

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082923\
 Data File : VX037336.D
 Acq On : 29 Aug 2023 12:50
 Operator : JC/MD
 Sample : 04207-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-082823

Quant Time: Aug 30 02:05:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

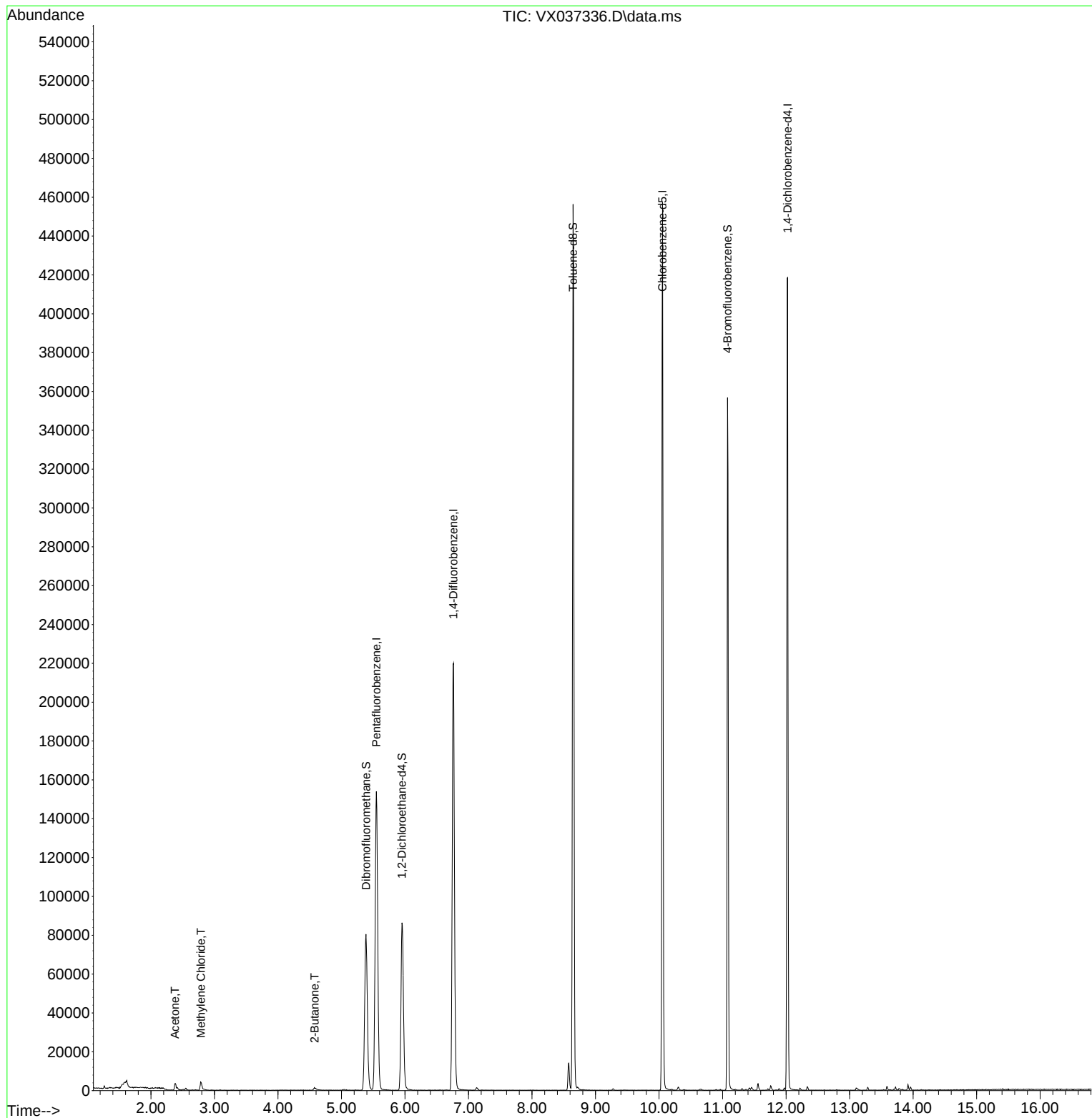
Internal Standards						
1) Pentafluorobenzene	5.550	168	144728	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	237792	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	207151	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	92075	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	88335	42.336	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	84.680%
35) Dibromofluoromethane	5.385	113	72894	46.287	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.580%
50) Toluene-d8	8.647	98	277229	48.530	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.060%
62) 4-Bromofluorobenzene	11.079	95	98903	44.056	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.120%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	4102	5.025	ug/l #	88
20) Methylene Chloride	2.788	84	2684	1.470	ug/l #	83
25) 2-Butanone	4.574	43	2583	2.102	ug/l	91

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

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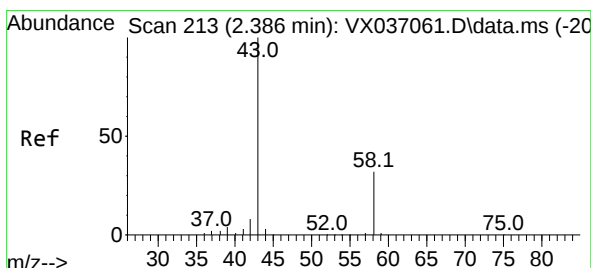
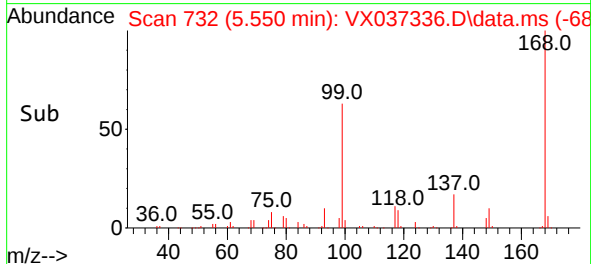
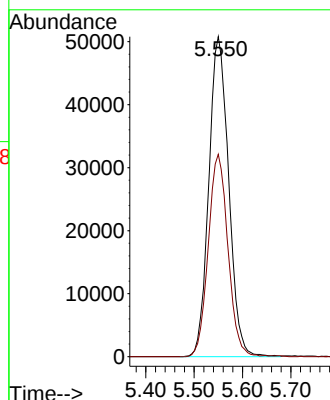
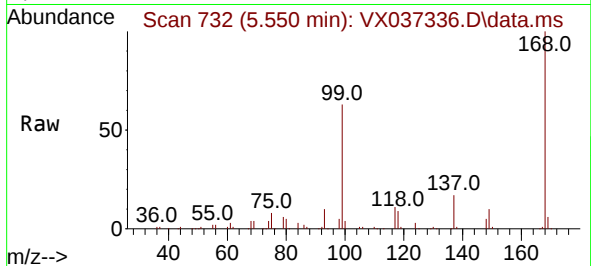




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037336.D
Acq: 29 Aug 2023 12:50

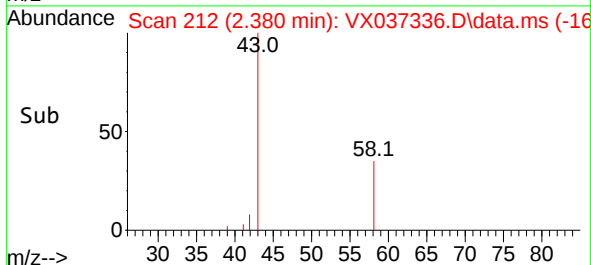
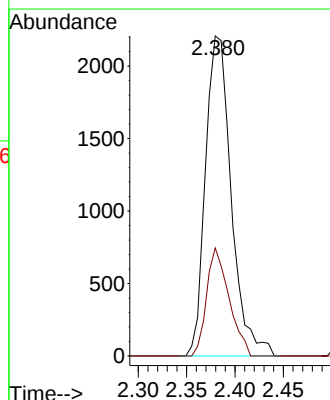
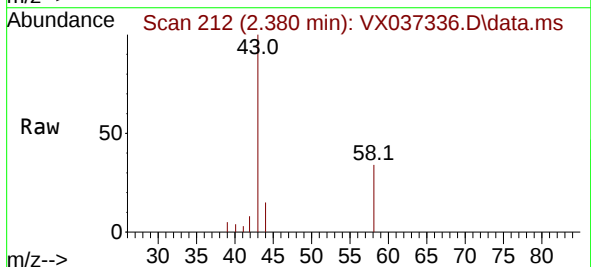
Instrument :
MSVOA_X
ClientSampleId :
TB-01-082823

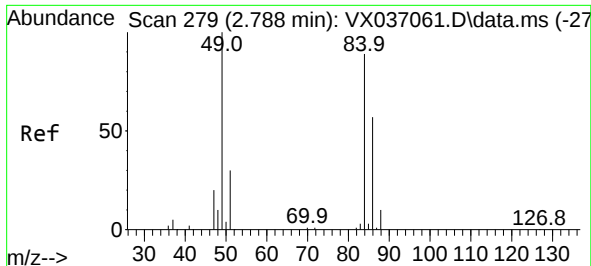
Tgt Ion:168 Resp: 144728
Ion Ratio Lower Upper
168 100
99 63.2 56.6 85.0



#16
Acetone
Concen: 5.025 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX037336.D
Acq: 29 Aug 2023 12:50

Tgt Ion: 43 Resp: 4102
Ion Ratio Lower Upper
43 100
58 33.7 21.9 32.9#





#20

Methylene Chloride

Concen: 1.470 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX037336.D

Acq: 29 Aug 2023 12:50

Instrument :

MSVOA_X

ClientSampleId :

TB-01-082823

Tgt Ion: 84 Resp: 2684

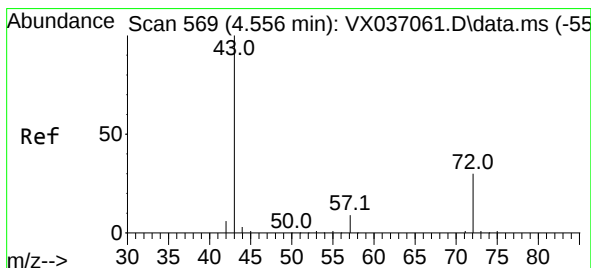
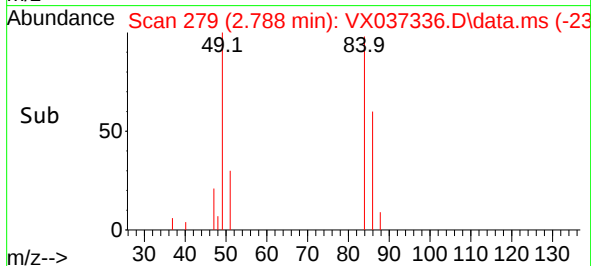
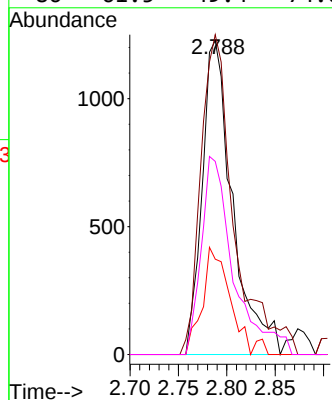
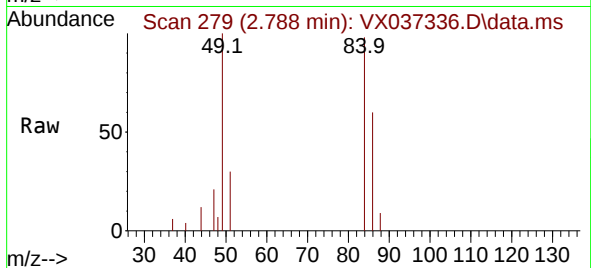
Ion Ratio Lower Upper

84 100

49 101.9 103.6 155.4#

51 30.4 33.8 50.6#

86 61.5 49.4 74.0



#25

2-Butanone

Concen: 2.102 ug/l

RT: 4.574 min Scan# 572

Delta R.T. 0.018 min

Lab File: VX037336.D

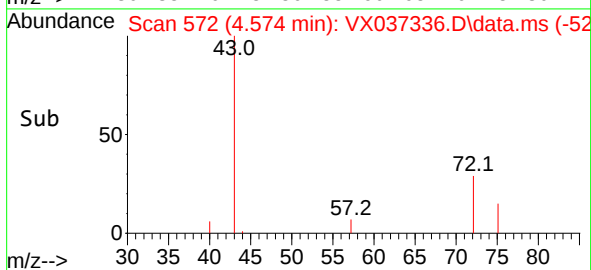
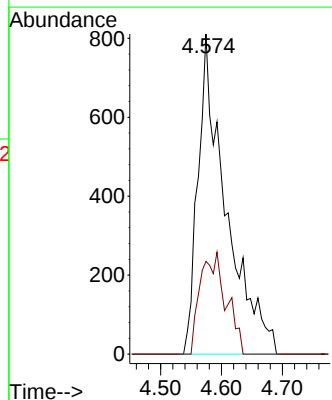
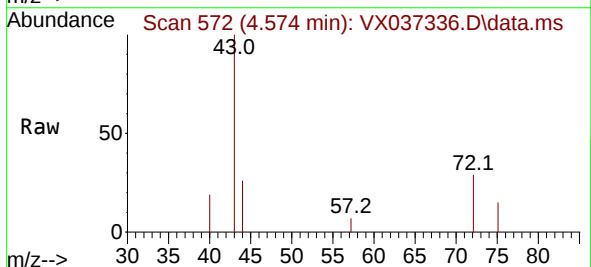
Acq: 29 Aug 2023 12:50

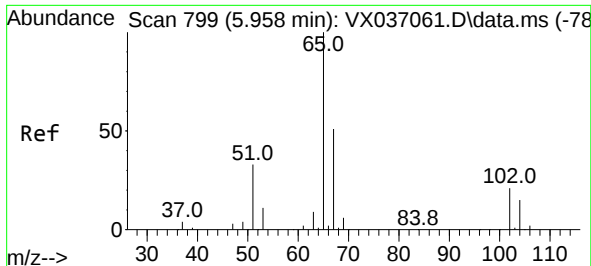
Tgt Ion: 43 Resp: 2583

Ion Ratio Lower Upper

43 100

72 29.0 19.4 29.2





#33

1,2-Dichloroethane-d4

Concen: 42.336 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX037336.D

Acq: 29 Aug 2023 12:50

Instrument :

MSVOA_X

ClientSampleId :

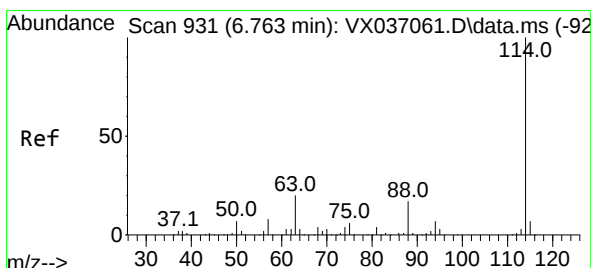
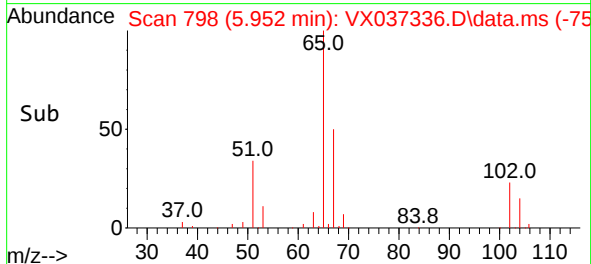
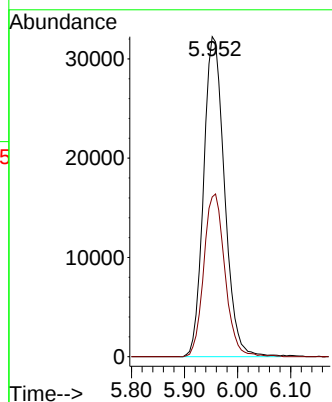
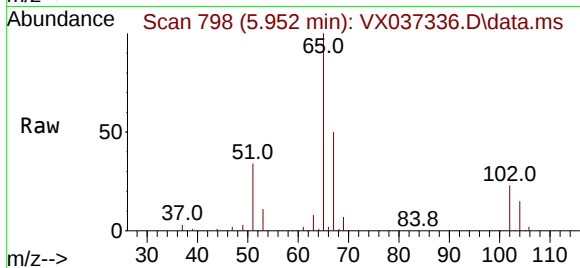
TB-01-082823

Tgt Ion: 65 Resp: 88335

Ion Ratio Lower Upper

65 100

67 51.3 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX037336.D

Acq: 29 Aug 2023 12:50

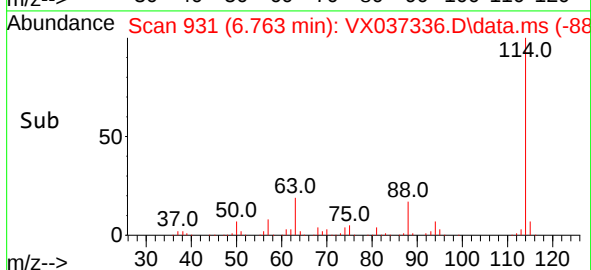
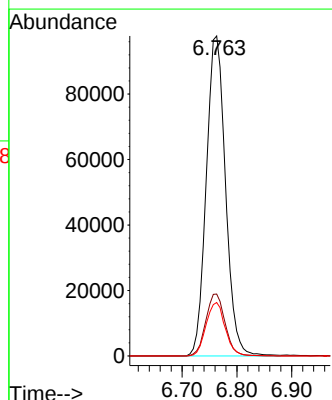
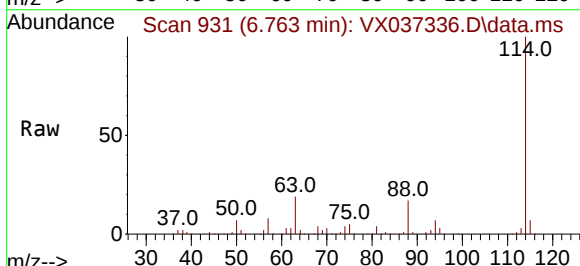
Tgt Ion: 114 Resp: 237792

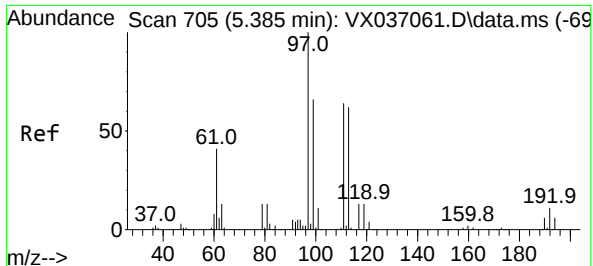
Ion Ratio Lower Upper

114 100

63 19.4 0.0 45.0

88 16.7 0.0 36.6

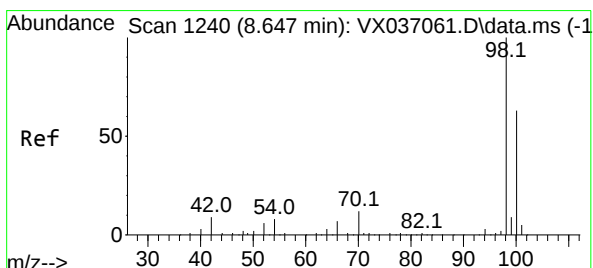
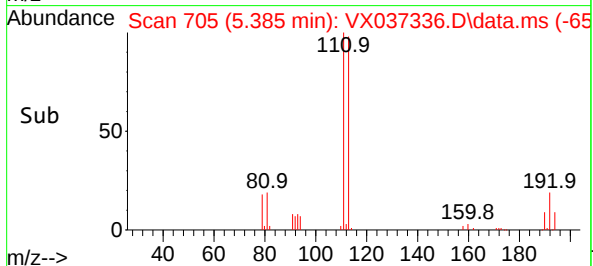
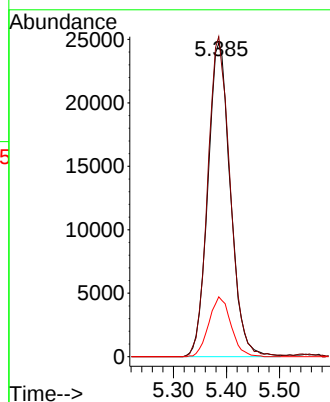
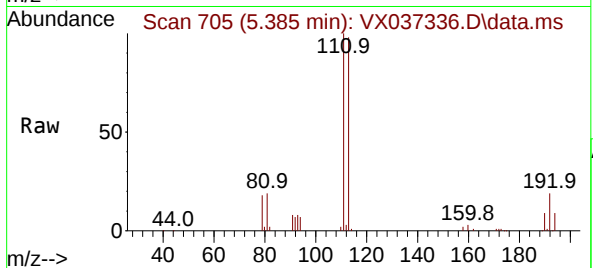




#35
 Dibromofluoromethane
 Concen: 46.287 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.000 min
 Lab File: VX037336.D
 Acq: 29 Aug 2023 12:50

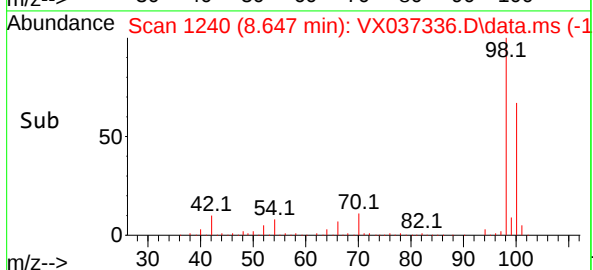
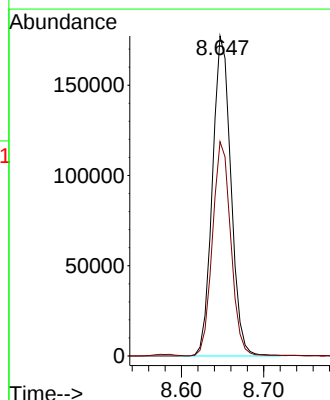
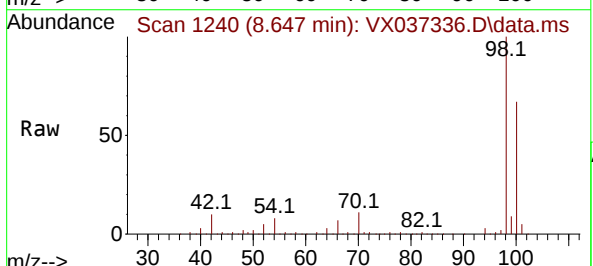
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 MSVOA_X
 ClientSampleId :
 TB-01-082823

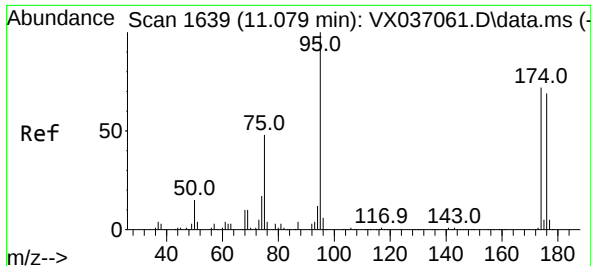
Tgt Ion:113 Resp: 72894
 Ion Ratio Lower Upper
 113 100
 111 101.4 82.9 124.3
 192 18.7 13.3 19.9



#50
 Toluene-d8
 Concen: 48.530 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. 0.000 min
 Lab File: VX037336.D
 Acq: 29 Aug 2023 12:50

Tgt Ion: 98 Resp: 277229
 Ion Ratio Lower Upper
 98 100
 100 66.4 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 44.056 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX037336.D

Acq: 29 Aug 2023 12:50

Instrument :

MSVOA_X

ClientSampleId :

TB-01-082823

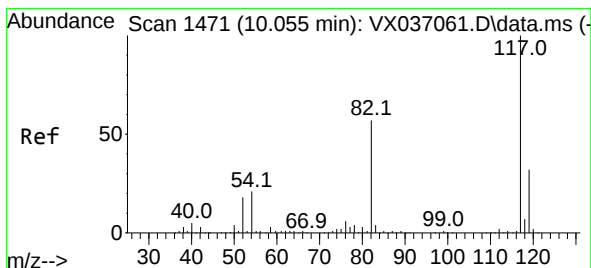
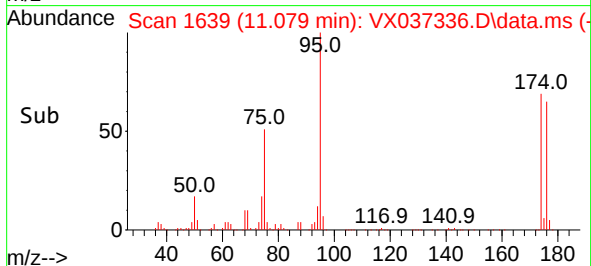
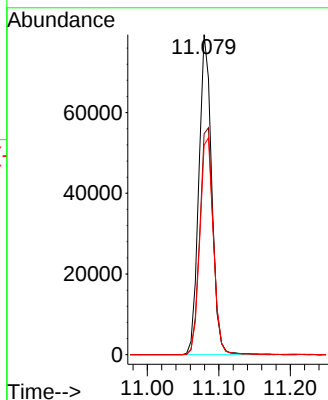
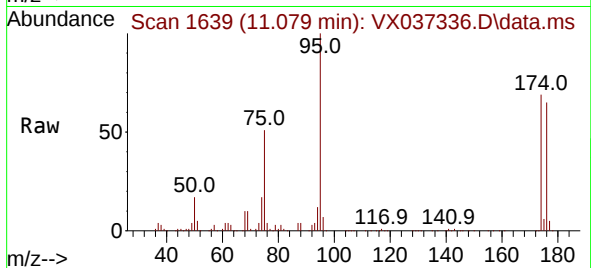
Tgt Ion: 95 Resp: 98903

Ion Ratio Lower Upper

95 100

174 74.3 0.0 135.6

176 71.3 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: VX037336.D

Acq: 29 Aug 2023 12:50

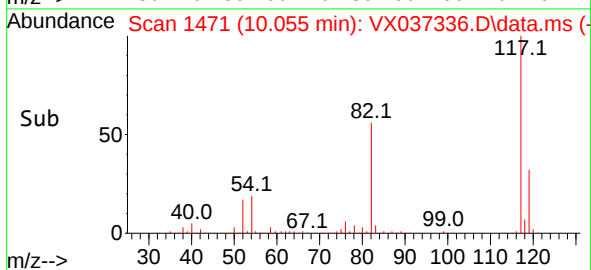
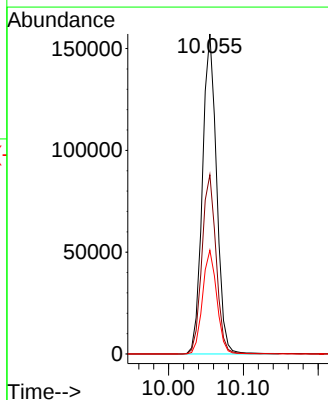
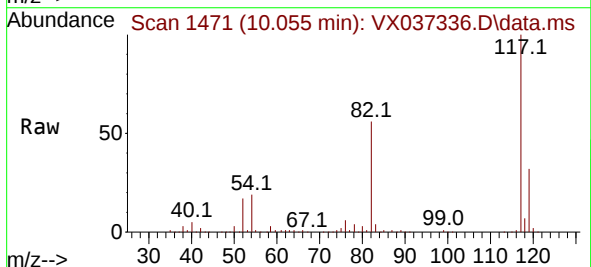
Tgt Ion: 117 Resp: 207151

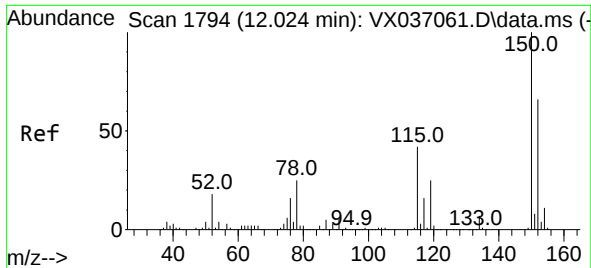
Ion Ratio Lower Upper

117 100

82 56.0 46.2 69.4

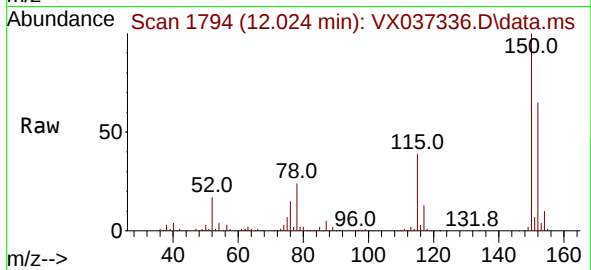
119 32.4 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX037336.D
 Acq: 29 Aug 2023 12:50

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-082823



Tgt Ion:152 Resp: 92075
 Ion Ratio Lower Upper
 152 100
 115 63.0 43.3 129.9
 150 157.2 0.0 345.0

