

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093023\
 Data File : VX037998.D
 Acq On : 30 Sep 2023 12:58
 Operator : JC/MD
 Sample : 04652-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IS2-3

Quant Time: Oct 02 02:09:43 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)

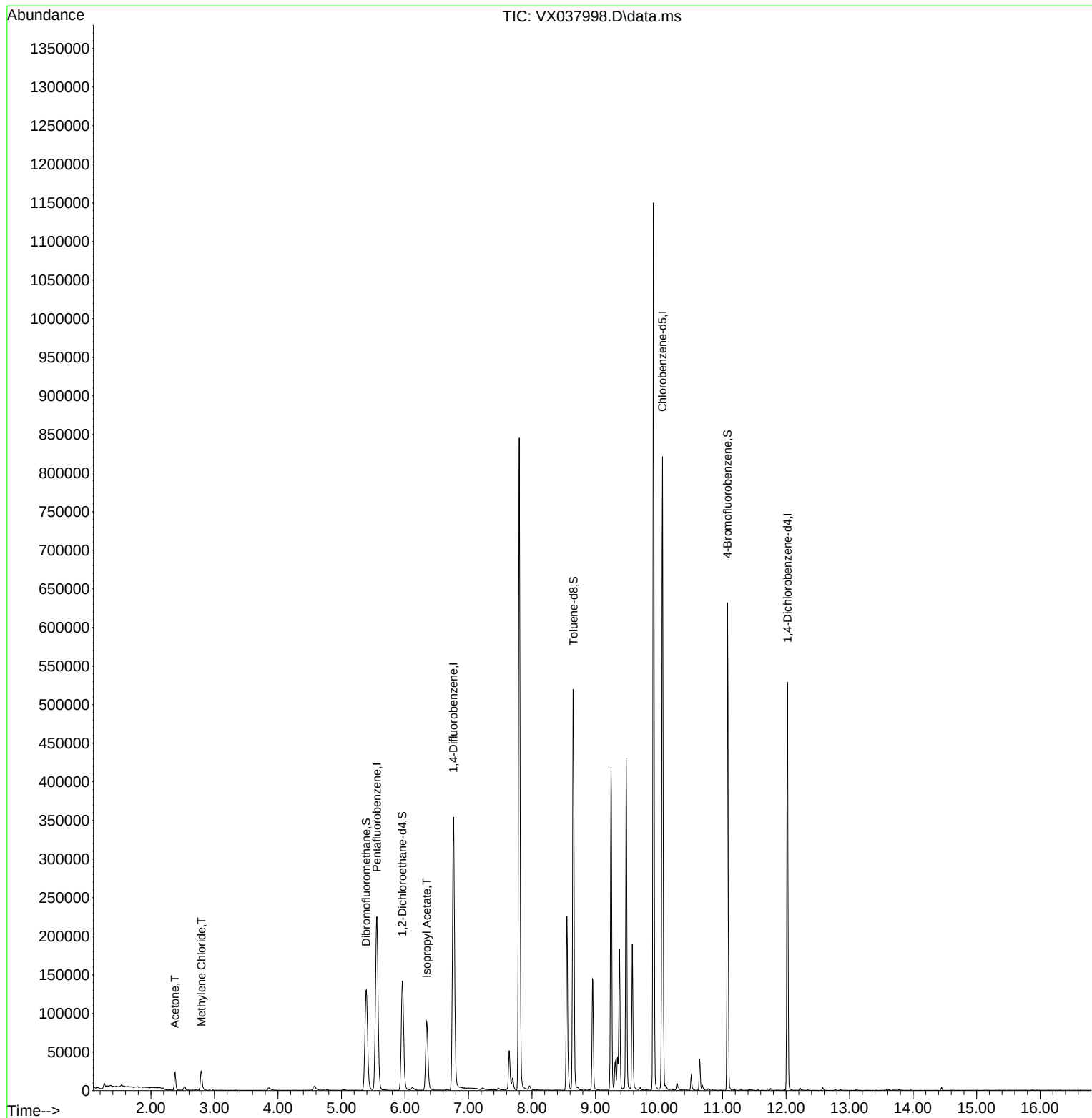
Internal Standards						
1) Pentafluorobenzene	5.556	168	218234	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	370424	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	372016	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	106291	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	134809	47.017	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.040%
35) Dibromofluoromethane	5.385	113	116770	47.113	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.220%
50) Toluene-d8	8.653	98	321948	34.959	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	69.920%#
62) 4-Bromofluorobenzene	11.079	95	145592	43.506	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.020%
Target Compounds						
						Qvalue
16) Acetone	2.380	43	23133	16.771	ug/l	92
20) Methylene Chloride	2.794	84	13070	5.103	ug/l	89
43) Isopropyl Acetate	6.342	43	119269	19.872	ug/l #	95

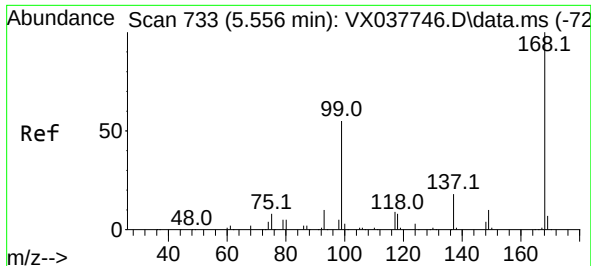
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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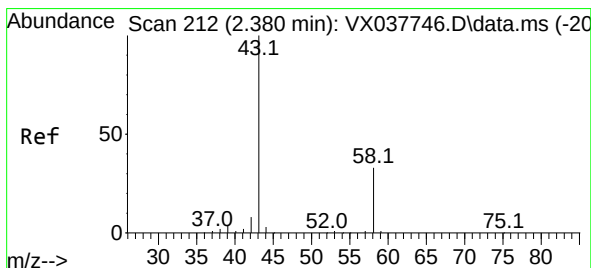
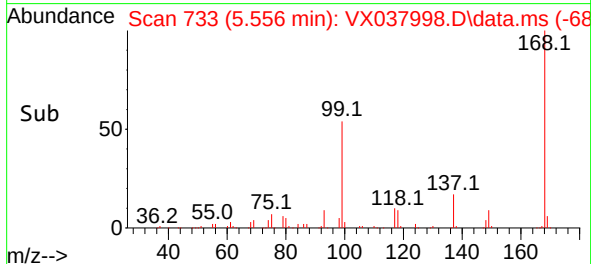
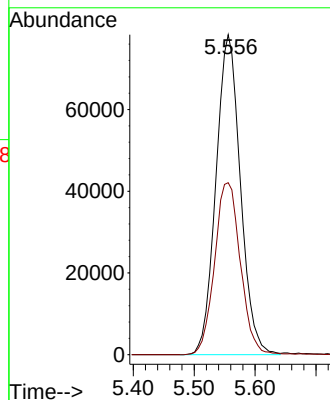
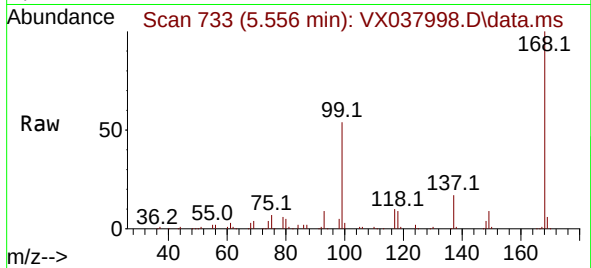




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037998.D
Acq: 30 Sep 2023 12:58

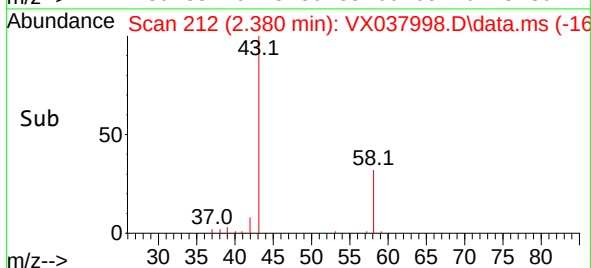
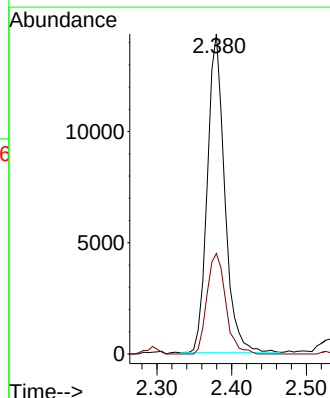
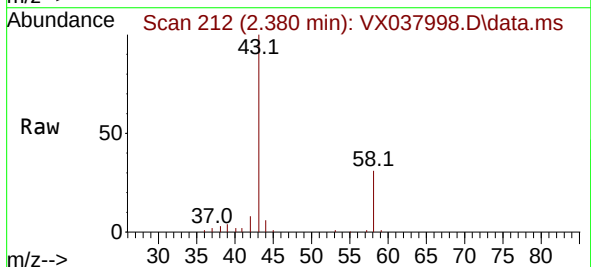
Instrument :
MSVOA_X
ClientSampleId :
IS2-3

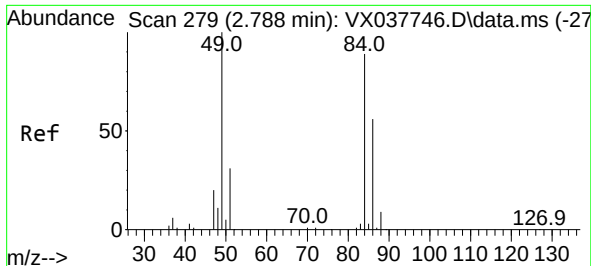
Tgt Ion:168 Resp: 218234
Ion Ratio Lower Upper
168 100
99 53.7 56.6 85.0#



#16
Acetone
Concen: 16.771 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX037998.D
Acq: 30 Sep 2023 12:58

Tgt Ion: 43 Resp: 23133
Ion Ratio Lower Upper
43 100
58 31.5 21.9 32.9





#20

Methylene Chloride

Concen: 5.103 ug/l

RT: 2.794 min Scan# 2

Delta R.T. 0.006 min

Lab File: VX037998.D

Acq: 30 Sep 2023 12:58

Instrument :

MSVOA_X

ClientSampleId :

IS2-3

Tgt Ion: 84 Resp: 13070

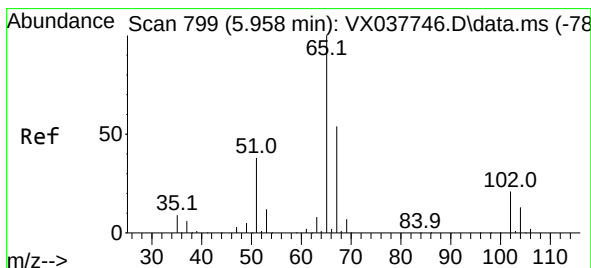
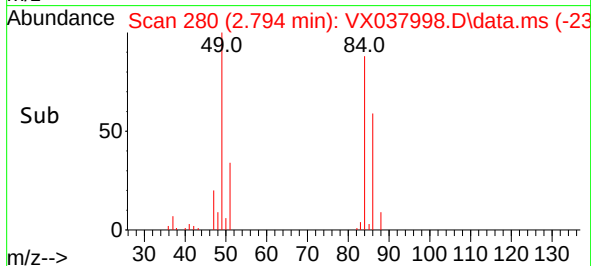
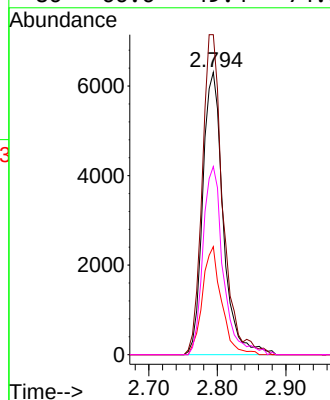
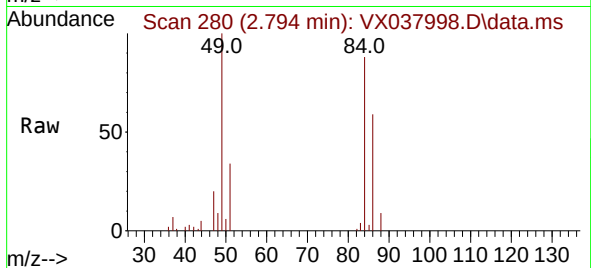
Ion Ratio Lower Upper

84 100

49 113.3 103.6 155.4

51 38.3 33.8 50.6

86 66.6 49.4 74.0



#33

1,2-Dichloroethane-d4

Concen: 47.017 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX037998.D

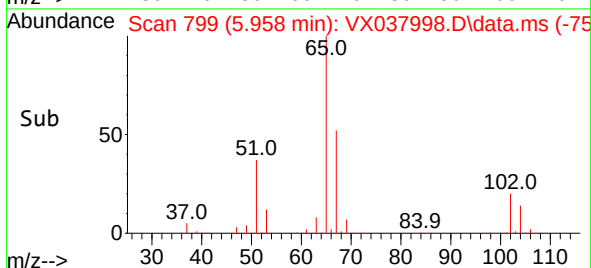
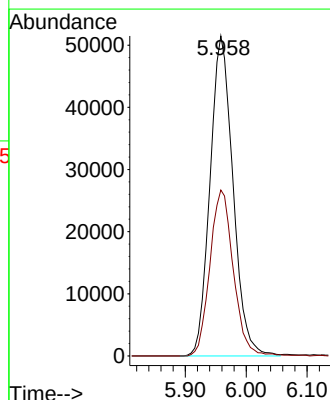
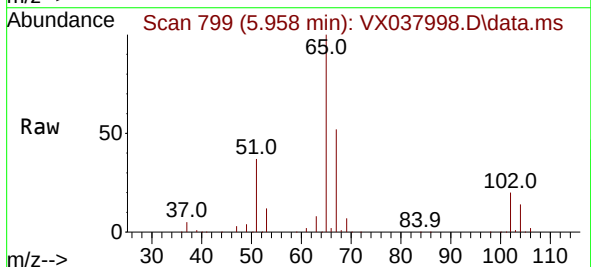
Acq: 30 Sep 2023 12:58

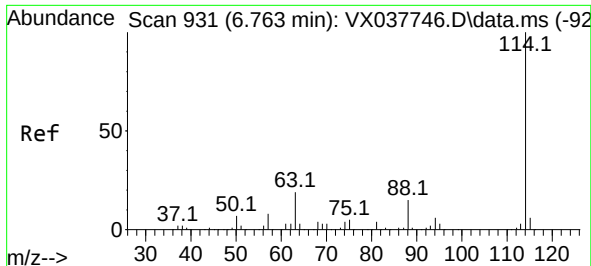
Tgt Ion: 65 Resp: 134809

Ion Ratio Lower Upper

65 100

67 52.8 0.0 100.2

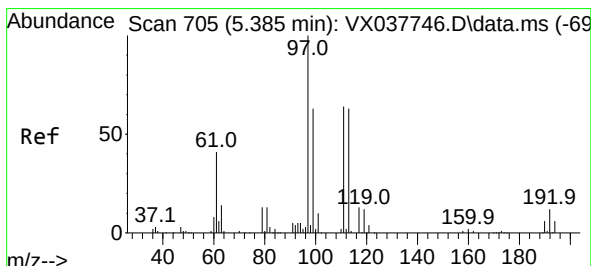
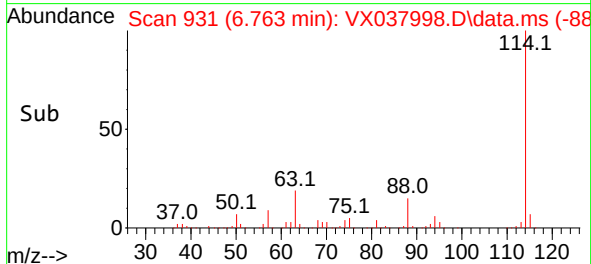
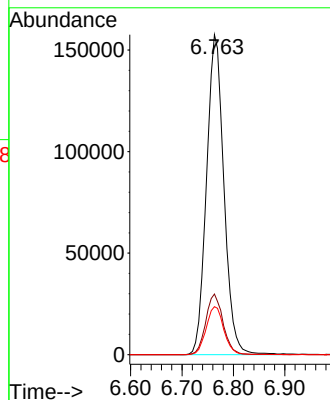
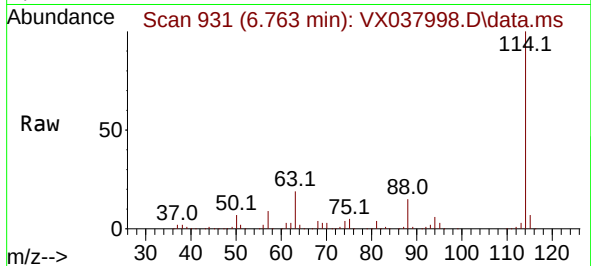




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX037998.D
Acq: 30 Sep 2023 12:58

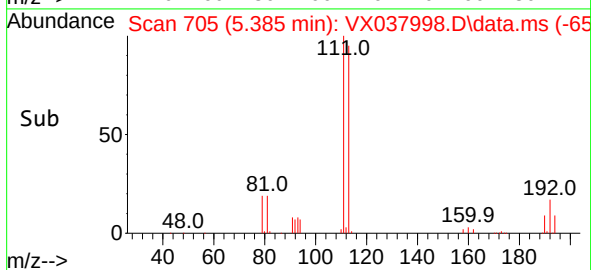
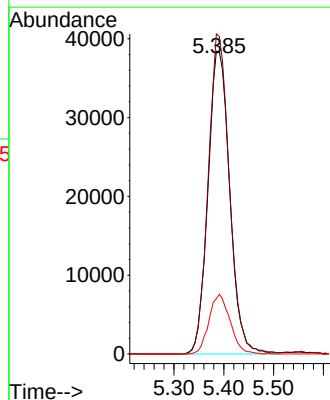
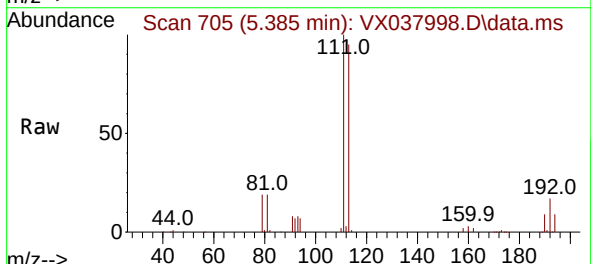
Instrument :
MSVOA_X
ClientSampleId :
IS2-3

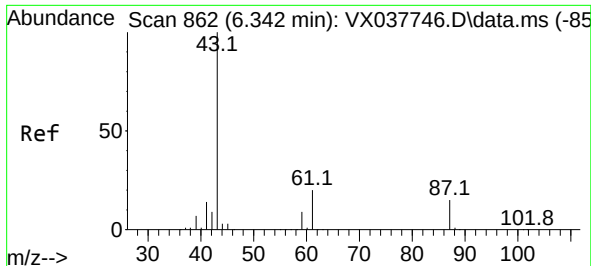
Tgt Ion:114 Resp: 370424
Ion Ratio Lower Upper
114 100
63 19.0 0.0 45.0
88 15.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.113 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037998.D
Acq: 30 Sep 2023 12:58

Tgt Ion:113 Resp: 116770
Ion Ratio Lower Upper
113 100
111 102.8 82.9 124.3
192 19.0 13.3 19.9





#43

Isopropyl Acetate

Concen: 19.872 ug/l

RT: 6.342 min Scan# 8

Delta R.T. -0.000 min

Lab File: VX037998.D

Acq: 30 Sep 2023 12:58

Instrument :

MSVOA_X

ClientSampleId :

IS2-3

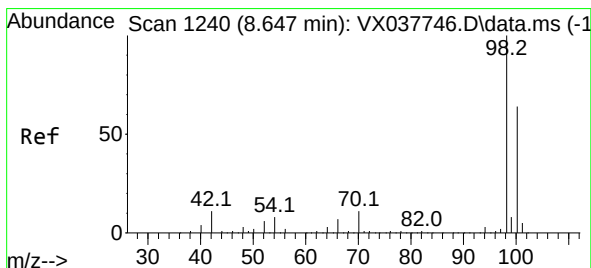
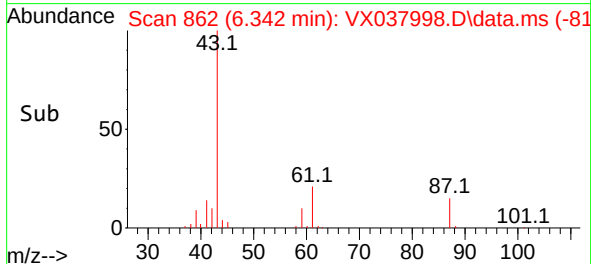
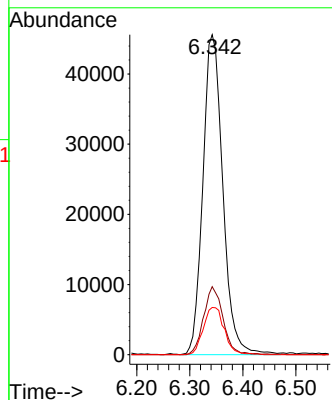
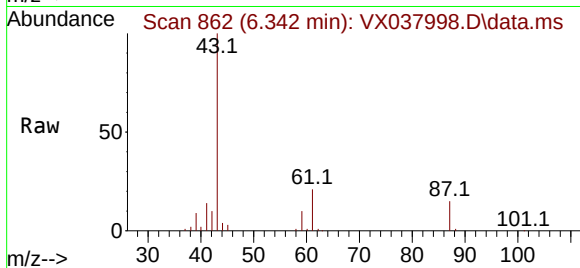
Tgt Ion: 43 Resp: 119269

Ion Ratio Lower Upper

43 100

61 20.6 15.2 22.8

87 15.5 9.8 14.6#



#50

Toluene-d8

Concen: 34.959 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.006 min

Lab File: VX037998.D

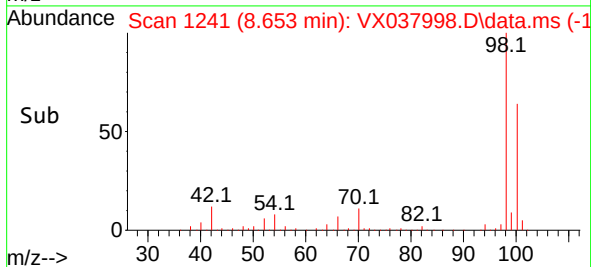
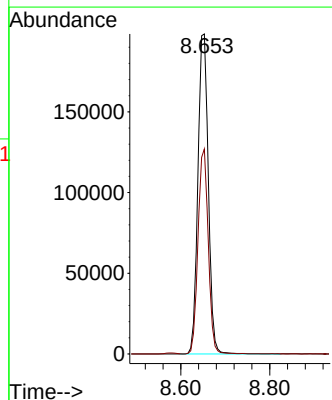
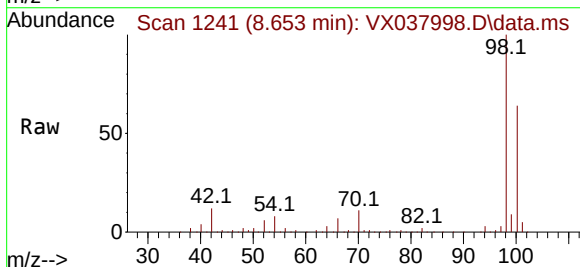
Acq: 30 Sep 2023 12:58

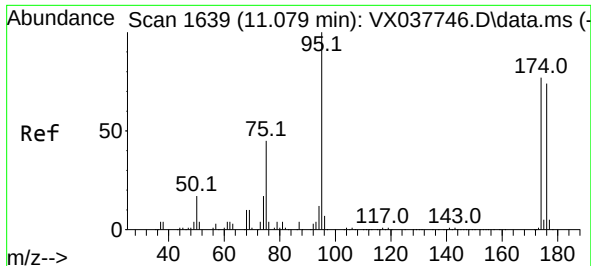
Tgt Ion: 98 Resp: 321948

Ion Ratio Lower Upper

98 100

100 63.1 53.1 79.7

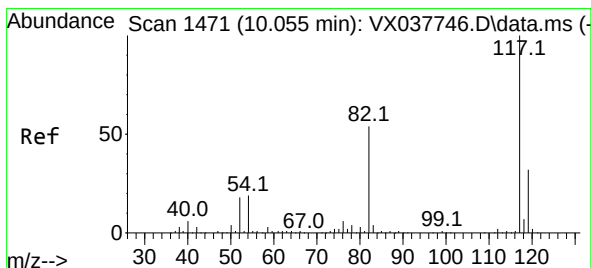
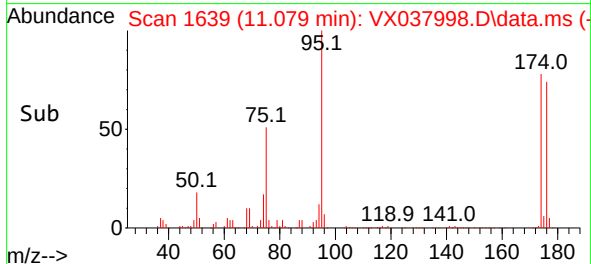
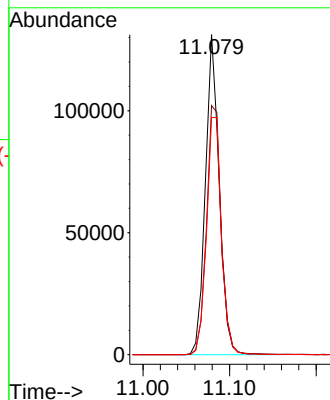
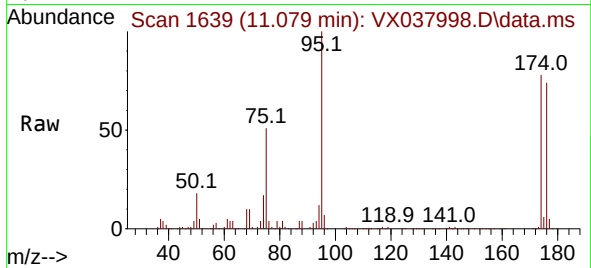




#62
4-Bromofluorobenzene
Concen: 43.506 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037998.D
Acq: 30 Sep 2023 12:58

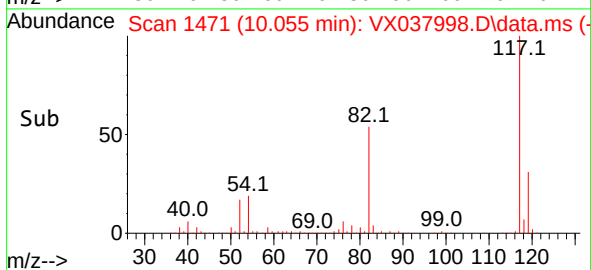
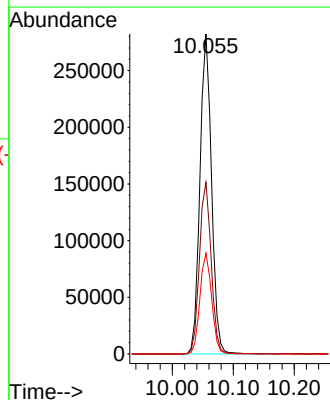
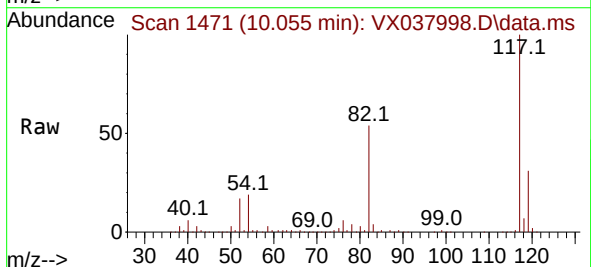
Instrument :
MSVOA_X
ClientSampleId :
IS2-3

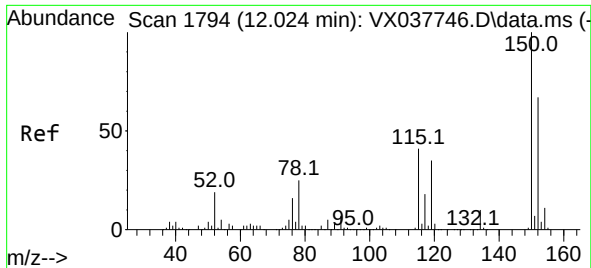
Tgt Ion: 95 Resp: 145592
Ion Ratio Lower Upper
95 100
174 83.4 0.0 135.6
176 79.8 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037998.D
Acq: 30 Sep 2023 12:58

Tgt Ion: 117 Resp: 372016
Ion Ratio Lower Upper
117 100
82 53.6 46.2 69.4
119 31.5 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: VX037998.D

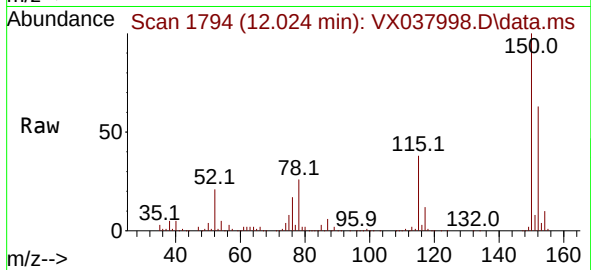
Acq: 30 Sep 2023 12:58

Instrument :

MSVOA_X

ClientSampleId :

IS2-3



Tgt Ion:152 Resp: 106291

Ion Ratio Lower Upper

152 100

115 60.2 43.3 129.9

150 156.0 0.0 345.0

