

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090923\
 Data File : VX037637.D
 Acq On : 09 Sep 2023 19:03
 Operator : JC/MD
 Sample : 04338-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP3

Quant Time: Sep 11 01:27:45 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)

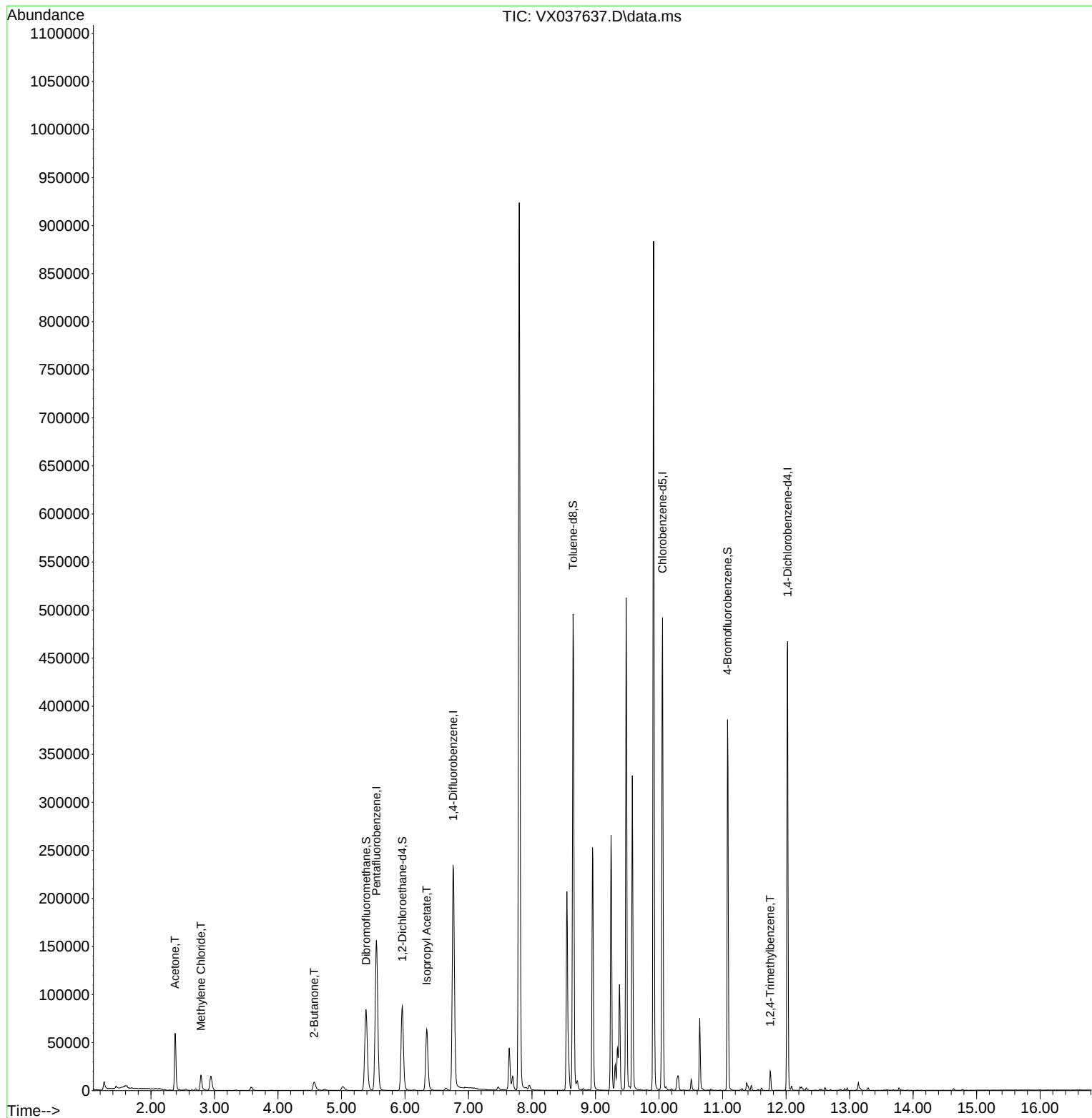
Internal Standards						
1) Pentafluorobenzene	5.550	168	153310	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	255606	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	234474	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	105513	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	85063	41.103	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	82.200%
35) Dibromofluoromethane	5.385	113	76674	42.887	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	85.780%
50) Toluene-d8	8.647	98	303134	46.229	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.460%
62) 4-Bromofluorobenzene	11.079	95	111788	45.234	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.460%
Target Compounds						
					Qvalue	
16) Acetone	2.379	43	62641	73.605	ug/l #	81
20) Methylene Chloride	2.788	84	9215	3.786	ug/l #	84
25) 2-Butanone	4.568	43	15096	11.696	ug/l #	85
43) Isopropyl Acetate	6.342	43	84621	23.330	ug/l #	87
84) 1,2,4-Trimethylbenzene	11.750	105	9788	1.456	ug/l	98

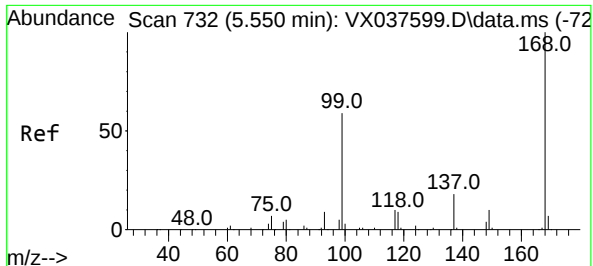
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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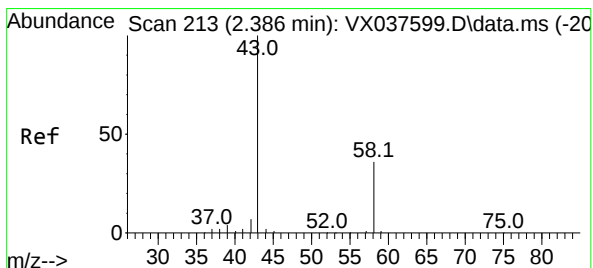
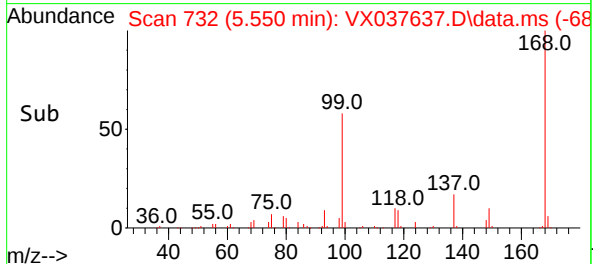
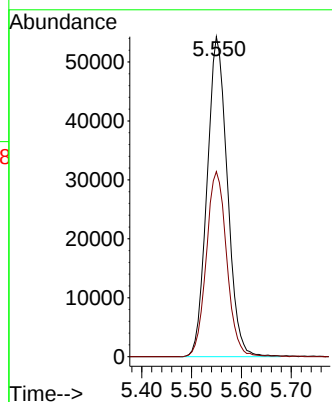
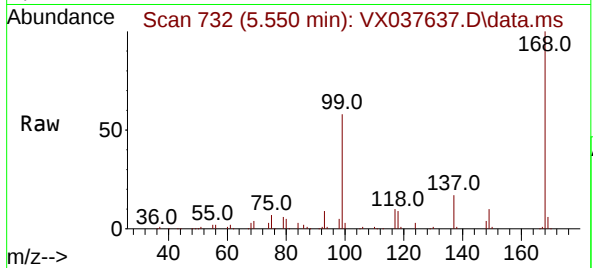




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037637.D
Acq: 09 Sep 2023 19:03

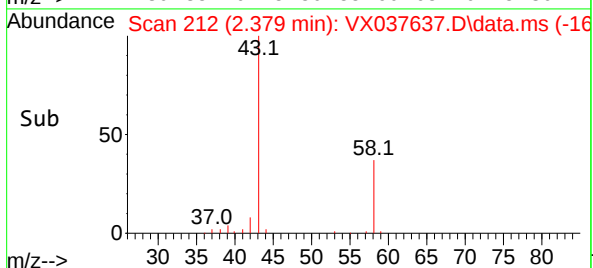
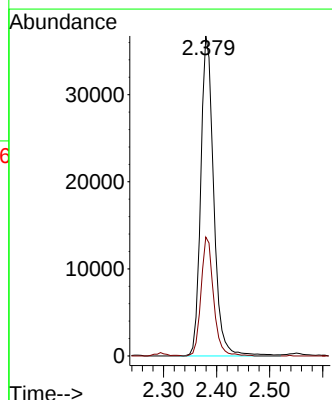
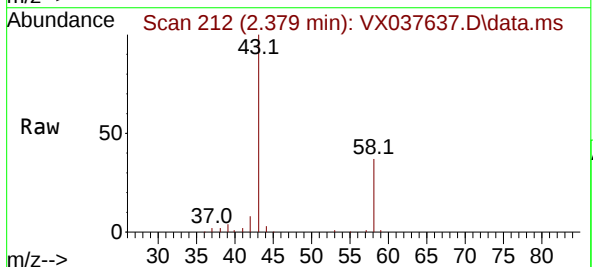
Instrument :
MSVOA_X
ClientSampleId :
TP3

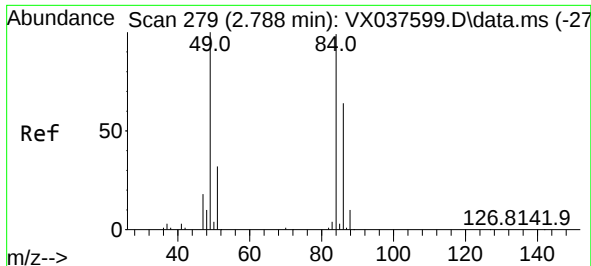
Tgt Ion:168 Resp: 153310
Ion Ratio Lower Upper
168 100
99 57.9 56.6 85.0



#16
Acetone
Concen: 73.605 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX037637.D
Acq: 09 Sep 2023 19:03

Tgt Ion: 43 Resp: 62641
Ion Ratio Lower Upper
43 100
58 37.2 21.9 32.9#

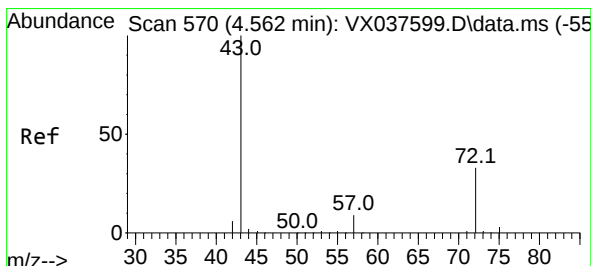
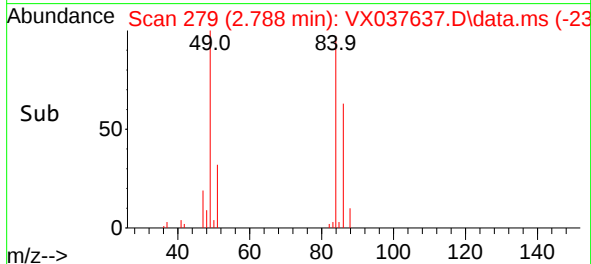
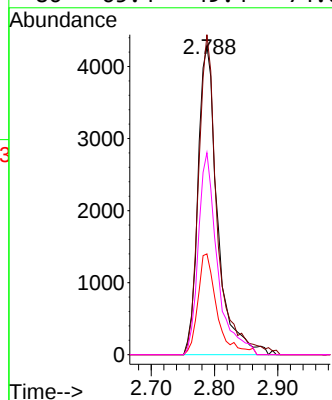
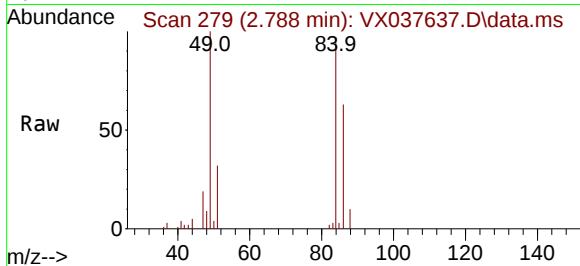




#20
Methylene Chloride
Concen: 3.786 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX037637.D
Acq: 09 Sep 2023 19:03

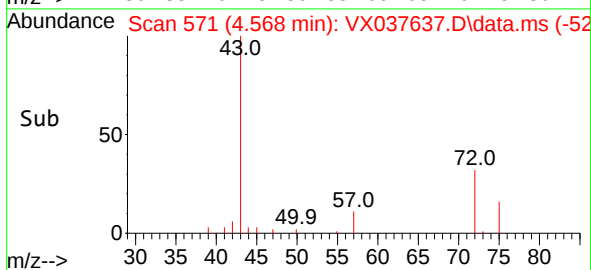
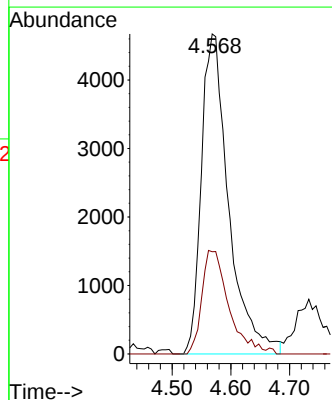
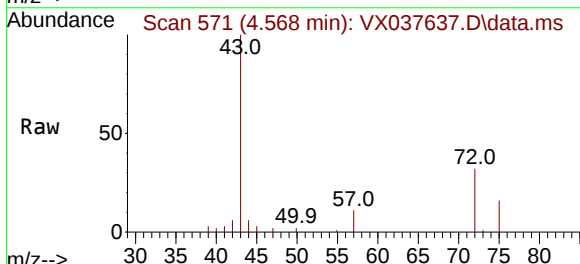
Instrument :
MSVOA_X
ClientSampleId :
TP3

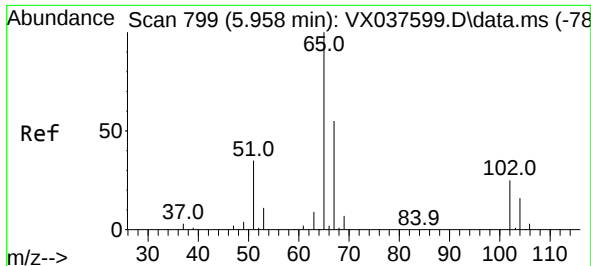
Tgt Ion:	84	Resp:	9215
Ion	Ratio	Lower	Upper
84	100		
49	103.6	103.6	155.4#
51	32.6	33.8	50.6#
86	65.4	49.4	74.0



#25
2-Butanone
Concen: 11.696 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX037637.D
Acq: 09 Sep 2023 19:03

Tgt Ion:	43	Resp:	15096
Ion	Ratio	Lower	Upper
43	100		
72	32.0	19.4	29.2#





#33

1,2-Dichloroethane-d4

Concen: 41.103 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX037637.D

Acq: 09 Sep 2023 19:03

Instrument :

MSVOA_X

ClientSampleId :

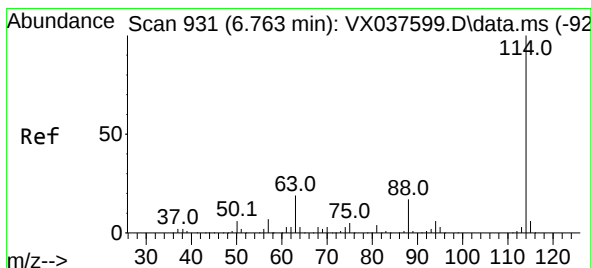
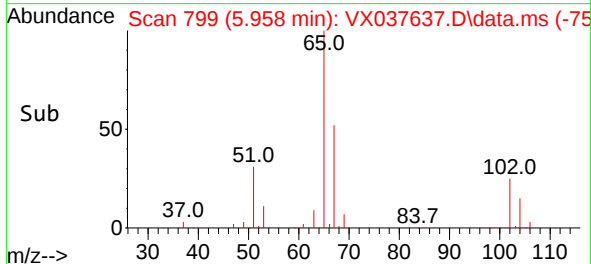
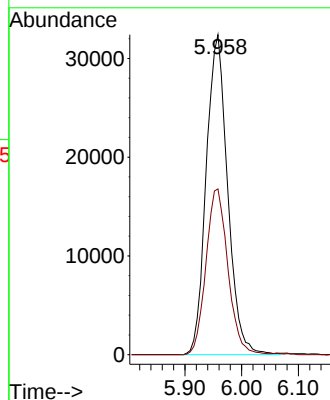
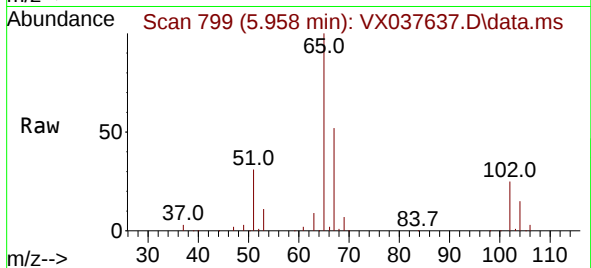
TP3

Tgt Ion: 65 Resp: 85063

Ion Ratio Lower Upper

65 100

67 53.1 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX037637.D

Acq: 09 Sep 2023 19:03

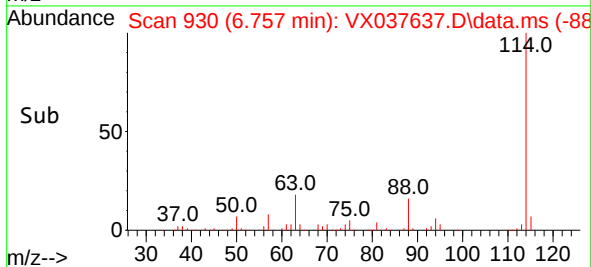
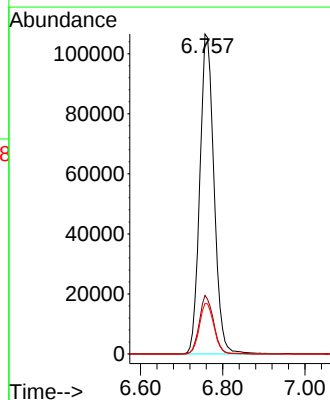
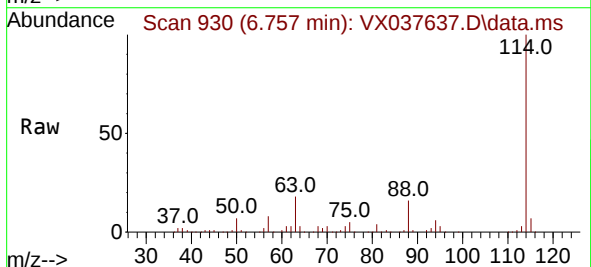
Tgt Ion: 114 Resp: 255606

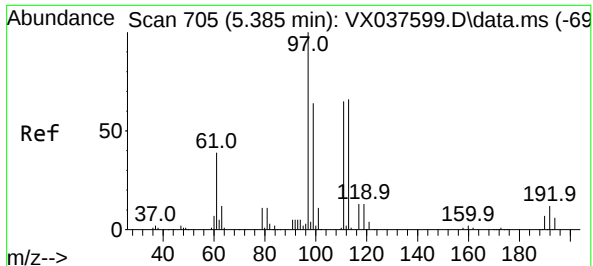
Ion Ratio Lower Upper

114 100

63 18.3 0.0 45.0

88 15.8 0.0 36.6

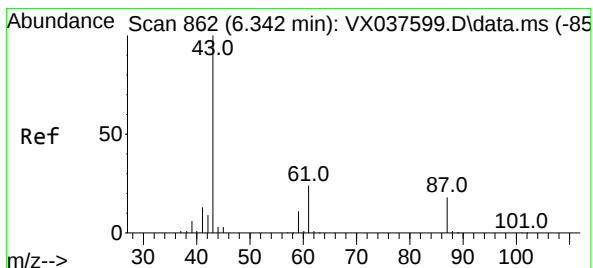
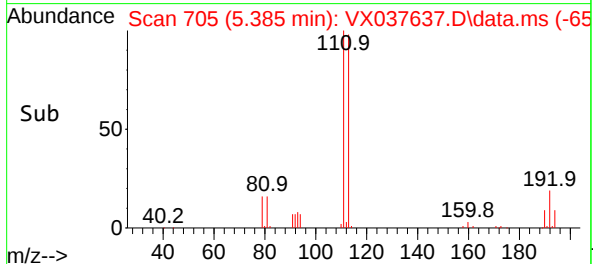
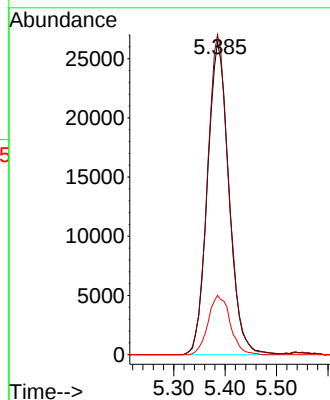
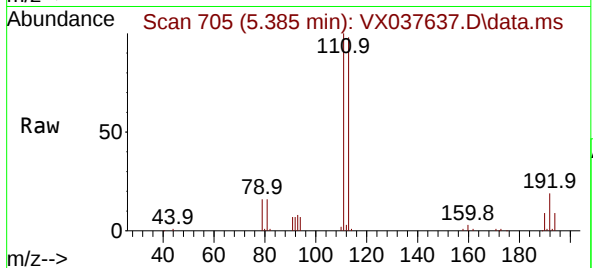




#35
Dibromofluoromethane
Concen: 42.887 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037637.D
Acq: 09 Sep 2023 19:03

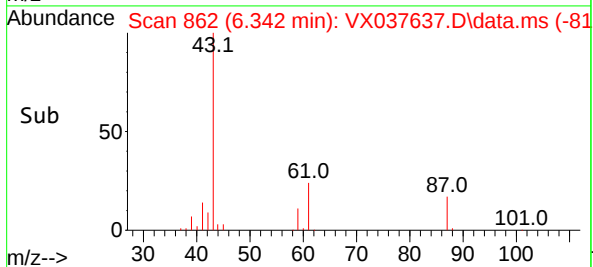
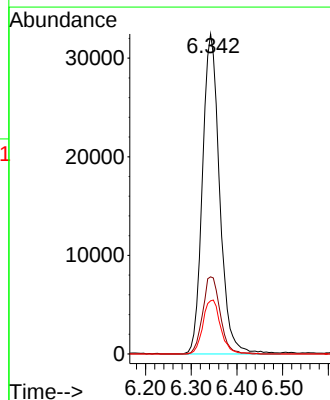
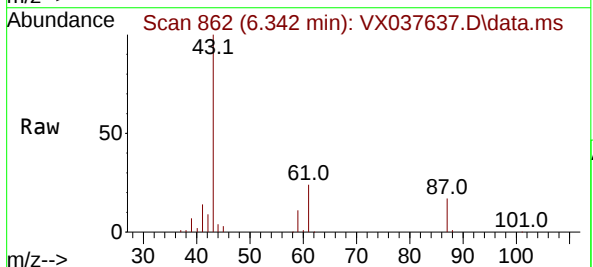
Instrument :
MSVOA_X
ClientSampleId :
TP3

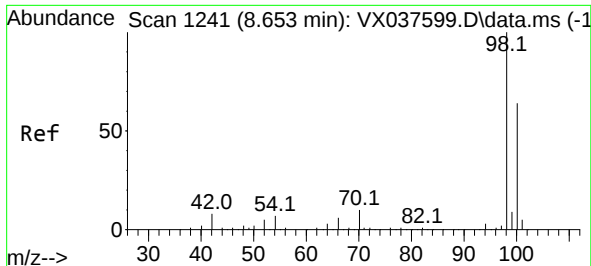
Tgt Ion:113 Resp: 76674
Ion Ratio Lower Upper
113 100
111 101.8 82.9 124.3
192 19.4 13.3 19.9



#43
Isopropyl Acetate
Concen: 23.330 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX037637.D
Acq: 09 Sep 2023 19:03

Tgt Ion: 43 Resp: 84621
Ion Ratio Lower Upper
43 100
61 24.6 15.2 22.8#
87 17.3 9.8 14.6#

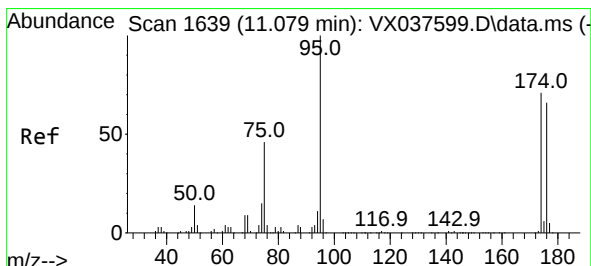
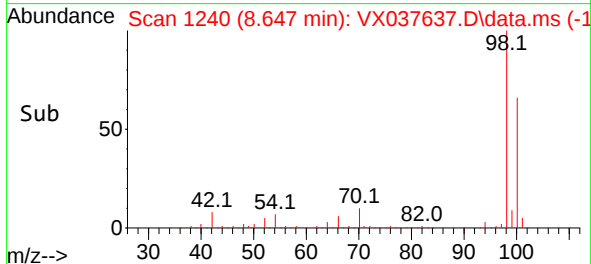
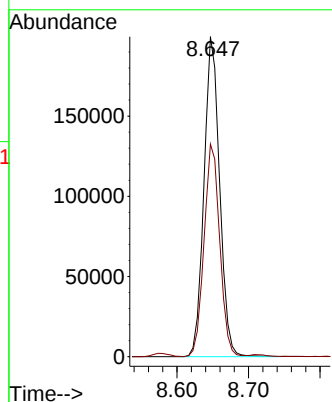
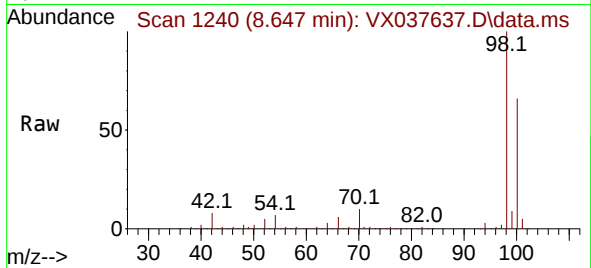




#50
Toluene-d8
Concen: 46.229 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX037637.D
Acq: 09 Sep 2023 19:03

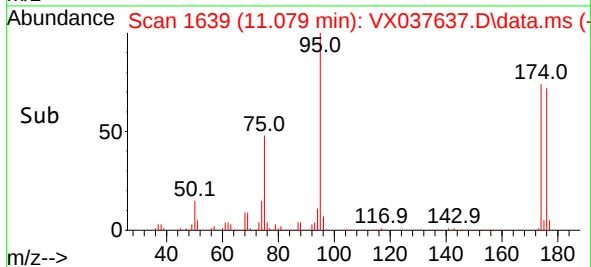
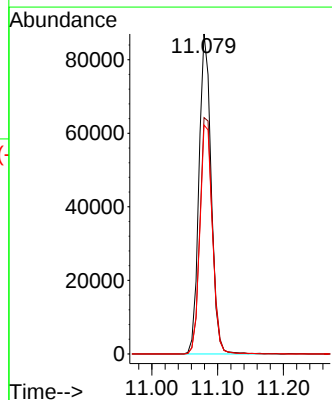
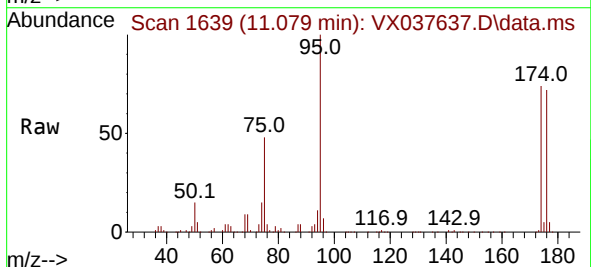
Instrument :
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ClientSampleId :
TP3

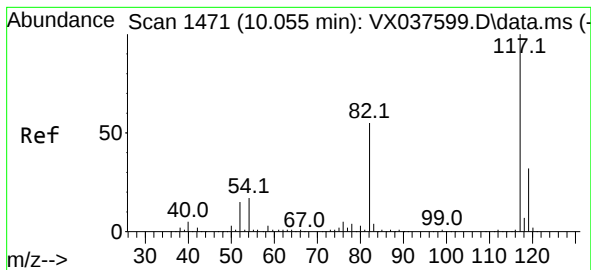
Tgt Ion: 98 Resp: 303134
Ion Ratio Lower Upper
98 100
100 66.4 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 45.234 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037637.D
Acq: 09 Sep 2023 19:03

Tgt Ion: 95 Resp: 111788
Ion Ratio Lower Upper
95 100
174 76.4 0.0 135.6
176 73.8 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: VX037637.D

Acq: 09 Sep 2023 19:03

Instrument :

MSVOA_X

ClientSampleId :

TP3

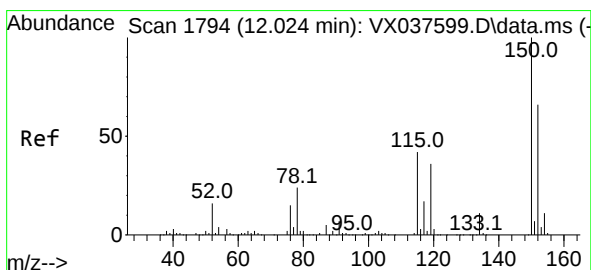
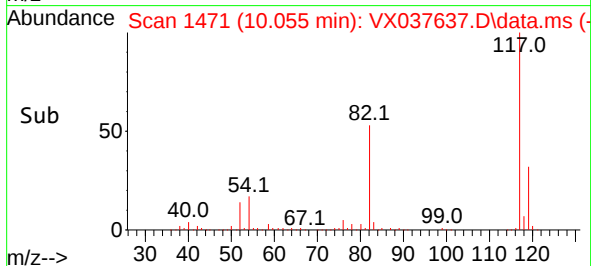
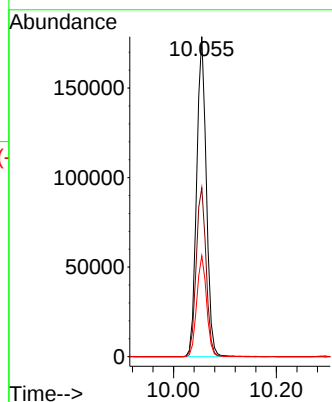
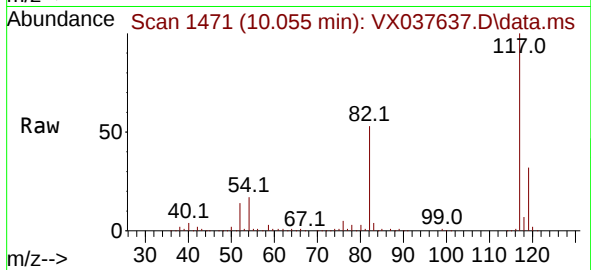
Tgt Ion:117 Resp: 234474

Ion Ratio Lower Upper

117 100

82 52.8 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# 1794

Delta R.T. -0.000 min

Lab File: VX037637.D

Acq: 09 Sep 2023 19:03

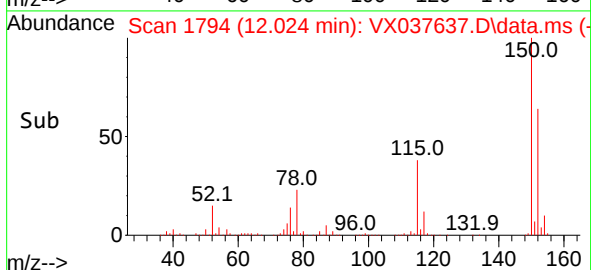
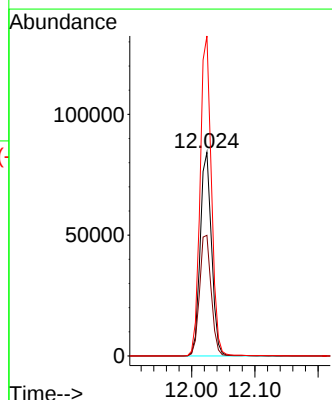
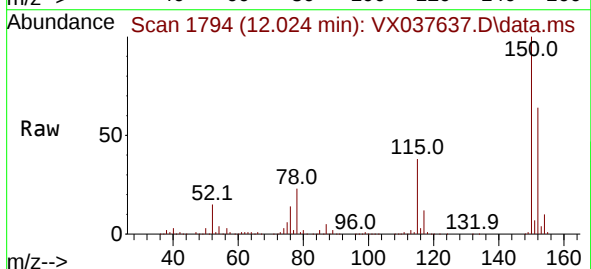
Tgt Ion:152 Resp: 105513

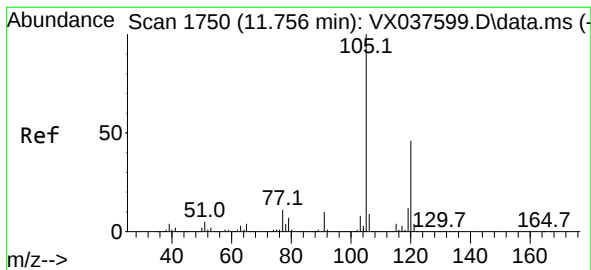
Ion Ratio Lower Upper

152 100

115 60.7 43.3 129.9

150 156.4 0.0 345.0





#84

1,2,4-Trimethylbenzene

Concen: 1.456 ug/l

RT: 11.750 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX037637.D

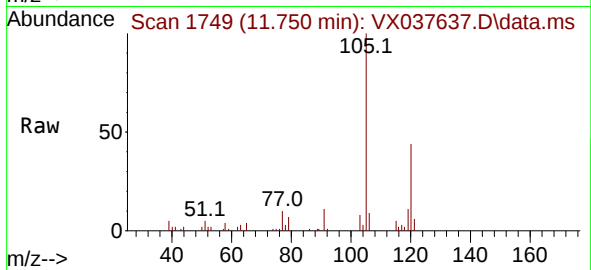
Acq: 09 Sep 2023 19:03

Instrument :

MSVOA_X

ClientSampleId :

TP3



Tgt Ion:105 Resp: 9788

Ion Ratio Lower Upper

105 100

120 43.5 21.2 63.6

