

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093023\
 Data File : VX038001.D
 Acq On : 30 Sep 2023 14:08
 Operator : JC/MD
 Sample : 04652-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IS5-4

Quant Time: Oct 02 02:11:03 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)

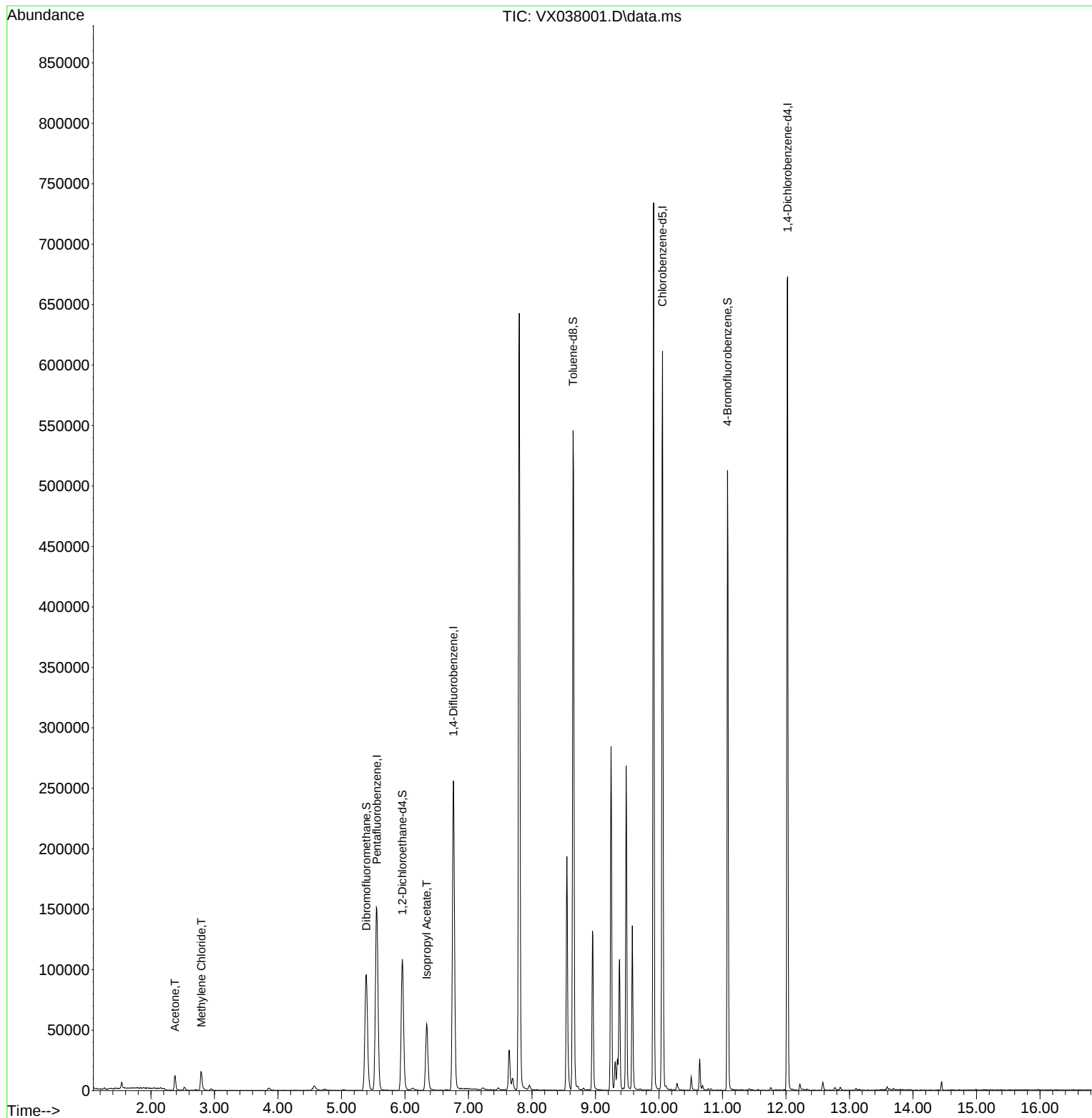
Internal Standards						
1) Pentafluorobenzene	5.556	168	141232	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	251082	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	258480	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	132692	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	104879	56.521	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	113.040%
35) Dibromofluoromethane	5.391	113	83011	49.411	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.820%
50) Toluene-d8	8.647	98	318075	50.955	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.920%
62) 4-Bromofluorobenzene	11.079	95	123714	54.540	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.080%
Target Compounds						
						Qvalue
16) Acetone	2.380	43	13851	15.517	ug/l	96
20) Methylene Chloride	2.794	84	7754	4.676	ug/l #	95
43) Isopropyl Acetate	6.342	43	74334	18.272	ug/l	98

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

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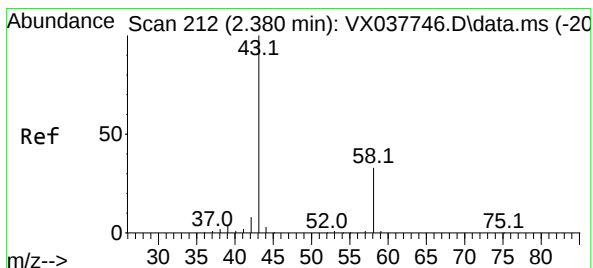
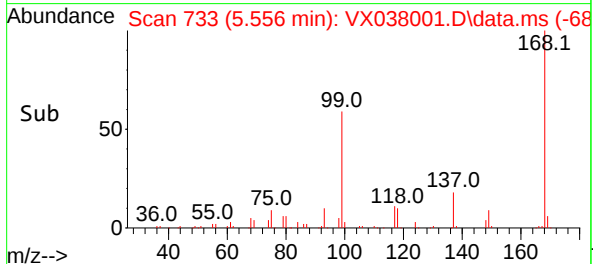
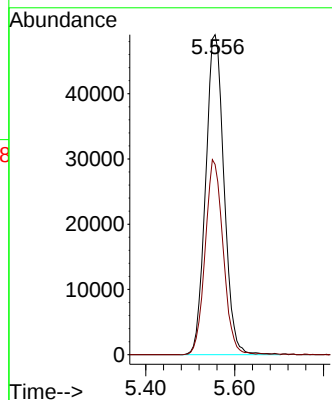
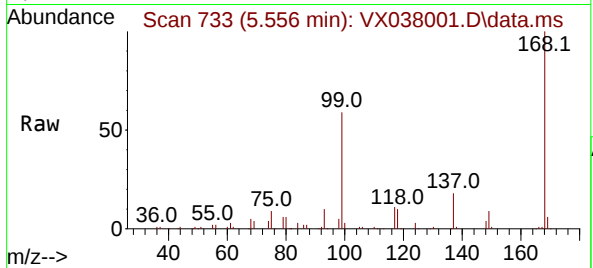




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX038001.D
Acq: 30 Sep 2023 14:08

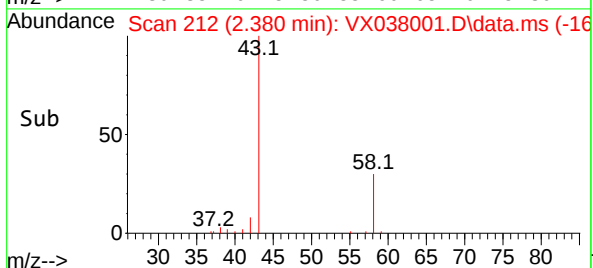
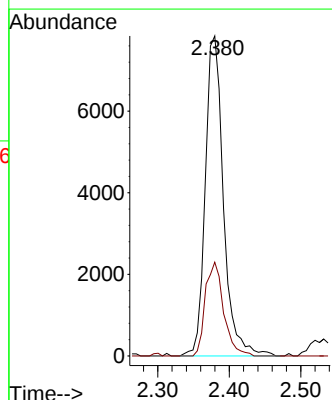
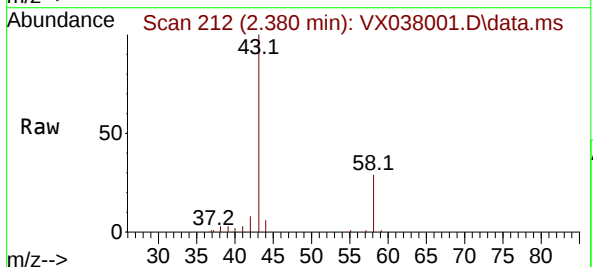
Instrument :
MSVOA_X
ClientSampleId :
IS5-4

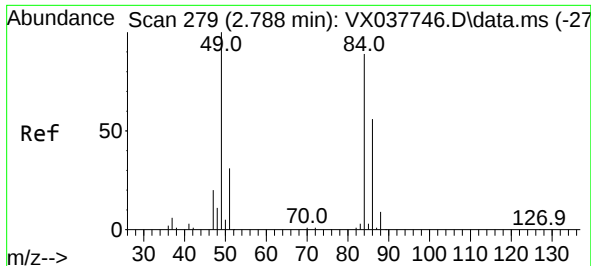
Tgt Ion:168 Resp: 141232
Ion Ratio Lower Upper
168 100
99 59.4 56.6 85.0



#16
Acetone
Concen: 15.517 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX038001.D
Acq: 30 Sep 2023 14:08

Tgt Ion: 43 Resp: 13851
Ion Ratio Lower Upper
43 100
58 29.3 21.9 32.9





#20

Methylene Chloride

Concen: 4.676 ug/l

RT: 2.794 min Scan# 2

Delta R.T. 0.006 min

Lab File: VX038001.D

Acq: 30 Sep 2023 14:08

Instrument :

MSVOA_X

ClientSampleId :

IS5-4

Tgt Ion: 84 Resp: 7754

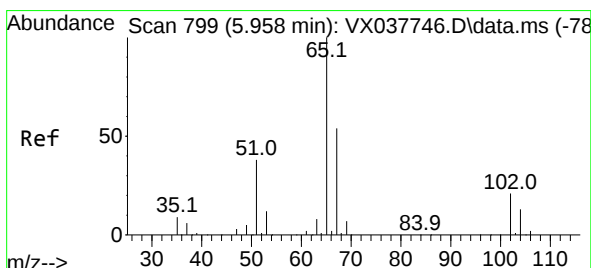
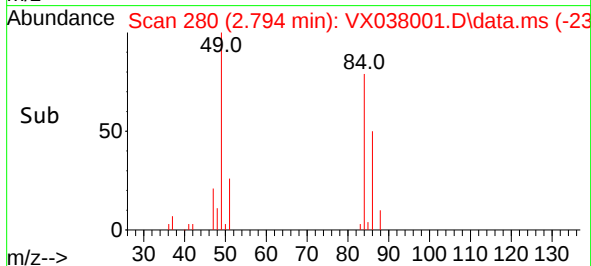
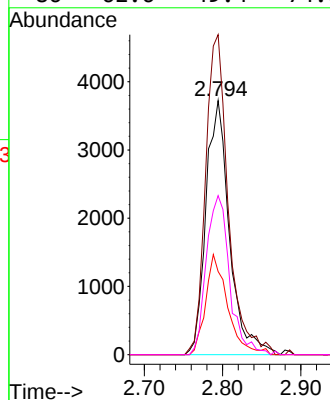
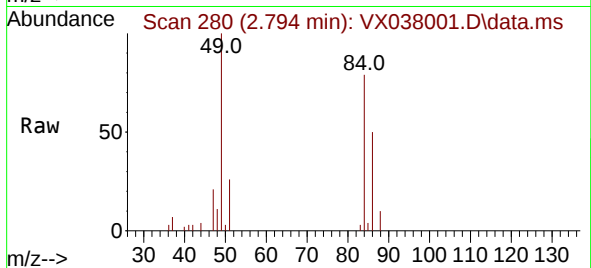
Ion Ratio Lower Upper

84 100

49 126.0 103.6 155.4

51 32.8 33.8 50.6#

86 62.6 49.4 74.0



#33

1,2-Dichloroethane-d4

Concen: 56.521 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038001.D

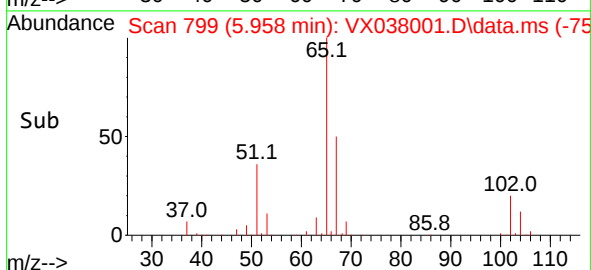
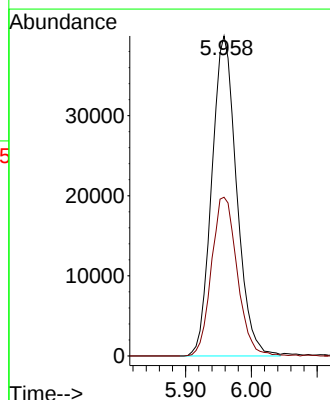
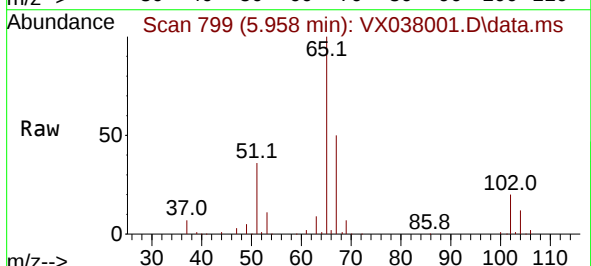
Acq: 30 Sep 2023 14:08

Tgt Ion: 65 Resp: 104879

Ion Ratio Lower Upper

65 100

67 51.5 0.0 100.2

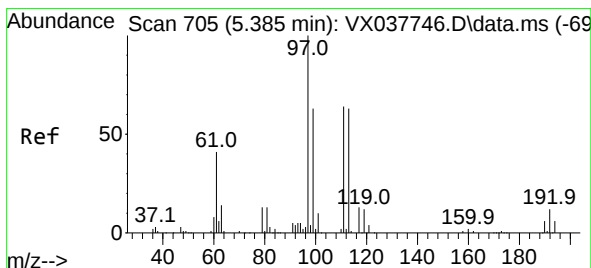
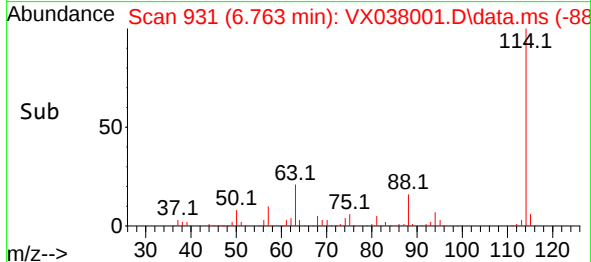
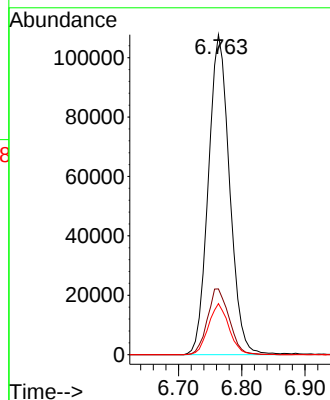
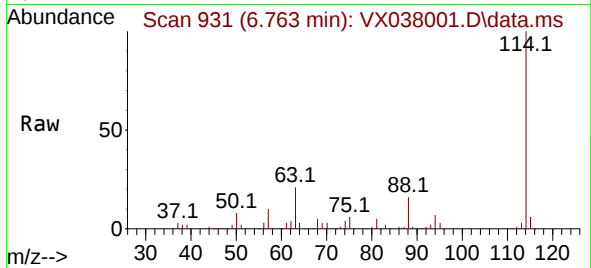




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX038001.D
Acq: 30 Sep 2023 14:08

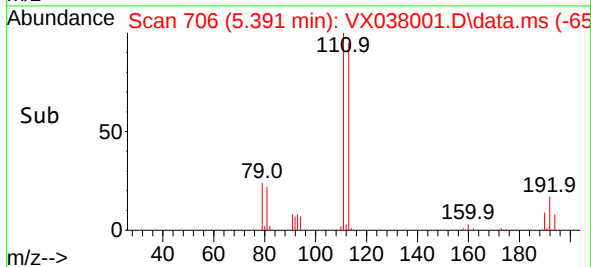
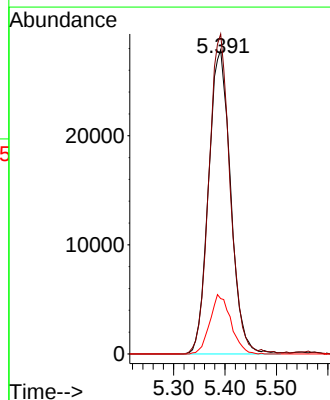
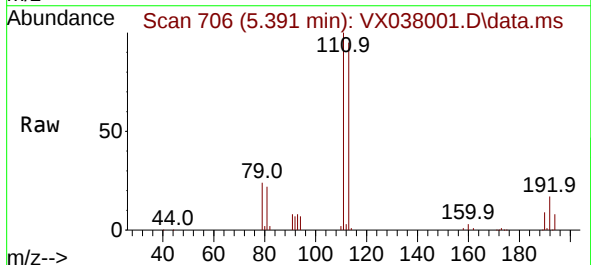
Instrument :
MSVOA_X
ClientSampleId :
IS5-4

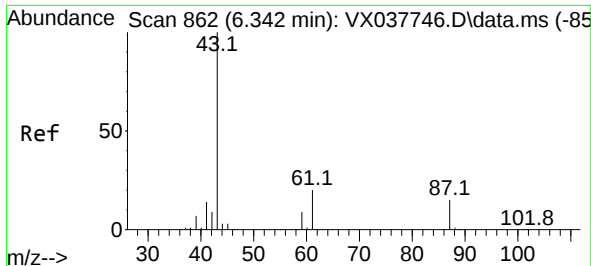
Tgt Ion:114 Resp: 251082
Ion Ratio Lower Upper
114 100
63 20.6 0.0 45.0
88 16.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 49.411 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX038001.D
Acq: 30 Sep 2023 14:08

Tgt Ion:113 Resp: 83011
Ion Ratio Lower Upper
113 100
111 101.9 82.9 124.3
192 18.5 13.3 19.9

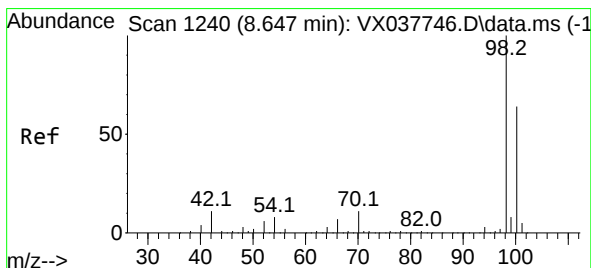
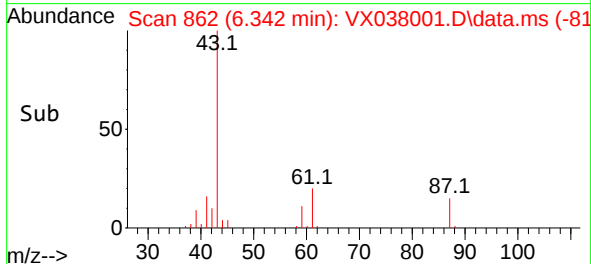
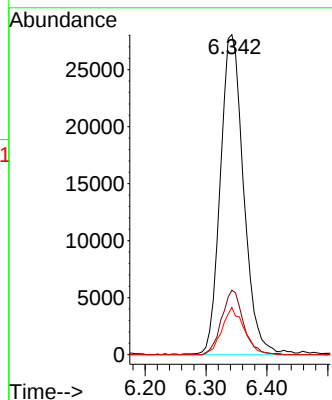
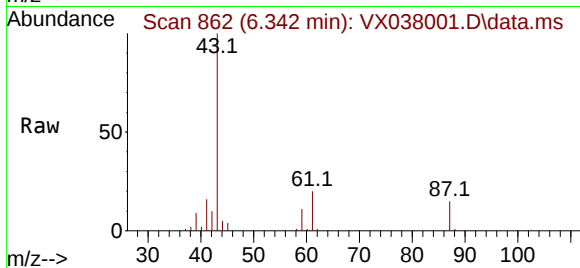




#43
Isopropyl Acetate
Concen: 18.272 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX038001.D
Acq: 30 Sep 2023 14:08

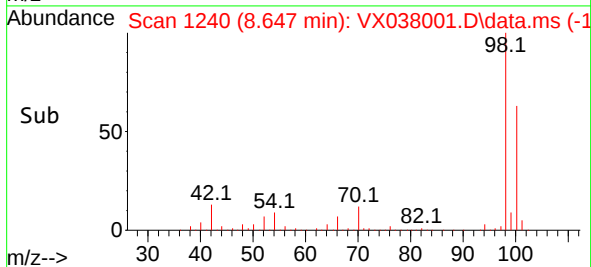
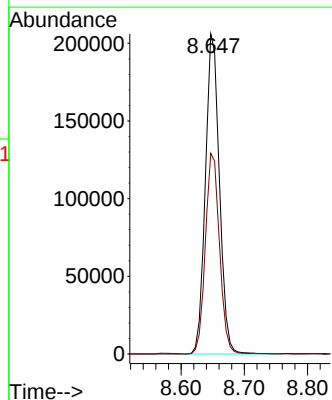
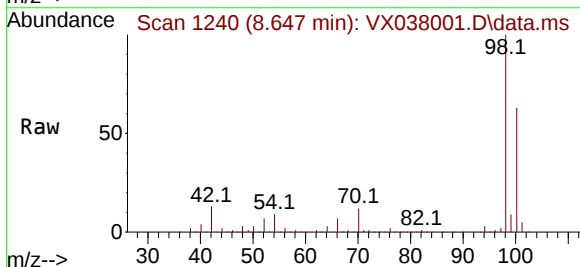
Instrument :
MSVOA_X
ClientSampleId :
IS5-4

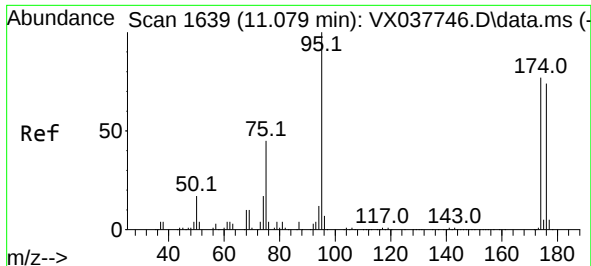
Tgt Ion: 43 Resp: 74334
Ion Ratio Lower Upper
43 100
61 18.9 15.2 22.8
87 14.1 9.8 14.6



#50
Toluene-d8
Concen: 50.955 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038001.D
Acq: 30 Sep 2023 14:08

Tgt Ion: 98 Resp: 318075
Ion Ratio Lower Upper
98 100
100 63.3 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 54.540 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038001.D

Acq: 30 Sep 2023 14:08

Instrument :

MSVOA_X

ClientSampleId :

IS5-4

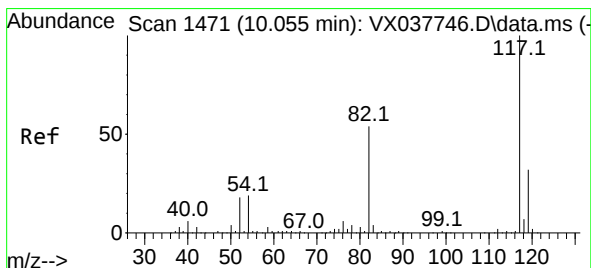
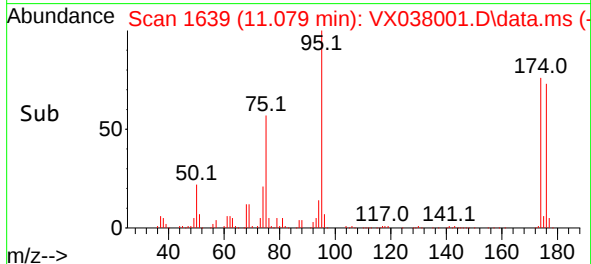
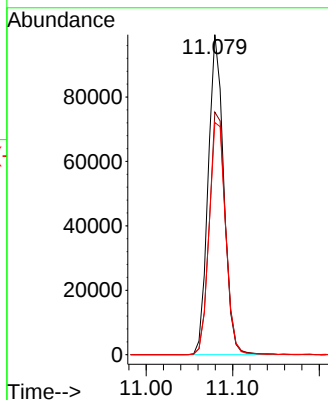
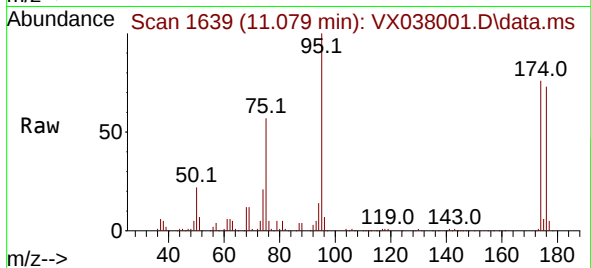
Tgt Ion: 95 Resp: 123714

Ion Ratio Lower Upper

95 100

174 79.2 0.0 135.6

176 77.0 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: VX038001.D

Acq: 30 Sep 2023 14:08

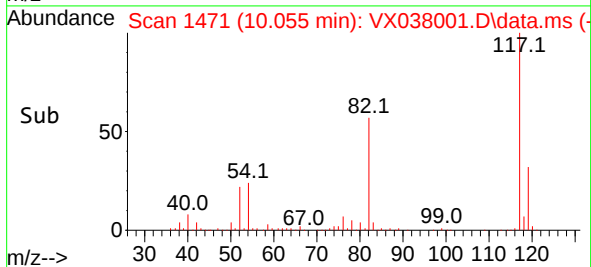
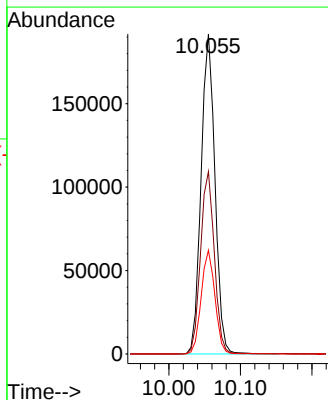
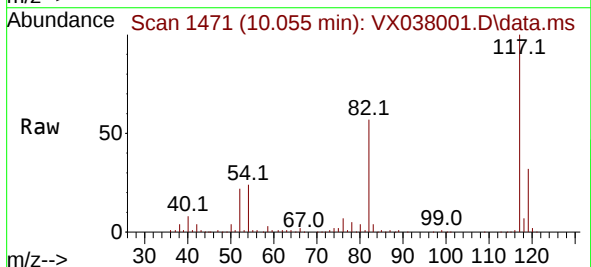
Tgt Ion: 117 Resp: 258480

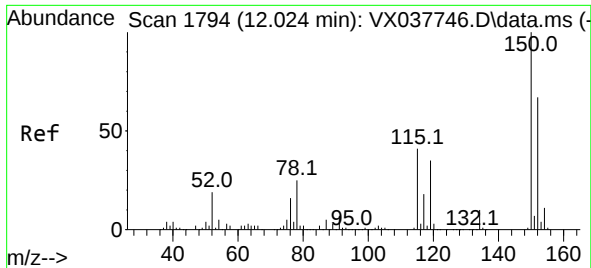
Ion Ratio Lower Upper

117 100

82 57.0 46.2 69.4

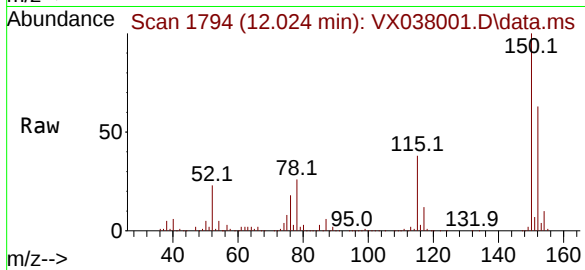
119 32.4 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX038001.D
 Acq: 30 Sep 2023 14:08

Instrument :
 MSVOA_X
 ClientSampleId :
 IS5-4



Tgt Ion:152 Resp: 132692
 Ion Ratio Lower Upper
 152 100
 115 61.0 43.3 129.9
 150 158.2 0.0 345.0

