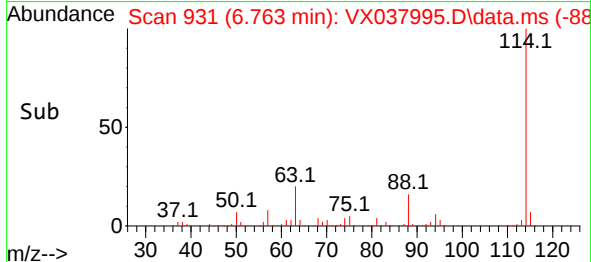
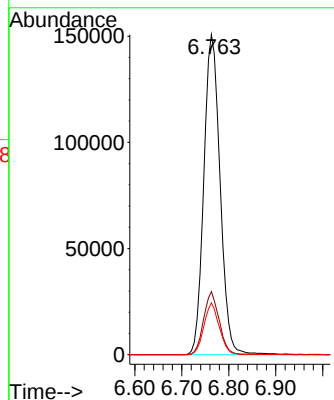
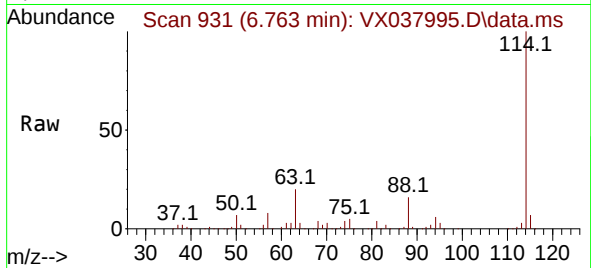




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX037995.D
Acq: 30 Sep 2023 11:49

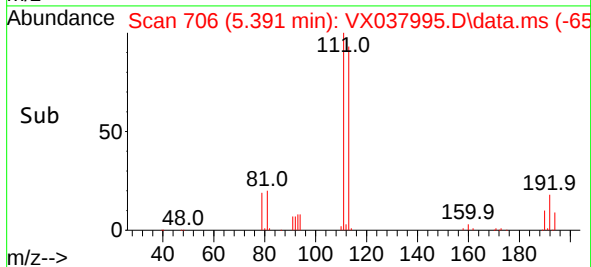
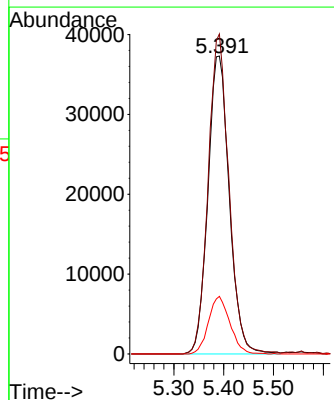
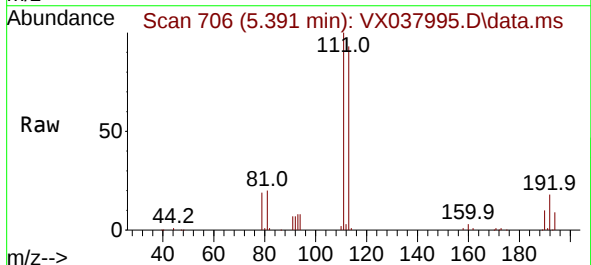
Instrument :
MSVOA_X
ClientSampleId :
PB155992TB

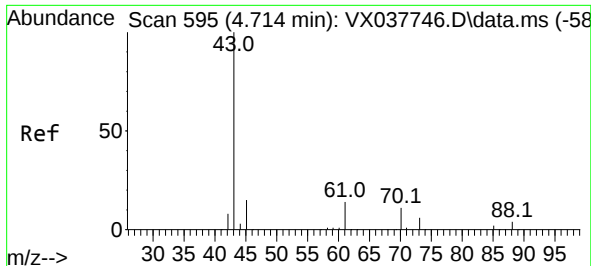
Tgt Ion:114 Resp: 362369
Ion Ratio Lower Upper
114 100
63 19.7 0.0 45.0
88 16.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.872 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX037995.D
Acq: 30 Sep 2023 11:49

Tgt Ion:113 Resp: 111223
Ion Ratio Lower Upper
113 100
111 103.9 82.9 124.3
192 19.3 13.3 19.9





#37

Ethyl Acetate

Concen: 1.055 ug/l

RT: 4.733 min Scan# 595

Delta R.T. -0.000 min

Lab File: VX037995.D

Acq: 30 Sep 2023 11:49

Instrument :

MSVOA_X

ClientSampleId :

PB155992TB

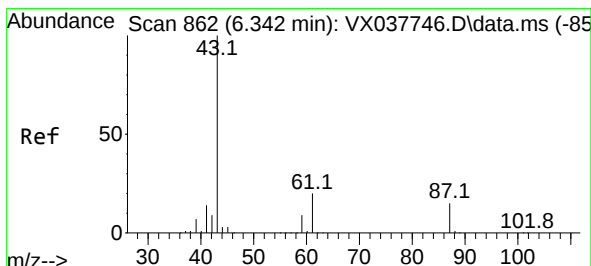
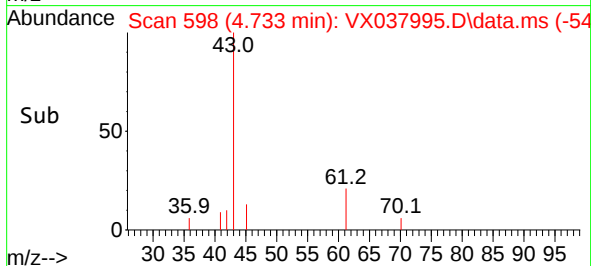
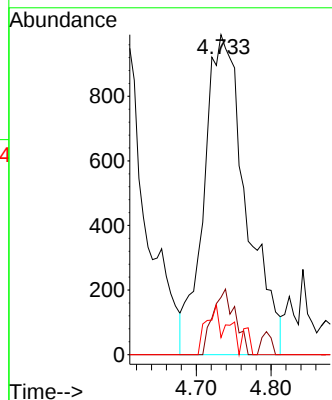
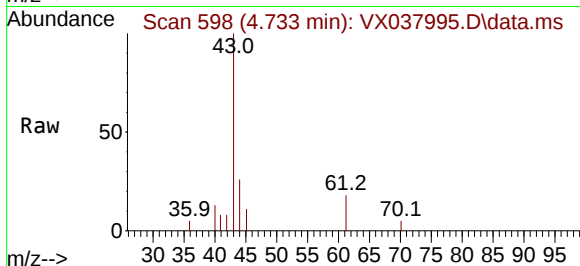
Tgt Ion: 43 Resp: 3872

Ion Ratio Lower Upper

43 100

61 10.8 10.6 16.0

70 7.5 8.3 12.5#



#43

Isopropyl Acetate

Concen: 23.603 ug/l

RT: 6.342 min Scan# 862

Delta R.T. -0.000 min

Lab File: VX037995.D

Acq: 30 Sep 2023 11:49

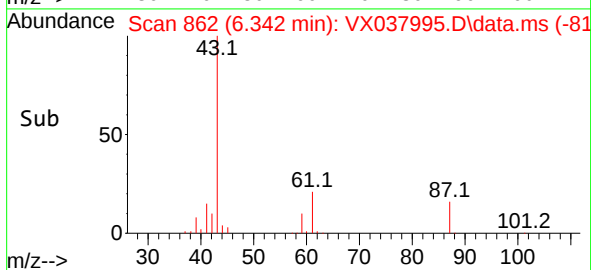
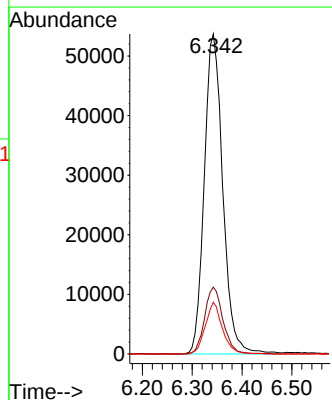
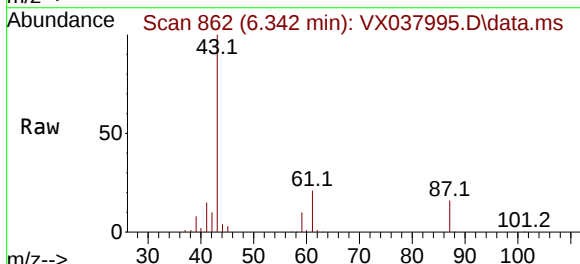
Tgt Ion: 43 Resp: 138581

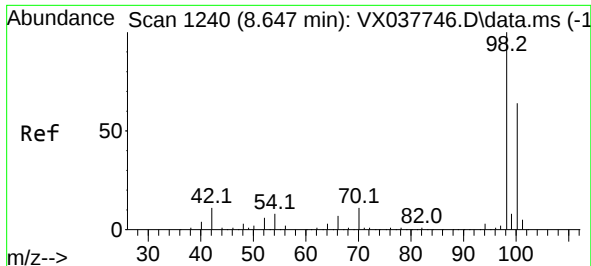
Ion Ratio Lower Upper

43 100

61 20.7 15.2 22.8

87 14.9 9.8 14.6#

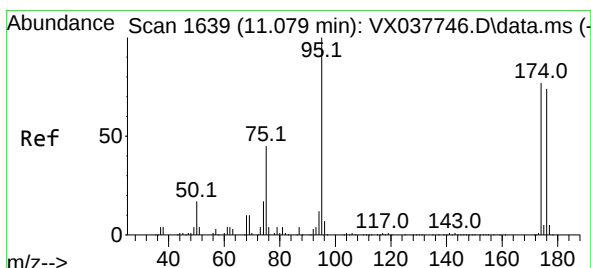
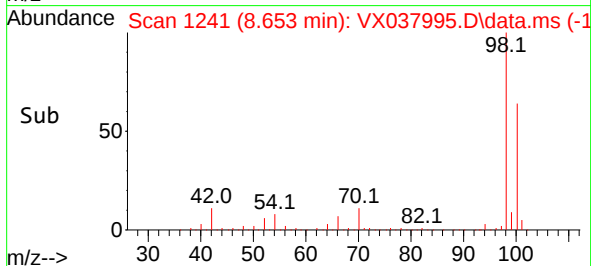
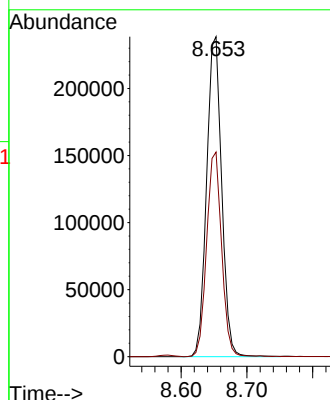
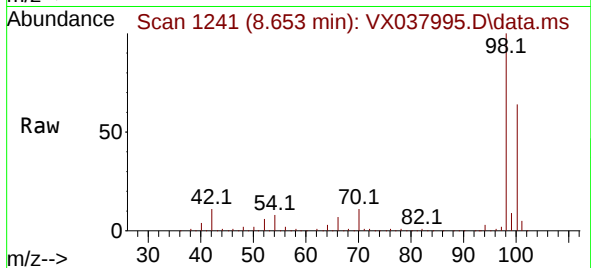




#50
Toluene-d8
Concen: 42.117 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX037995.D
Acq: 30 Sep 2023 11:49

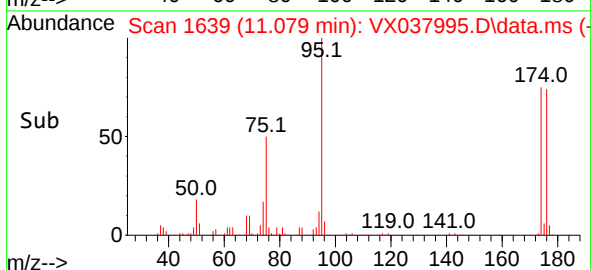
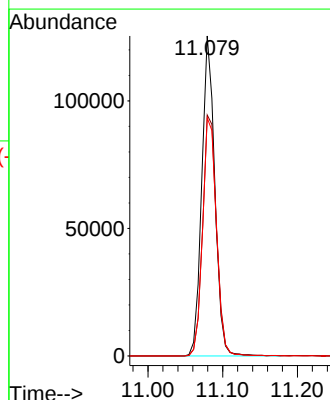
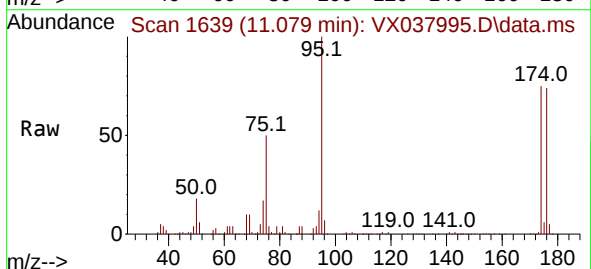
Instrument :
MSVOA_X
ClientSampleId :
PB155992TB

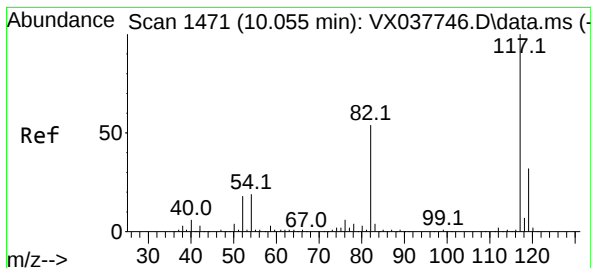
Tgt Ion: 98 Resp: 379436
Ion Ratio Lower Upper
98 100
100 63.4 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 46.467 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037995.D
Acq: 30 Sep 2023 11:49

Tgt Ion: 95 Resp: 152118
Ion Ratio Lower Upper
95 100
174 79.9 0.0 135.6
176 79.0 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: VX037995.D

Acq: 30 Sep 2023 11:49

Instrument :

MSVOA_X

ClientSampleId :

PB155992TB

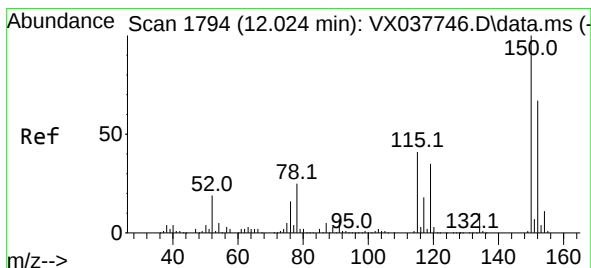
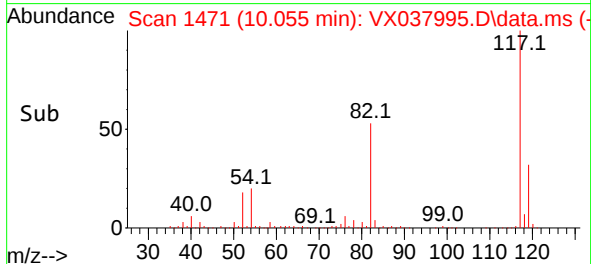
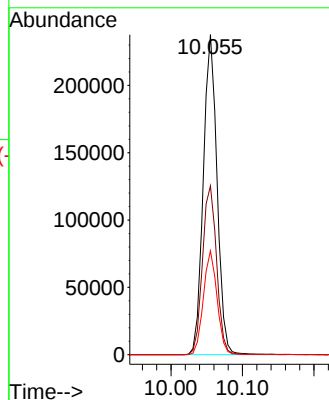
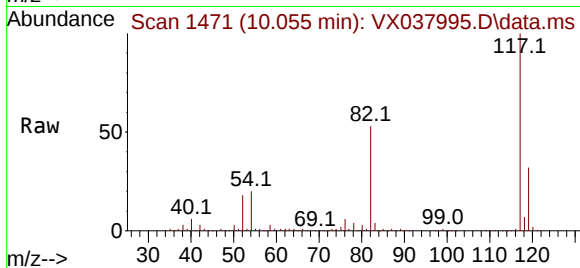
Tgt Ion:117 Resp: 317910

Ion Ratio Lower Upper

117 100

82 52.8 46.2 69.4

119 32.5 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: VX037995.D

Acq: 30 Sep 2023 11:49

Tgt Ion:152 Resp: 140387

Ion Ratio Lower Upper

152 100

115 60.7 43.3 129.9

150 154.8 0.0 345.0

