

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090923\
 Data File : VX037636.D
 Acq On : 09 Sep 2023 18:38
 Operator : JC/MD
 Sample : 04338-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP4

Quant Time: Sep 11 01:27:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090823W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 09 06:38:11 2023
 Response via : Initial Calibration

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

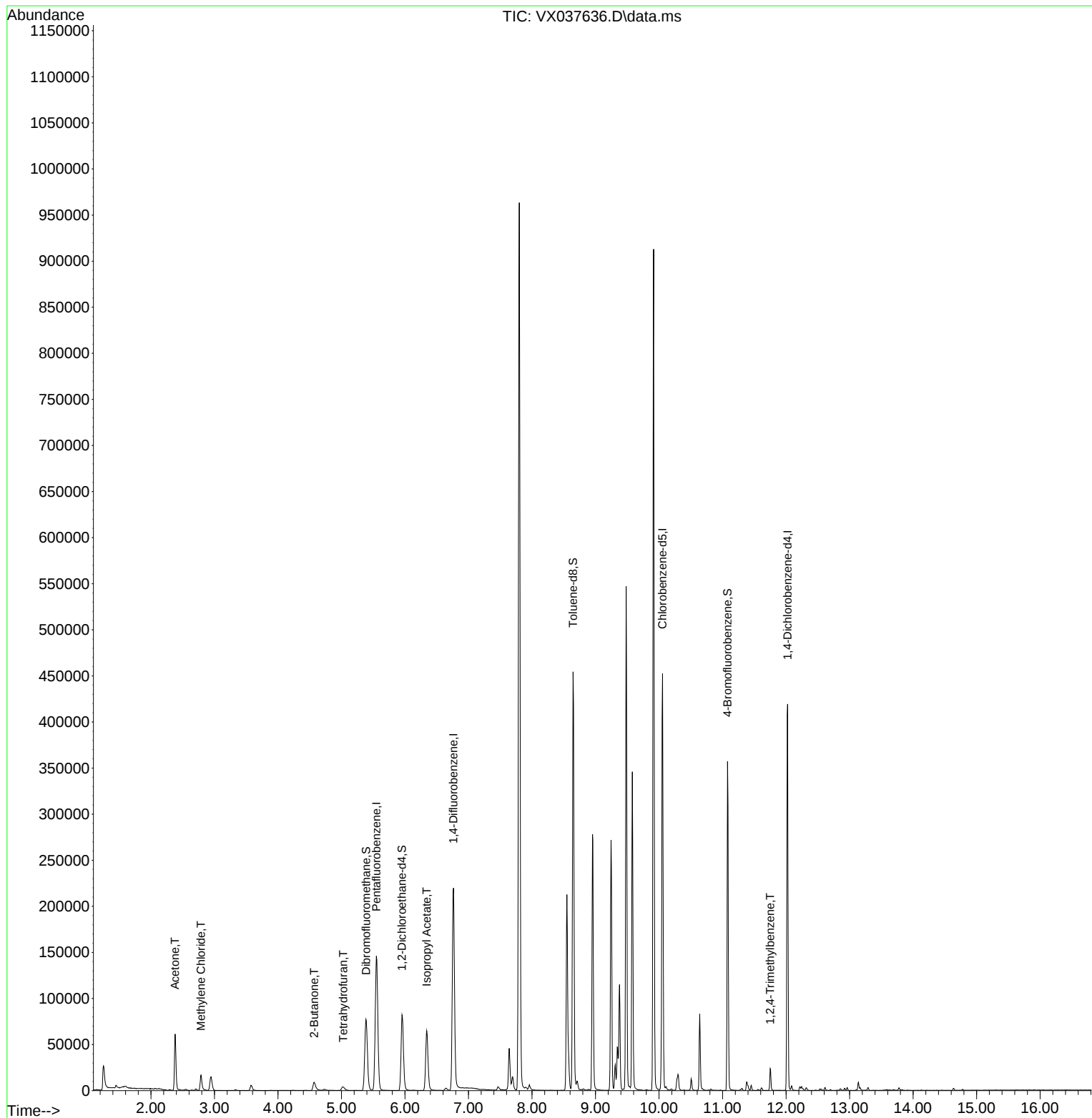
Internal Standards						
1) Pentafluorobenzene	5.550	168	143248	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	239932	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	216424	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93590	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	79200	40.959	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	81.920%
35) Dibromofluoromethane	5.385	113	70951	42.279	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	84.560%
50) Toluene-d8	8.647	98	281389	45.716	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.440%#
62) 4-Bromofluorobenzene	11.079	95	101195	43.623	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.240%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	62176	78.190	ug/l #	82
20) Methylene Chloride	2.788	84	9736	4.411	ug/l #	88
25) 2-Butanone	4.568	43	15424	12.789	ug/l #	83
29) Tetrahydrofuran	5.025	42	4034	5.221	ug/l #	83
43) Isopropyl Acetate	6.342	43	86930	25.532	ug/l #	88
84) 1,2,4-Trimethylbenzene	11.750	105	11388	1.910	ug/l	99

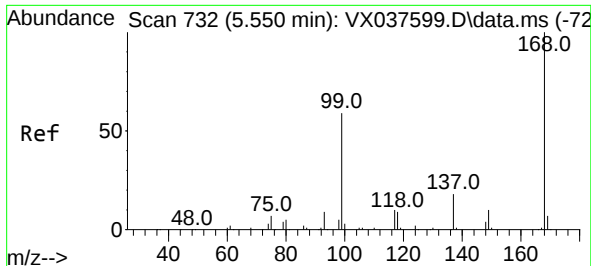
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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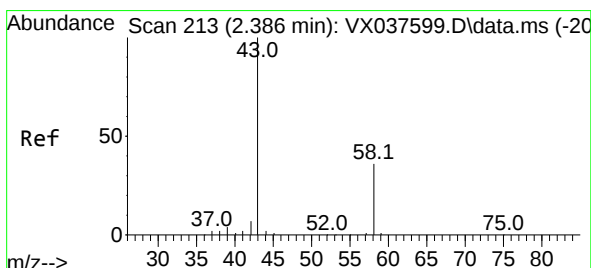
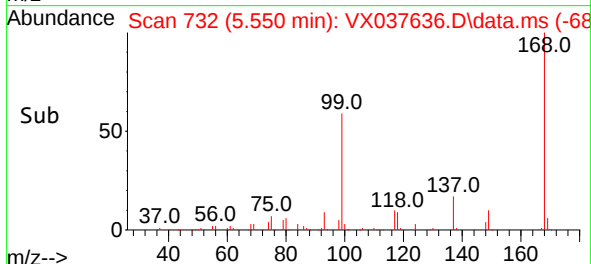
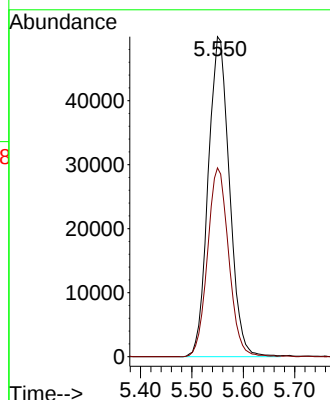
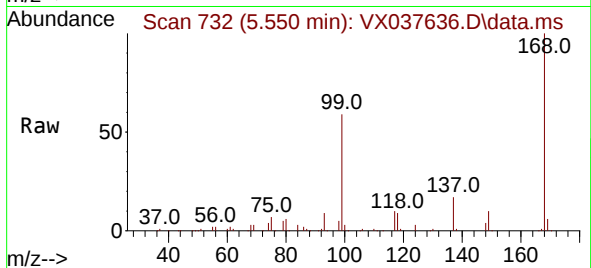




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037636.D
Acq: 09 Sep 2023 18:38

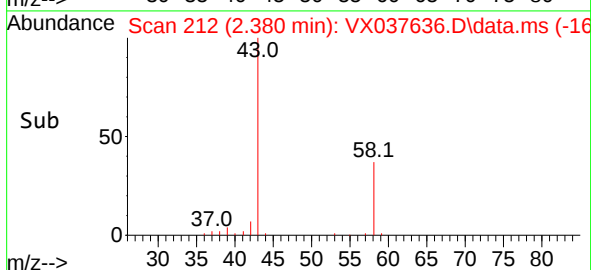
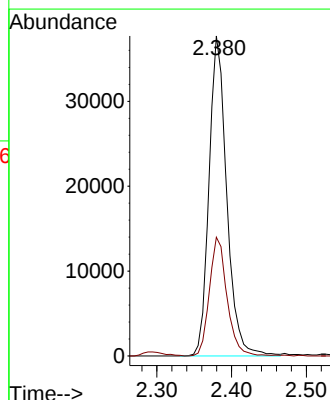
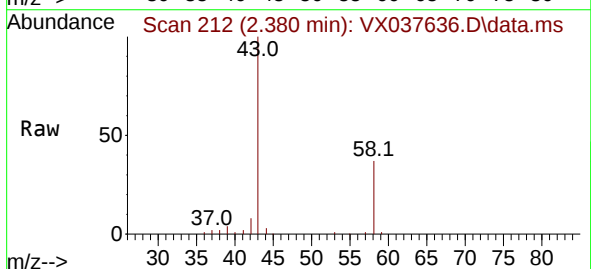
Instrument :
MSVOA_X
ClientSampleId :
TP4

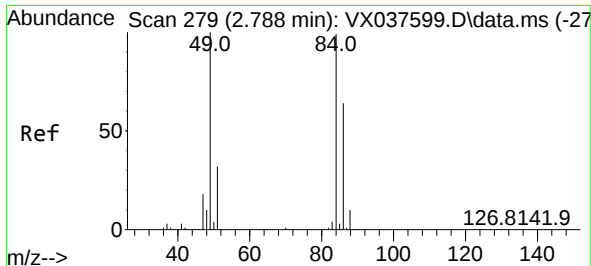
Tgt Ion:168 Resp: 143248
Ion Ratio Lower Upper
168 100
99 59.0 56.6 85.0



#16
Acetone
Concen: 78.190 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX037636.D
Acq: 09 Sep 2023 18:38

Tgt Ion: 43 Resp: 62176
Ion Ratio Lower Upper
43 100
58 36.9 21.9 32.9#





#20

Methylene Chloride

Concen: 4.411 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX037636.D

Acq: 09 Sep 2023 18:38

Instrument :

MSVOA_X

ClientSampleId :

TP4

Tgt Ion: 84 Resp: 9736

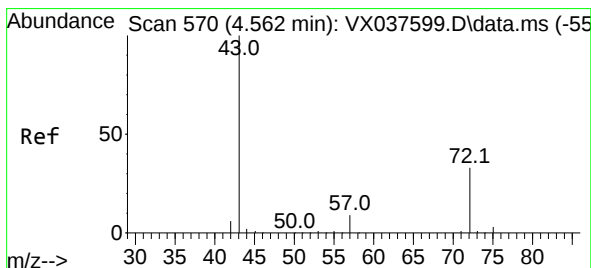
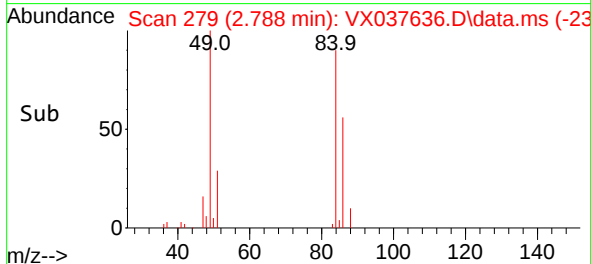
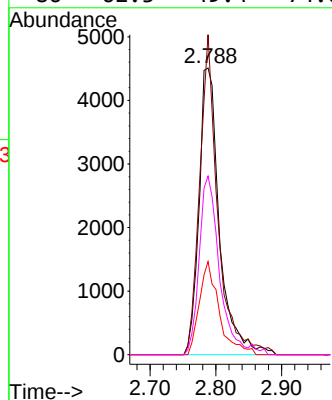
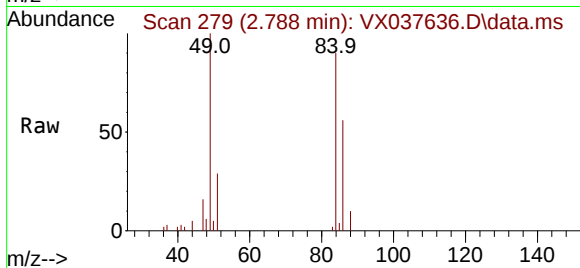
Ion Ratio Lower Upper

84 100

49 111.6 103.6 155.4

51 32.5 33.8 50.6#

86 62.3 49.4 74.0



#25

2-Butanone

Concen: 12.789 ug/l

RT: 4.568 min Scan# 571

Delta R.T. 0.006 min

Lab File: VX037636.D

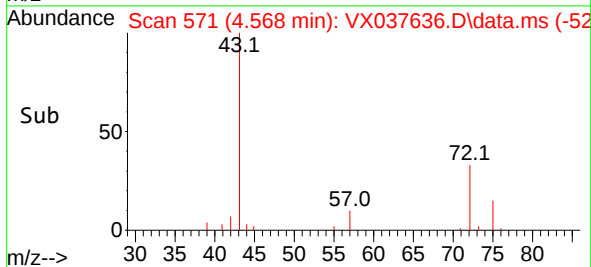
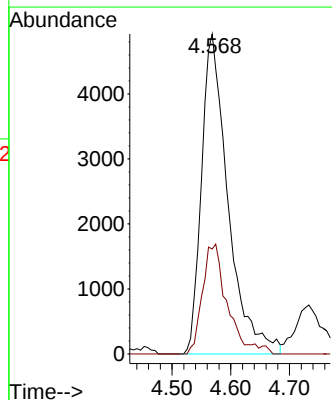
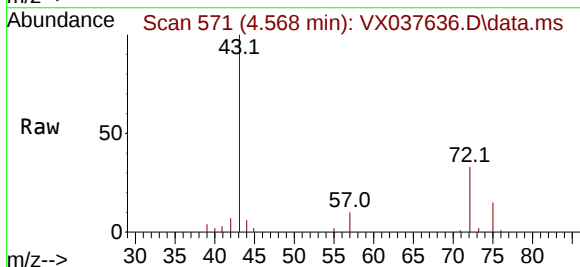
Acq: 09 Sep 2023 18:38

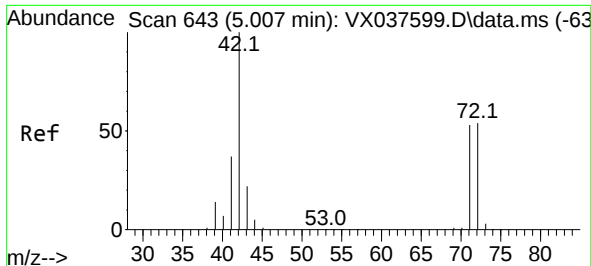
Tgt Ion: 43 Resp: 15424

Ion Ratio Lower Upper

43 100

72 32.8 19.4 29.2#





#29

Tetrahydrofuran

Concen: 5.221 ug/l

RT: 5.025 min Scan# 643

Delta R.T. 0.018 min

Lab File: VX037636.D

Acq: 09 Sep 2023 18:38

Instrument :

MSVOA_X

ClientSampleId :

TP4

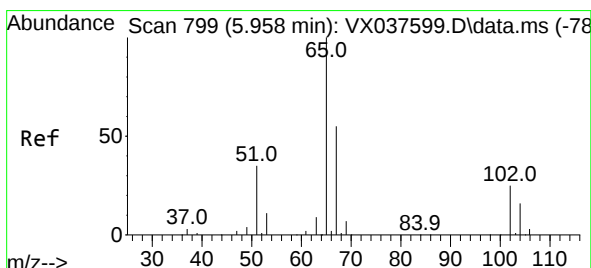
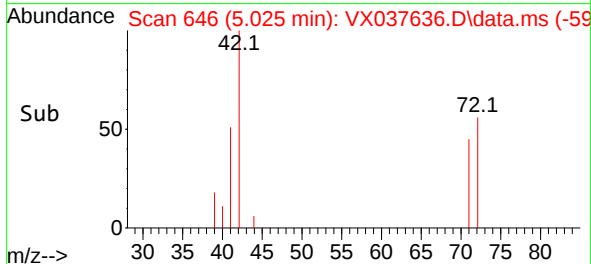
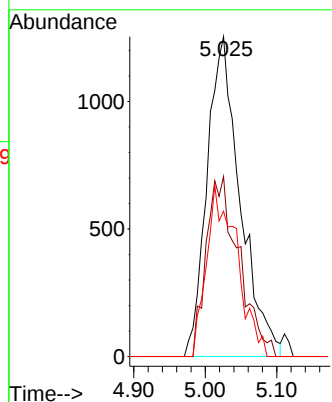
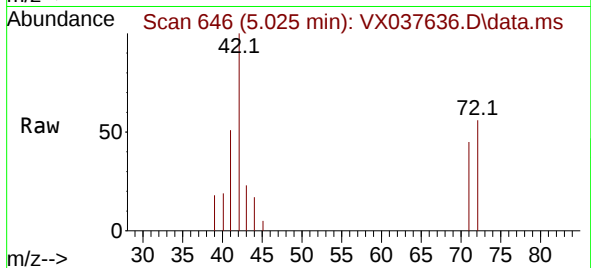
Tgt Ion: 42 Resp: 4034

Ion Ratio Lower Upper

42 100

72 55.4 34.2 51.4#

71 49.2 32.2 48.2#



#33

1,2-Dichloroethane-d4

Concen: 40.959 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX037636.D

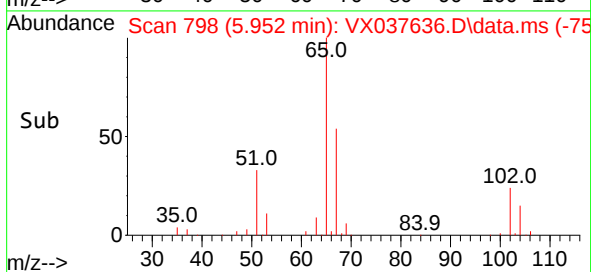
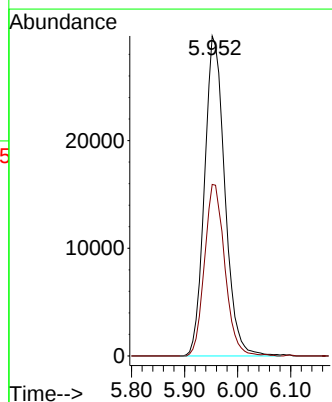
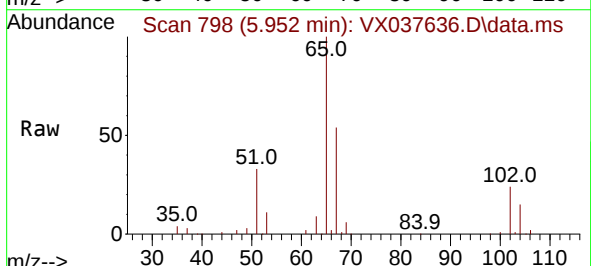
Acq: 09 Sep 2023 18:38

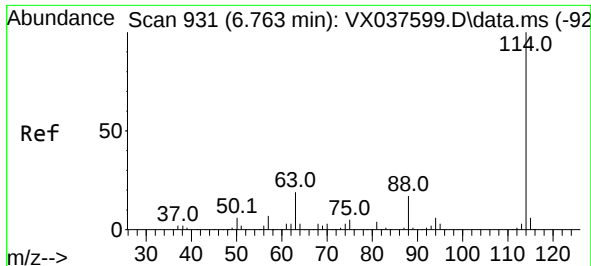
Tgt Ion: 65 Resp: 79200

Ion Ratio Lower Upper

65 100

67 53.6 0.0 100.2

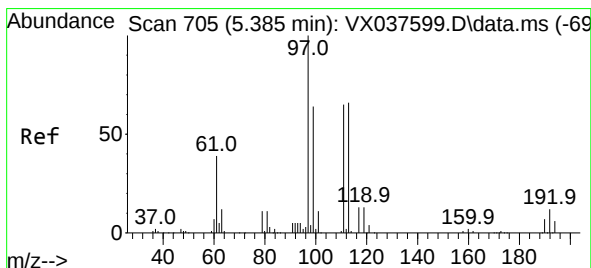
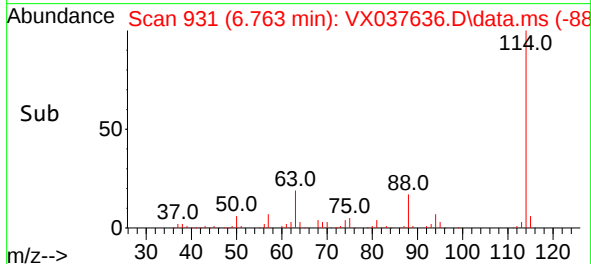
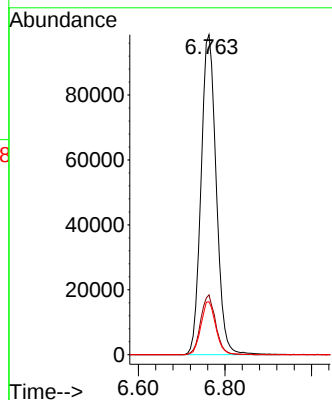
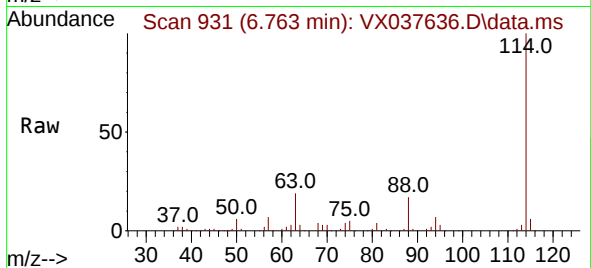




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX037636.D
Acq: 09 Sep 2023 18:38

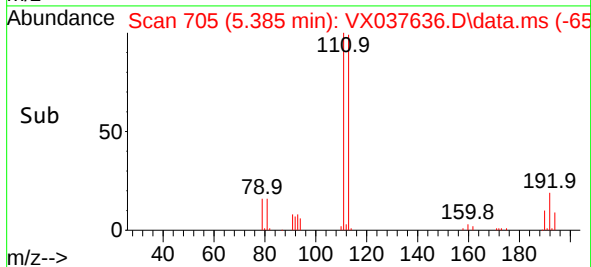
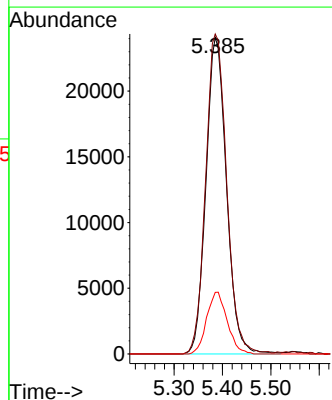
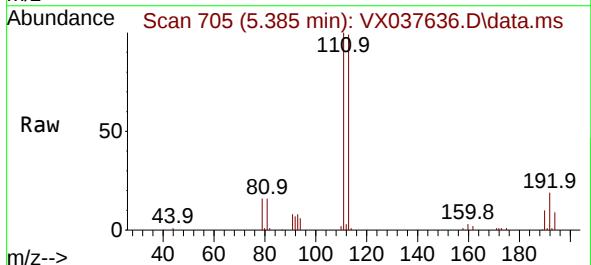
Instrument :
MSVOA_X
ClientSampleId :
TP4

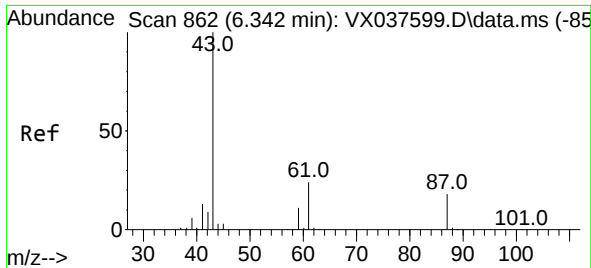
Tgt Ion:114 Resp: 239932
Ion Ratio Lower Upper
114 100
63 18.7 0.0 45.0
88 16.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 42.279 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037636.D
Acq: 09 Sep 2023 18:38

Tgt Ion:113 Resp: 70951
Ion Ratio Lower Upper
113 100
111 103.8 82.9 124.3
192 19.5 13.3 19.9

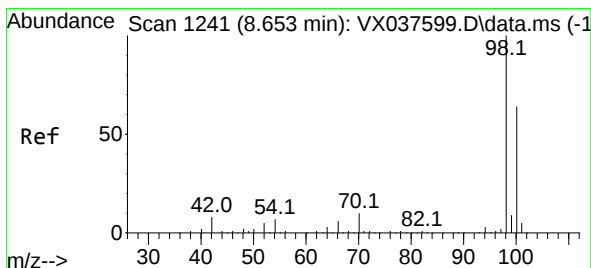
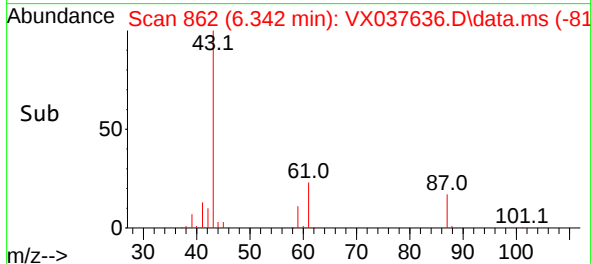
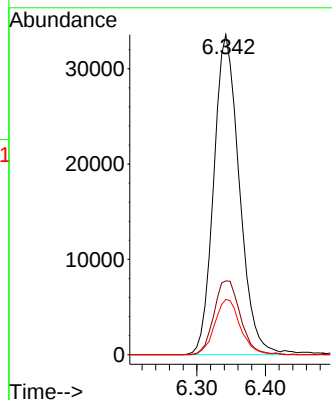
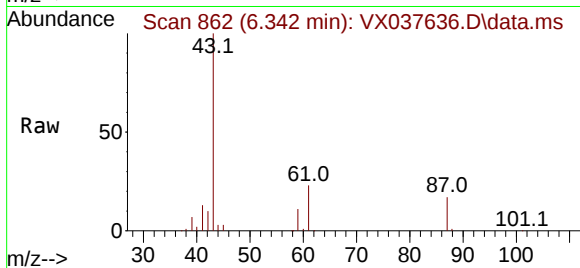




#43
Isopropyl Acetate
Concen: 25.532 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX037636.D
Acq: 09 Sep 2023 18:38

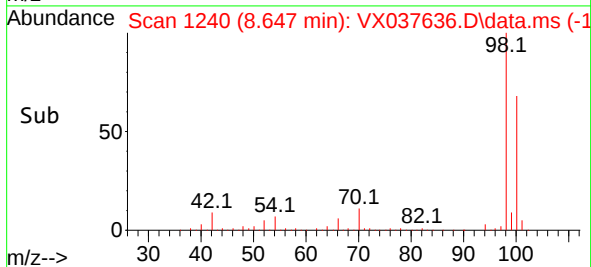
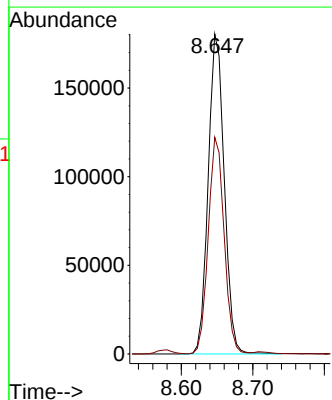
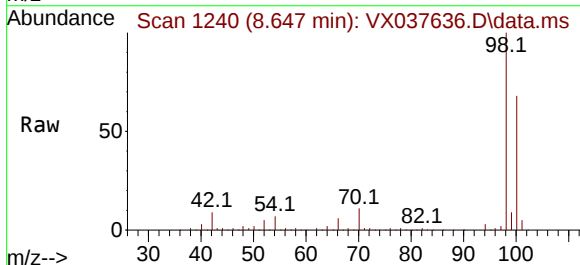
Instrument :
MSVOA_X
ClientSampleId :
TP4

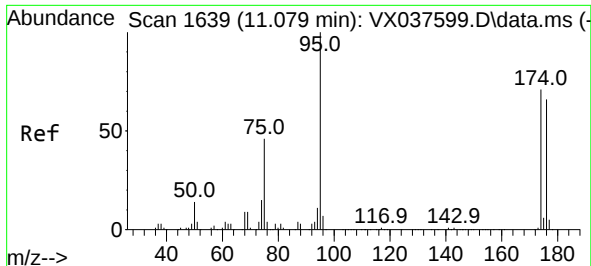
Tgt Ion: 43 Resp: 86930
Ion Ratio Lower Upper
43 100
61 23.8 15.2 22.8#
87 17.3 9.8 14.6#



#50
Toluene-d8
Concen: 45.716 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX037636.D
Acq: 09 Sep 2023 18:38

Tgt Ion: 98 Resp: 281389
Ion Ratio Lower Upper
98 100
100 66.9 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 43.623 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX037636.D

Acq: 09 Sep 2023 18:38

Instrument :

MSVOA_X

ClientSampleId :

TP4

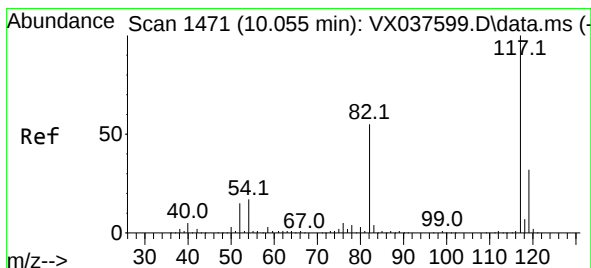
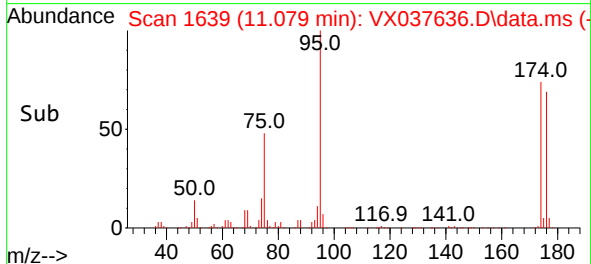
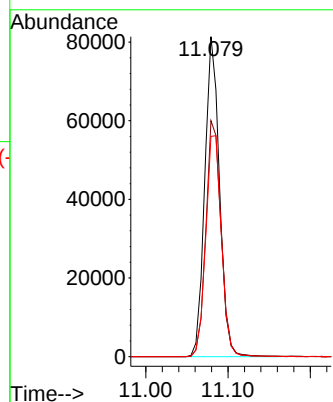
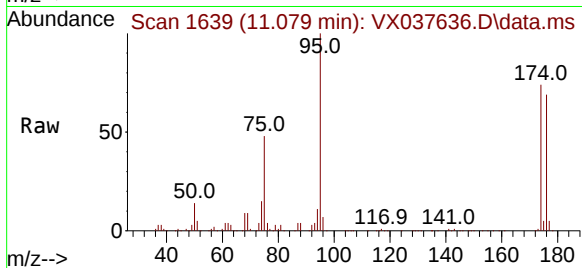
Tgt Ion: 95 Resp: 101195

Ion Ratio Lower Upper

95 100

174 76.1 0.0 135.6

176 73.9 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: VX037636.D

Acq: 09 Sep 2023 18:38

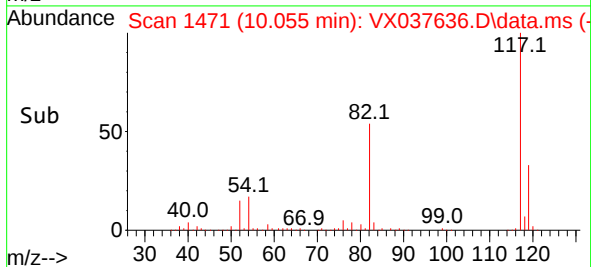
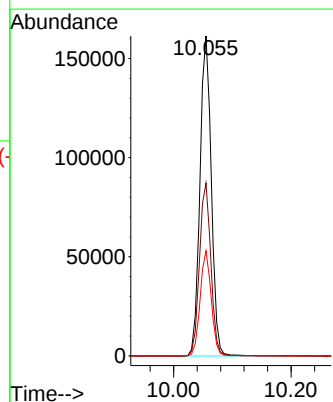
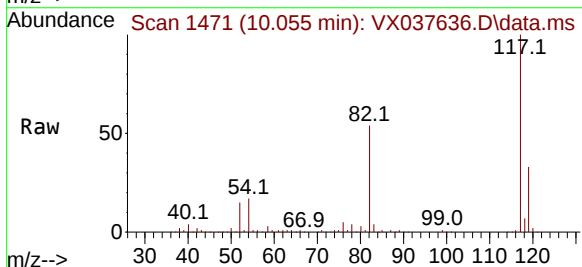
Tgt Ion: 117 Resp: 216424

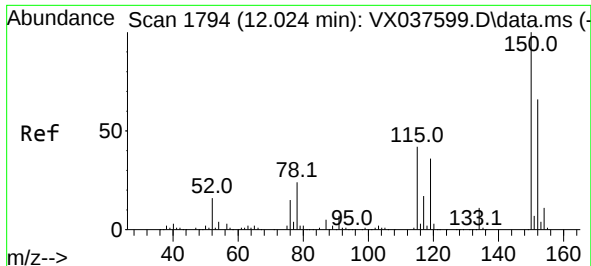
Ion Ratio Lower Upper

117 100

82 54.0 46.2 69.4

119 32.8 25.5 38.3

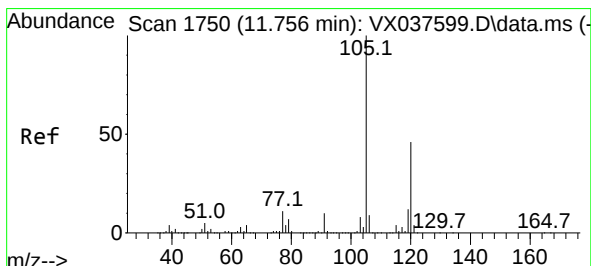
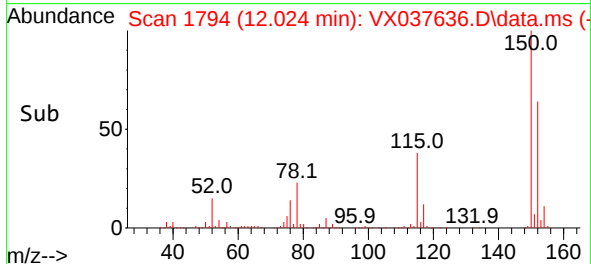
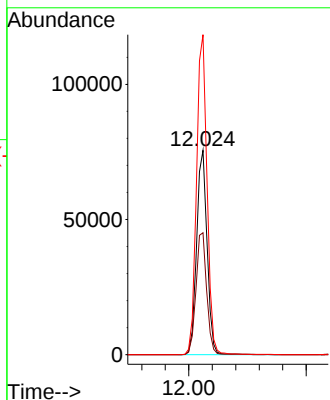
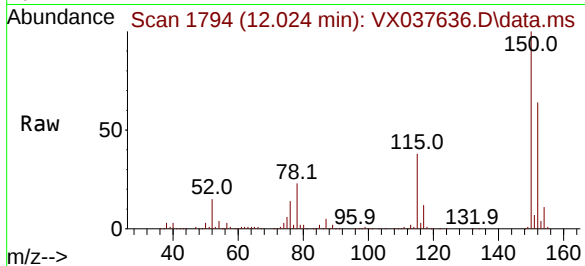




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX037636.D
 Acq: 09 Sep 2023 18:38

Instrument :
 MSVOA_X
 ClientSampleId :
 TP4

Tgt Ion:152 Resp: 93590
 Ion Ratio Lower Upper
 152 100
 115 61.0 43.3 129.9
 150 157.2 0.0 345.0



#84
 1,2,4-Trimethylbenzene
 Concen: 1.910 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. -0.006 min
 Lab File: VX037636.D
 Acq: 09 Sep 2023 18:38

Tgt Ion:105 Resp: 11388
 Ion Ratio Lower Upper
 105 100
 120 42.7 21.2 63.6

