

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090923\
 Data File : VX037638.D
 Acq On : 09 Sep 2023 19:27
 Operator : JC/MD
 Sample : 04338-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP2

Quant Time: Sep 11 01:28:15 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)

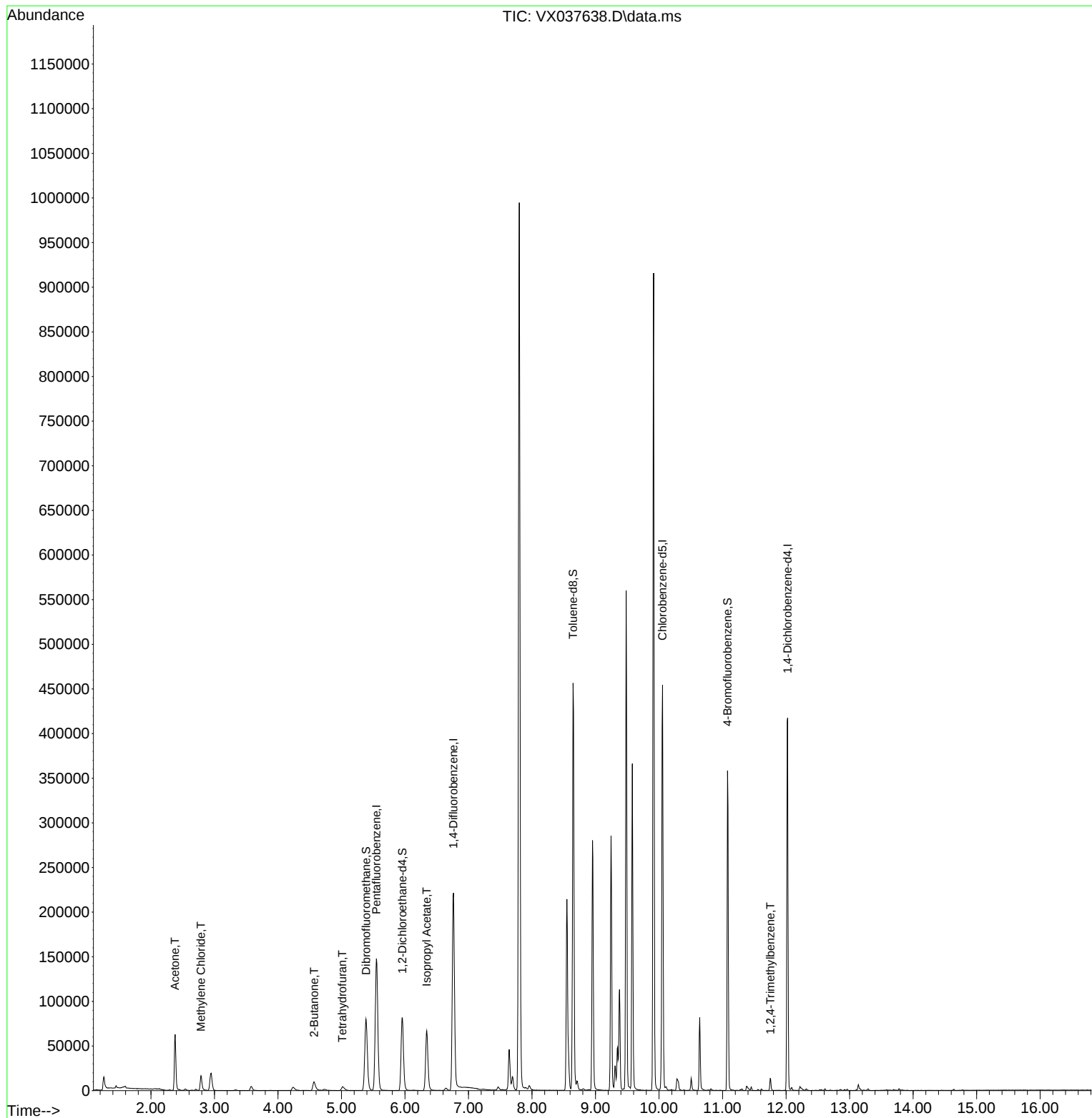
Internal Standards						
1) Pentafluorobenzene	5.550	168	143297	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	240292	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	218346	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94868	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	79770	41.239	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	82.480%
35) Dibromofluoromethane	5.385	113	72199	42.958	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	85.920%
50) Toluene-d8	8.647	98	284383	46.134	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.260%
62) 4-Bromofluorobenzene	11.079	95	101341	43.621	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.240%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	64558	81.158	ug/l #	81
20) Methylene Chloride	2.788	84	9794	4.442	ug/l #	84
25) 2-Butanone	4.568	43	15484	12.835	ug/l #	85
29) Tetrahydrofuran	5.013	42	4091	5.293	ug/l #	84
43) Isopropyl Acetate	6.342	43	88597	25.983	ug/l #	87
84) 1,2,4-Trimethylbenzene	11.756	105	6887	1.140	ug/l	100

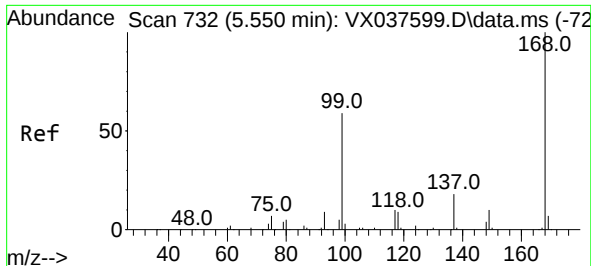
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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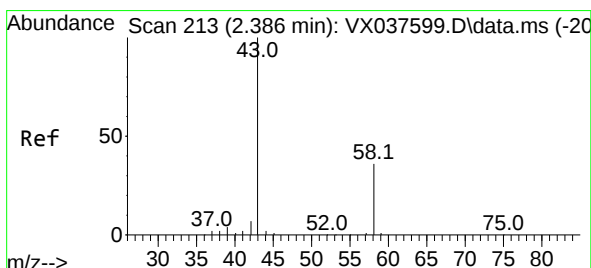
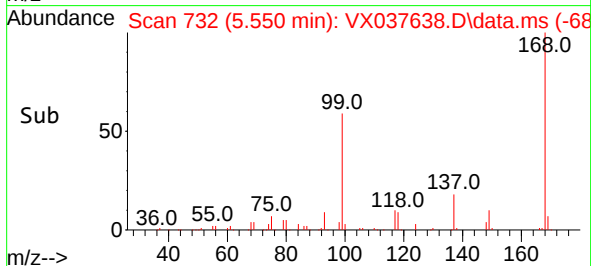
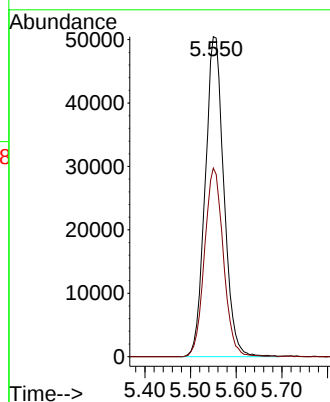
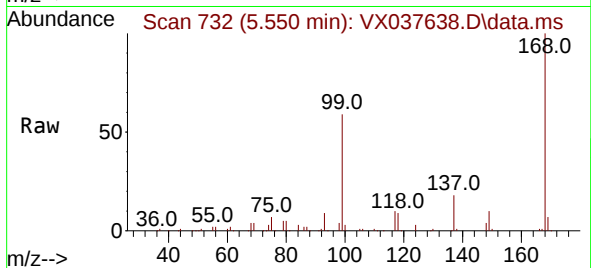




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037638.D
Acq: 09 Sep 2023 19:27

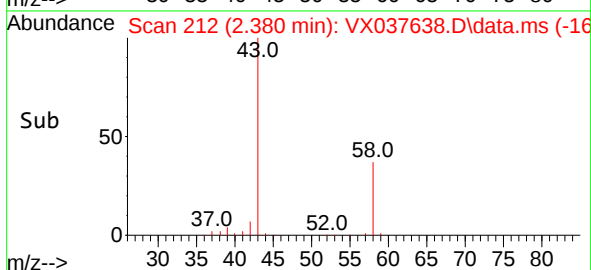
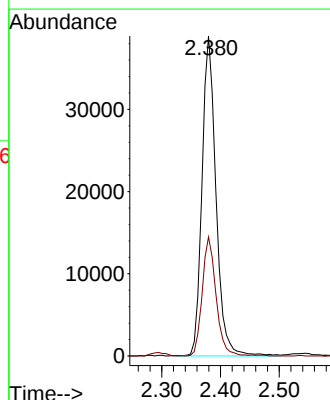
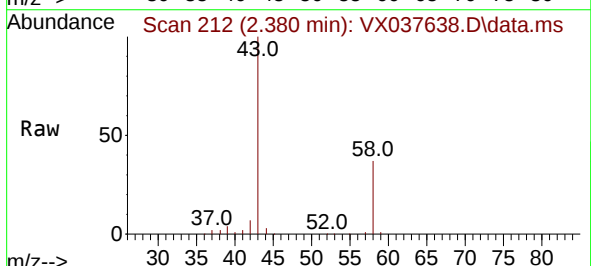
Instrument :
MSVOA_X
ClientSampleId :
TP2

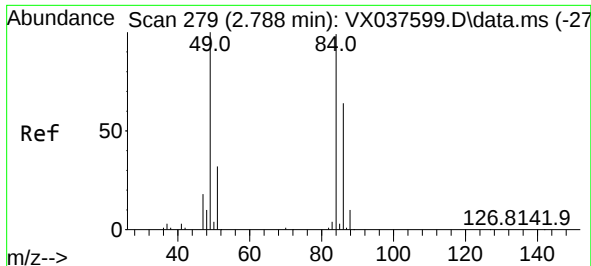
Tgt Ion:168 Resp: 143297
Ion Ratio Lower Upper
168 100
99 59.0 56.6 85.0



#16
Acetone
Concen: 81.158 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX037638.D
Acq: 09 Sep 2023 19:27

Tgt Ion: 43 Resp: 64558
Ion Ratio Lower Upper
43 100
58 37.2 21.9 32.9#

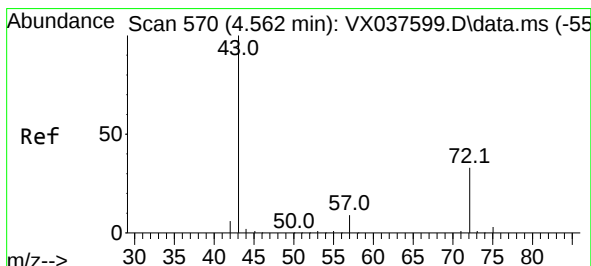
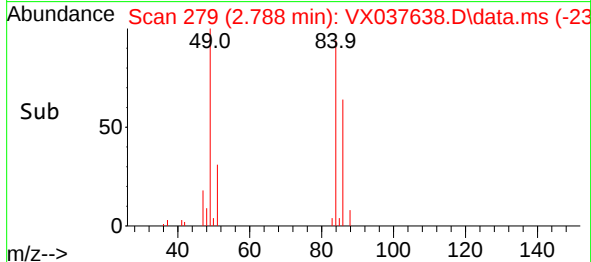
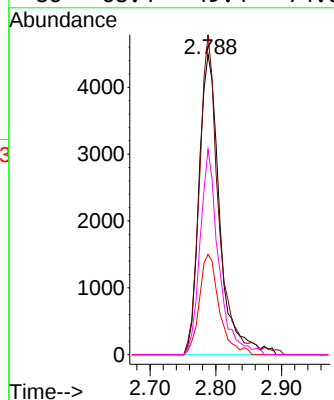
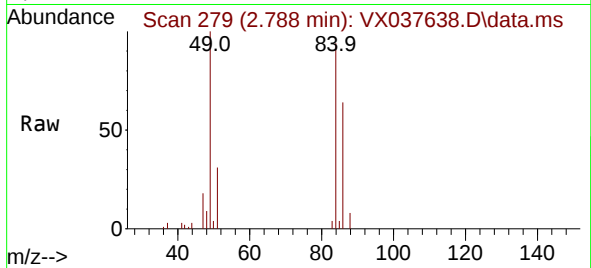




#20
Methylene Chloride
Concen: 4.442 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX037638.D
Acq: 09 Sep 2023 19:27

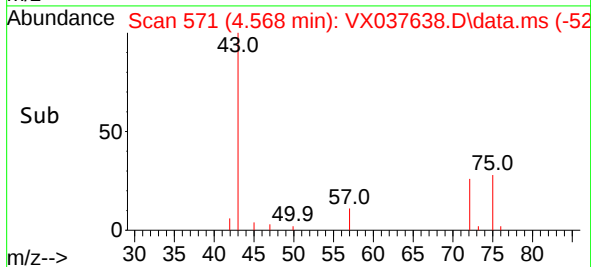
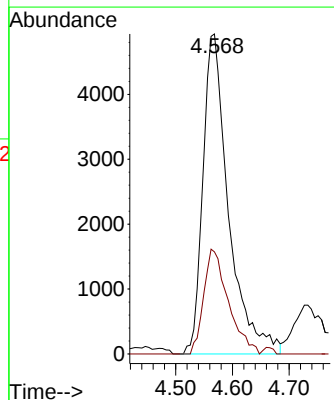
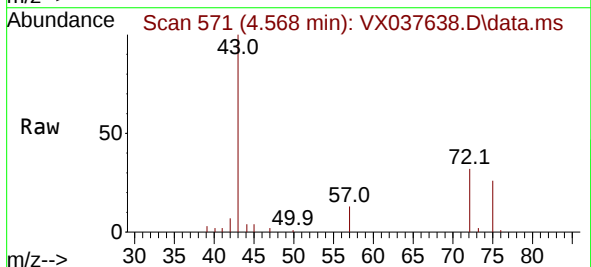
Instrument :
MSVOA_X
ClientSampleId :
TP2

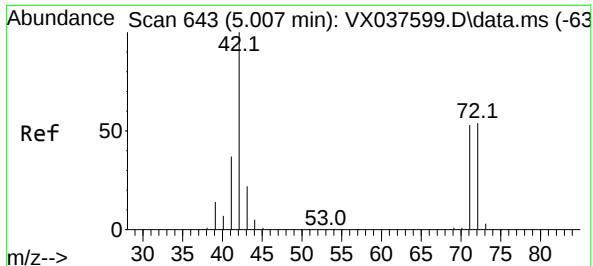
Tgt Ion:	84	Resp:	9794
Ion	Ratio	Lower	Upper
84	100		
49	106.6	103.6	155.4
51	33.4	33.8	50.6#
86	68.4	49.4	74.0



#25
2-Butanone
Concen: 12.835 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX037638.D
Acq: 09 Sep 2023 19:27

Tgt Ion:	43	Resp:	15484
Ion	Ratio	Lower	Upper
43	100		
72	31.9	19.4	29.2#





#29

Tetrahydrofuran

Concen: 5.293 ug/l

RT: 5.013 min Scan# 643

Delta R.T. 0.006 min

Lab File: VX037638.D

Acq: 09 Sep 2023 19:27

Instrument :

MSVOA_X

ClientSampleId :

TP2

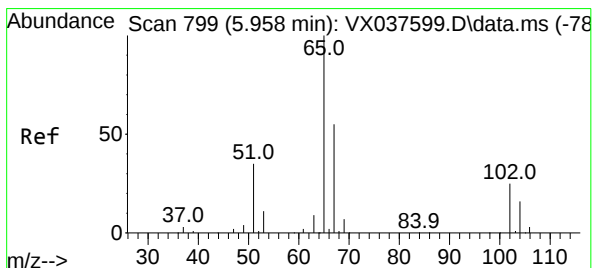
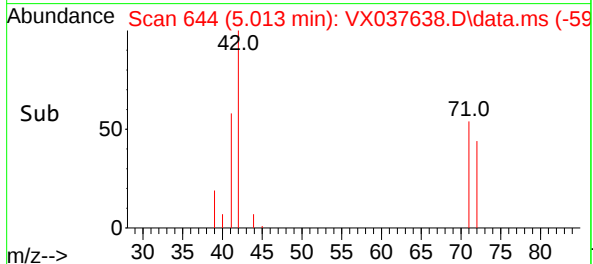
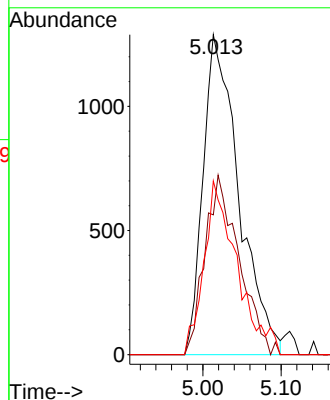
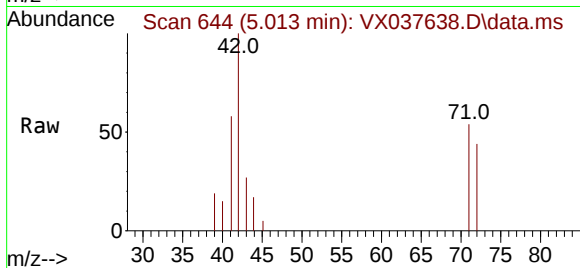
Tgt Ion: 42 Resp: 4091

Ion Ratio Lower Upper

42 100

72 53.5 34.2 51.4#

71 50.0 32.2 48.2#



#33

1,2-Dichloroethane-d4

Concen: 41.239 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX037638.D

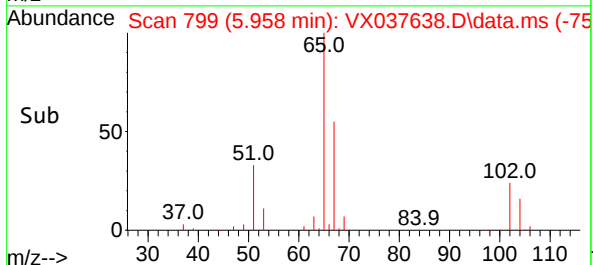
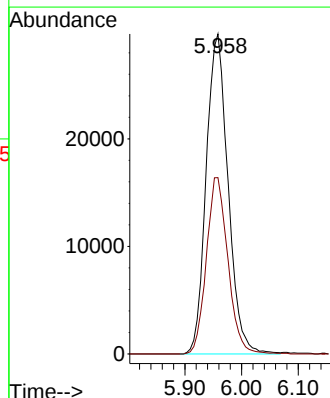
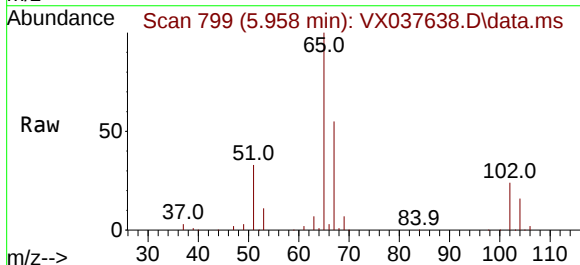
Acq: 09 Sep 2023 19:27

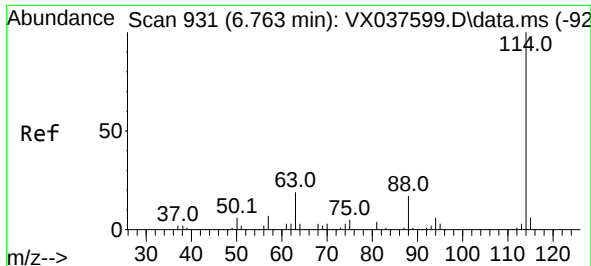
Tgt Ion: 65 Resp: 79770

Ion Ratio Lower Upper

65 100

67 54.3 0.0 100.2

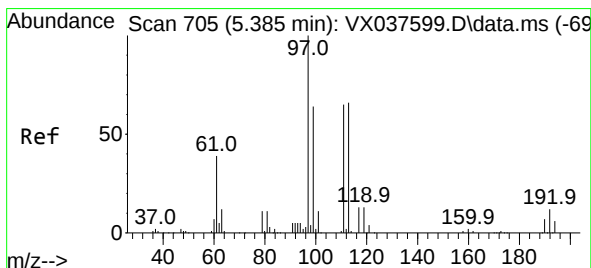
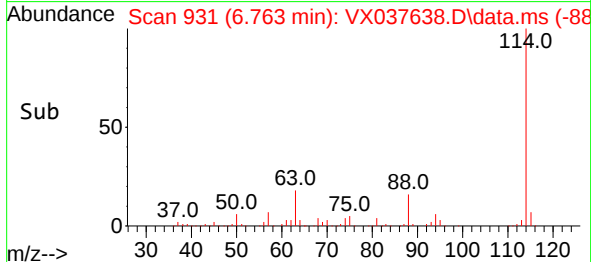
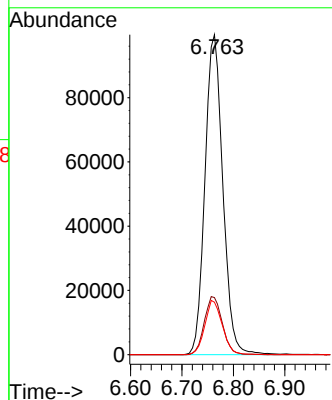
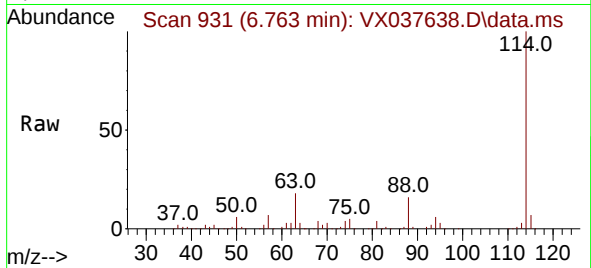




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX037638.D
Acq: 09 Sep 2023 19:27

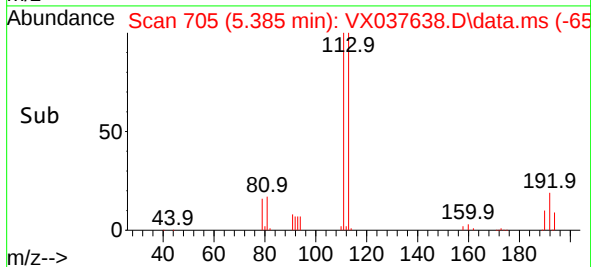
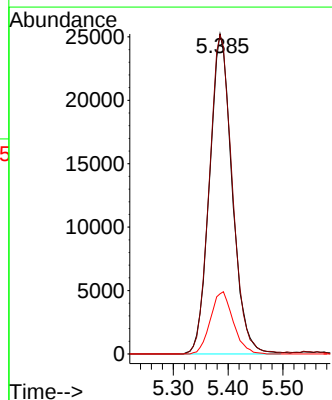
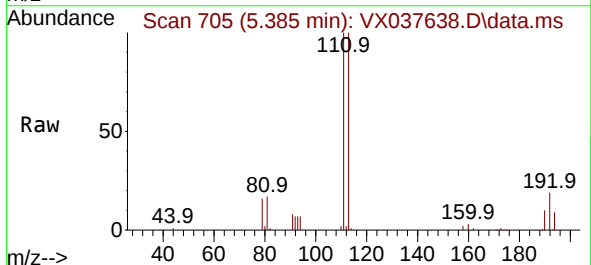
Instrument :
MSVOA_X
ClientSampleId :
TP2

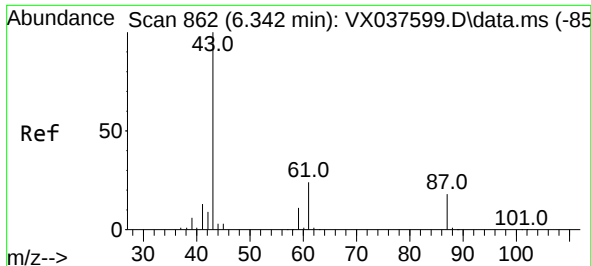
Tgt Ion:114 Resp: 240292
Ion Ratio Lower Upper
114 100
63 17.8 0.0 45.0
88 16.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 42.958 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037638.D
Acq: 09 Sep 2023 19:27

Tgt Ion:113 Resp: 72199
Ion Ratio Lower Upper
113 100
111 101.3 82.9 124.3
192 19.5 13.3 19.9

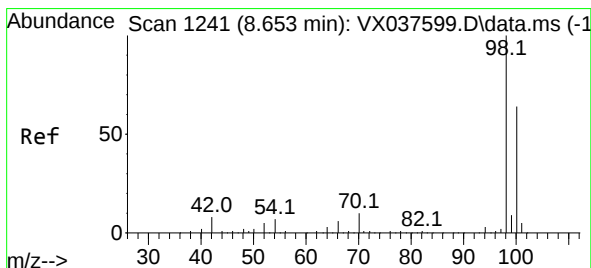
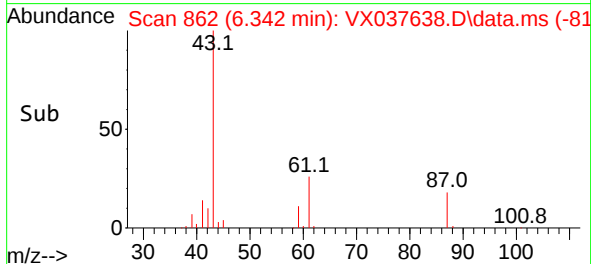
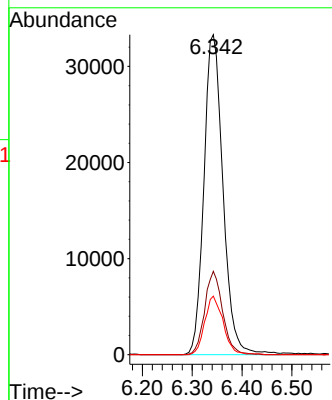
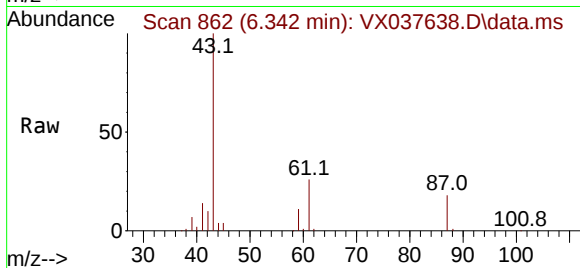




#43
Isopropyl Acetate
Concen: 25.983 ug/l
RT: 6.342 min Scan# 80
Delta R.T. -0.000 min
Lab File: VX037638.D
Acq: 09 Sep 2023 19:27

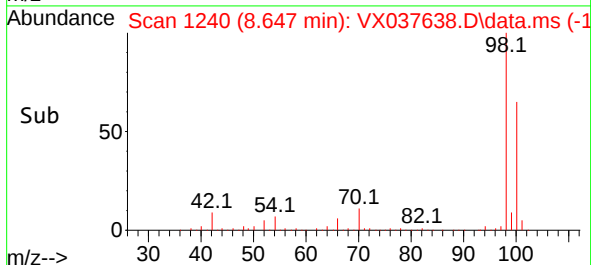
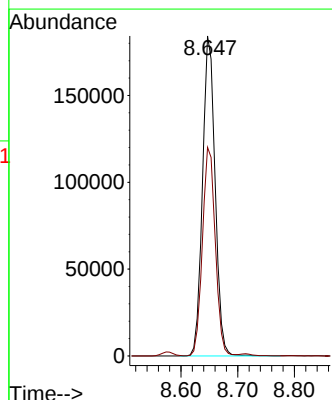
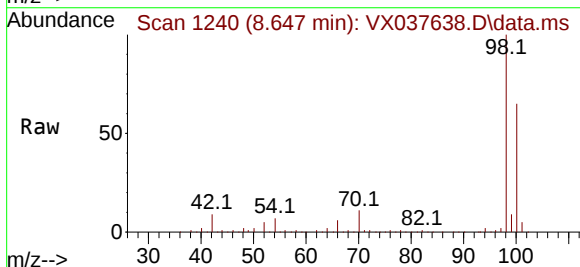
Instrument :
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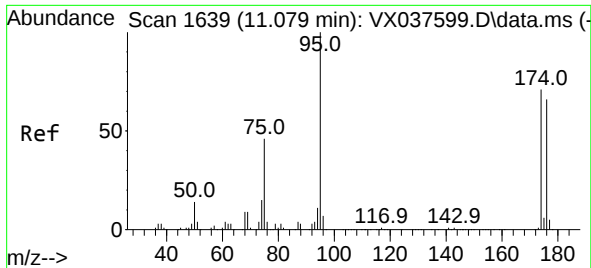
Tgt Ion: 43 Resp: 88597
Ion Ratio Lower Upper
43 100
61 24.5 15.2 22.8#
87 17.6 9.8 14.6#



#50
Toluene-d8
Concen: 46.134 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX037638.D
Acq: 09 Sep 2023 19:27

Tgt Ion: 98 Resp: 284383
Ion Ratio Lower Upper
98 100
100 66.4 53.1 79.7

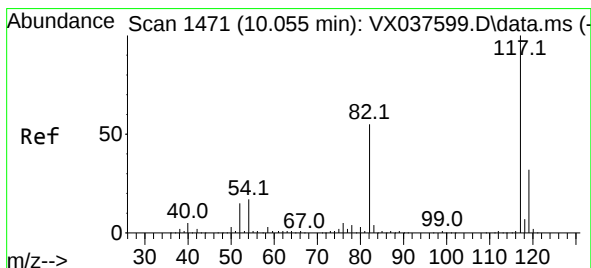
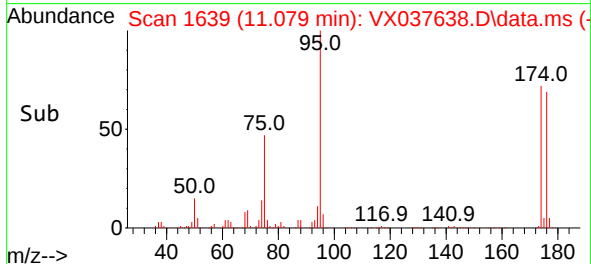
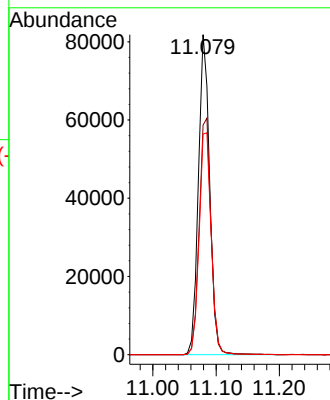
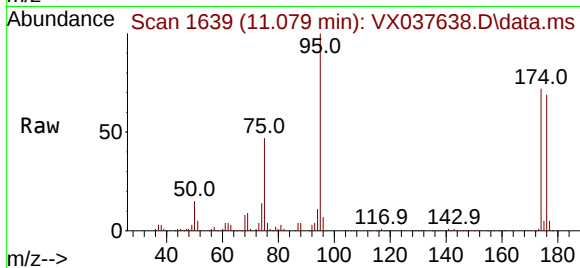




#62
4-Bromofluorobenzene
Concen: 43.621 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037638.D
Acq: 09 Sep 2023 19:27

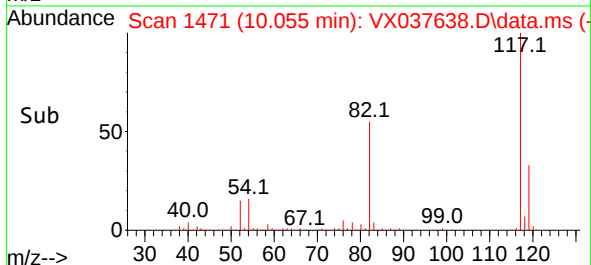
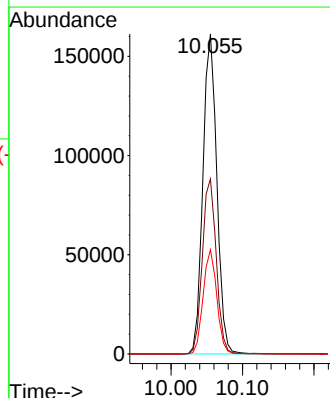
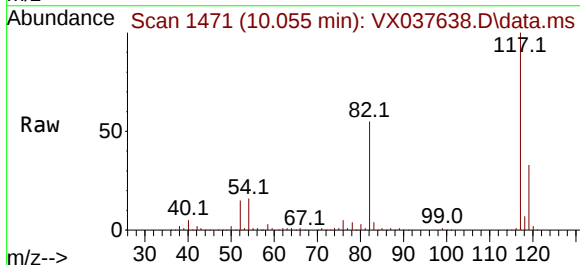
Instrument :
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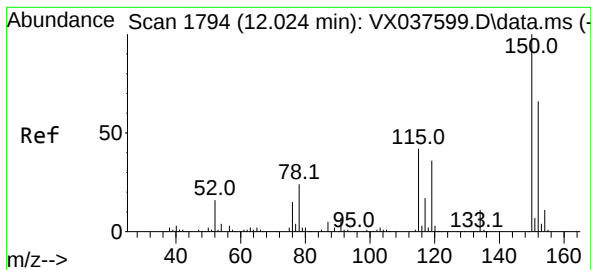
Tgt Ion: 95 Resp: 101341
Ion Ratio Lower Upper
95 100
174 78.3 0.0 135.6
176 74.1 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037638.D
Acq: 09 Sep 2023 19:27

Tgt Ion: 117 Resp: 218346
Ion Ratio Lower Upper
117 100
82 54.7 46.2 69.4
119 32.6 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: VX037638.D

Acq: 09 Sep 2023 19:27

Instrument :

MSVOA_X

ClientSampleId :

TP2

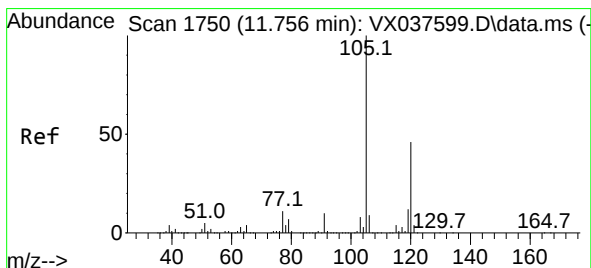
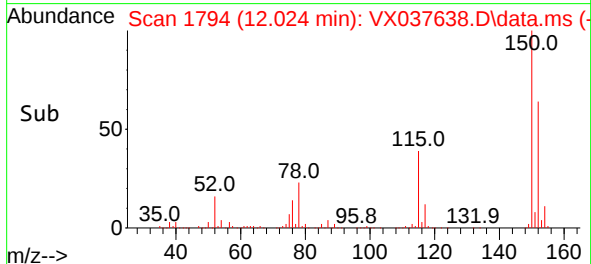
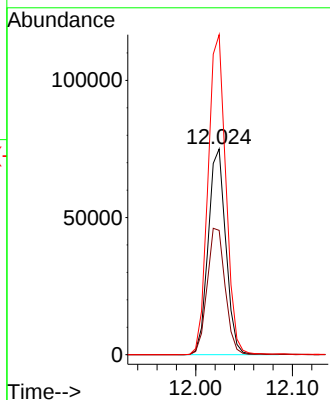
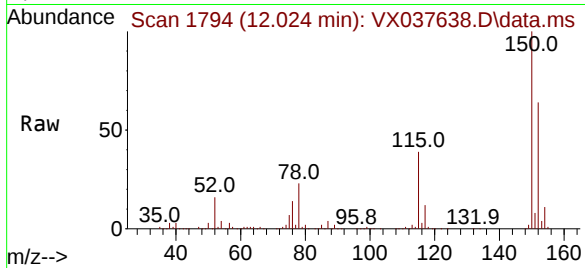
Tgt Ion:152 Resp: 94868

Ion Ratio Lower Upper

152 100

115 62.8 43.3 129.9

150 157.1 0.0 345.0



#84

1,2,4-Trimethylbenzene

Concen: 1.140 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. -0.000 min

Lab File: VX037638.D

Acq: 09 Sep 2023 19:27

Tgt Ion:105 Resp: 6887

Ion Ratio Lower Upper

105 100

120 42.5 21.2 63.6

