

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101823\
 Data File : VX038354.D
 Acq On : 18 Oct 2023 11:57
 Operator : JC/MD
 Sample : 04936-02 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1026

Quant Time: Oct 19 01:38:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

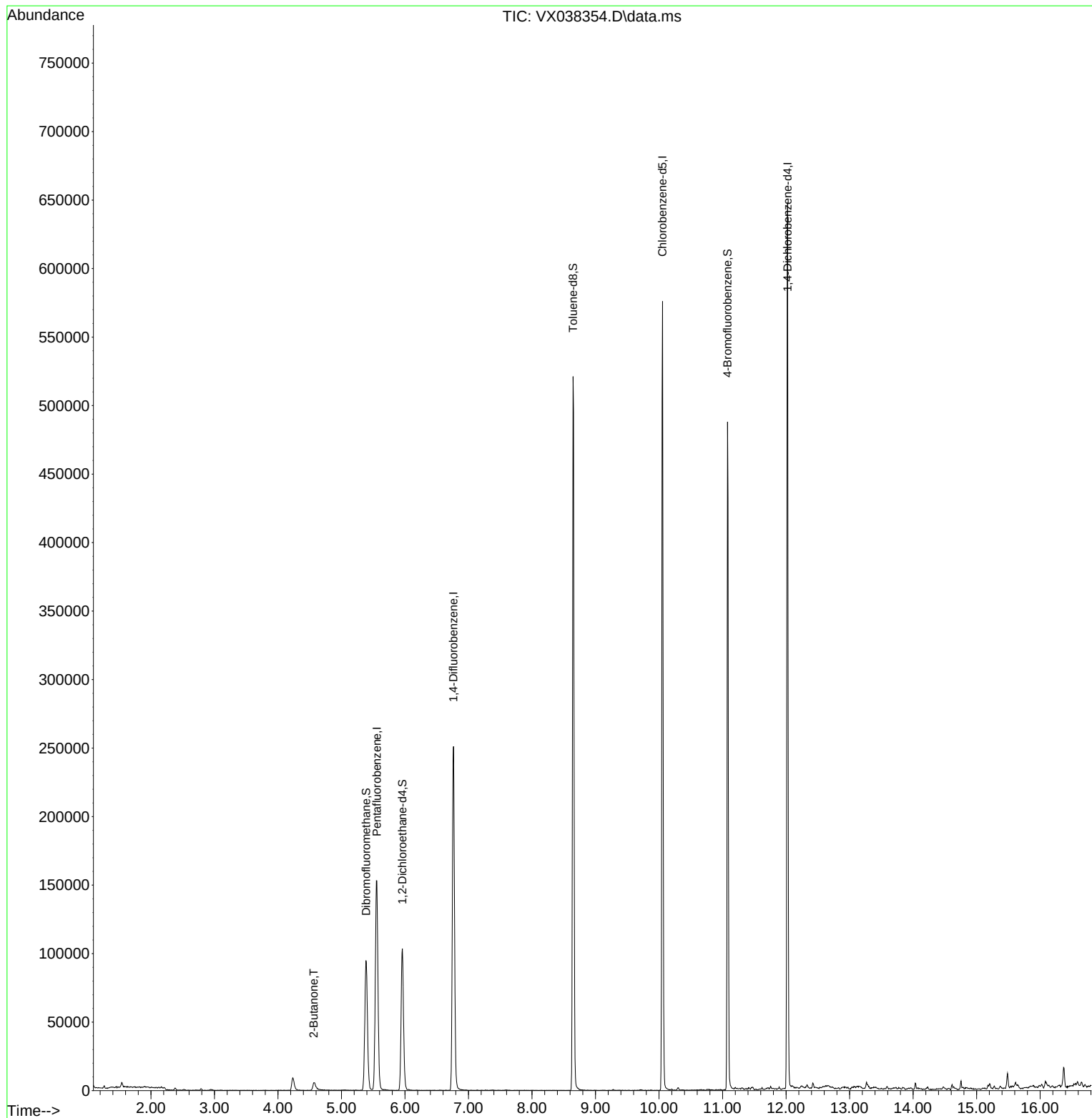
Internal Standards						
1) Pentafluorobenzene	5.556	168	145411	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	259471	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	259924	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	136198	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	101340	43.329	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.660%
35) Dibromofluoromethane	5.385	113	82311	44.025	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.040%
50) Toluene-d8	8.647	98	315694	44.188	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	88.380%#
62) 4-Bromofluorobenzene	11.079	95	123892	45.742	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.480%
Target Compounds						
					Qvalue	
25) 2-Butanone	4.562	43	7482	4.751	ug/l	# 86

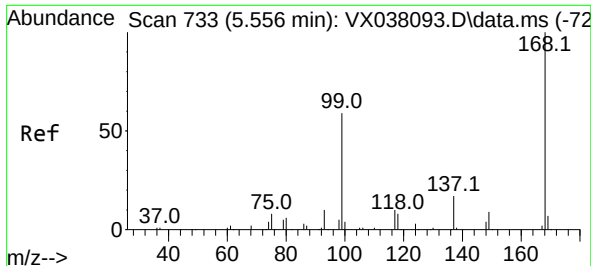
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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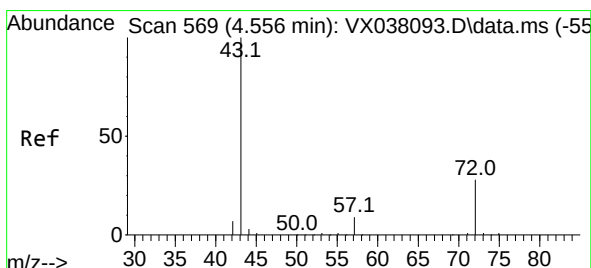
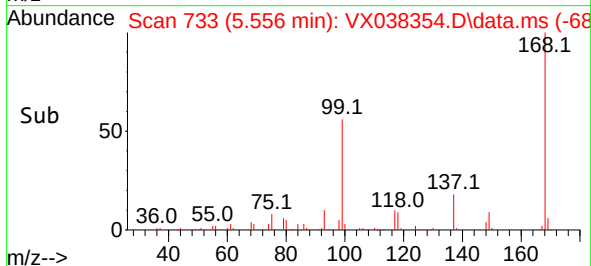
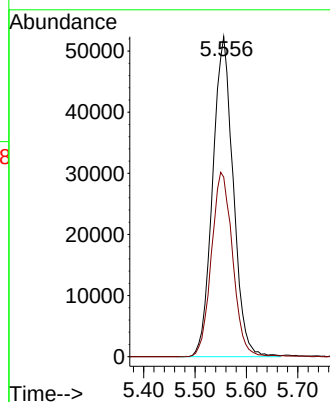
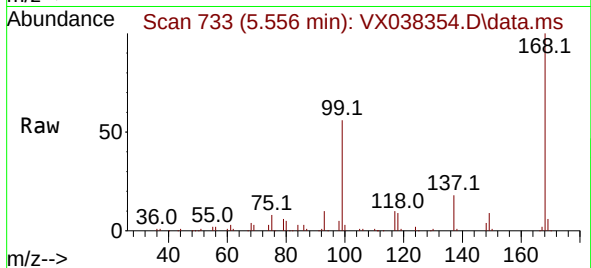




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038354.D
Acq: 18 Oct 2023 11:57

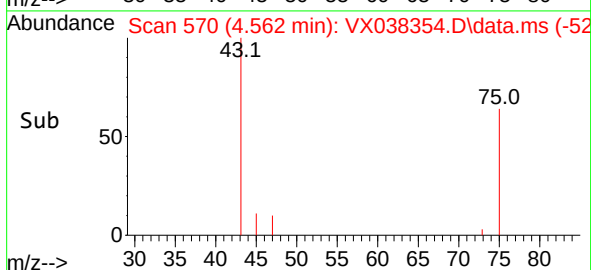
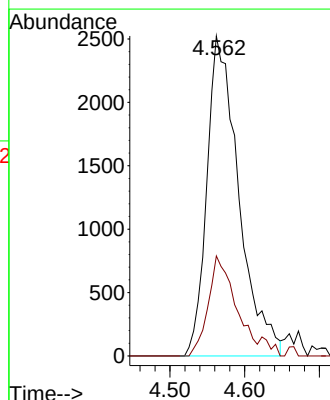
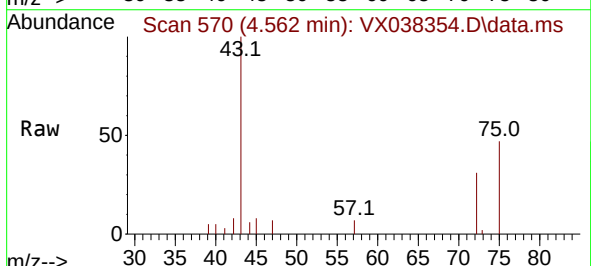
Instrument :
MSVOA_X
ClientSampleId :
1026

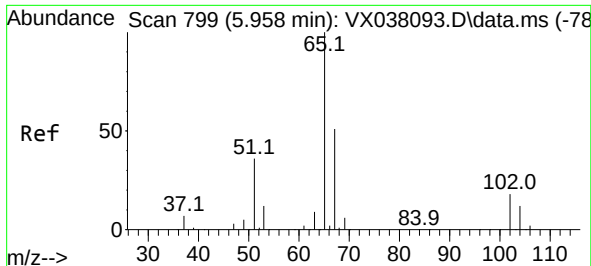
Tgt Ion:168 Resp: 145411
Ion Ratio Lower Upper
168 100
99 56.1 56.6 85.0#



#25
2-Butanone
Concen: 4.751 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.006 min
Lab File: VX038354.D
Acq: 18 Oct 2023 11:57

Tgt Ion: 43 Resp: 7482
Ion Ratio Lower Upper
43 100
72 31.2 19.4 29.2#

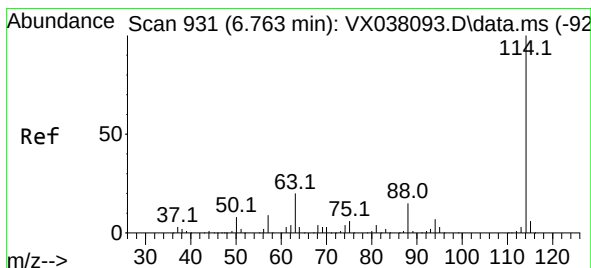
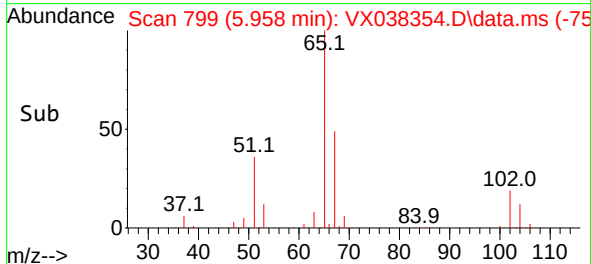
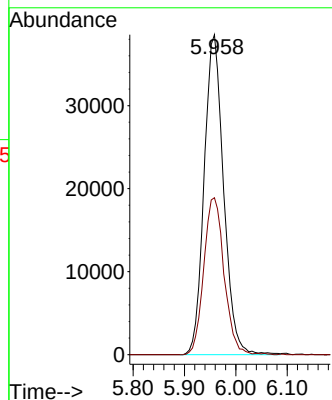
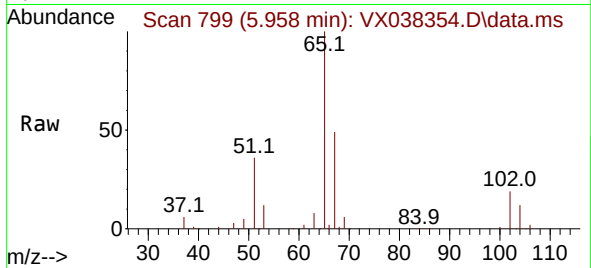




#33
1,2-Dichloroethane-d4
Concen: 43.329 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038354.D
Acq: 18 Oct 2023 11:57

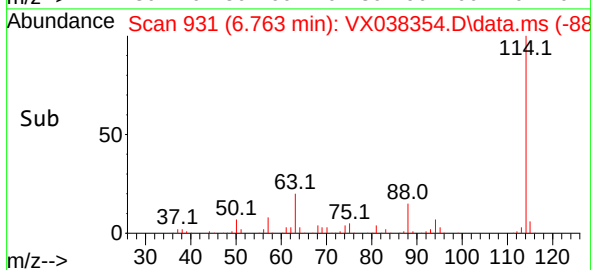
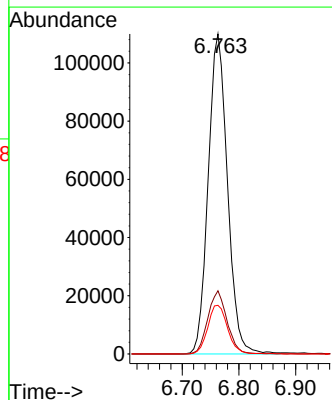
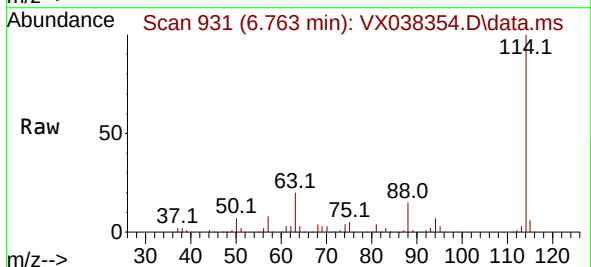
Instrument :
MSVOA_X
ClientSampleId :
1026

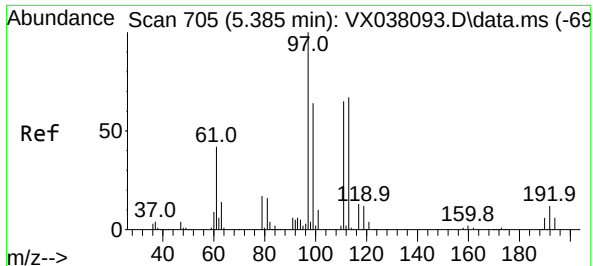
Tgt Ion: 65 Resp: 101340
Ion Ratio Lower Upper
65 100
67 51.1 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX038354.D
Acq: 18 Oct 2023 11:57

Tgt Ion:114 Resp: 259471
Ion Ratio Lower Upper
114 100
63 19.8 0.0 45.0
88 15.2 0.0 36.6





#35

Dibromofluoromethane

Concen: 44.025 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX038354.D

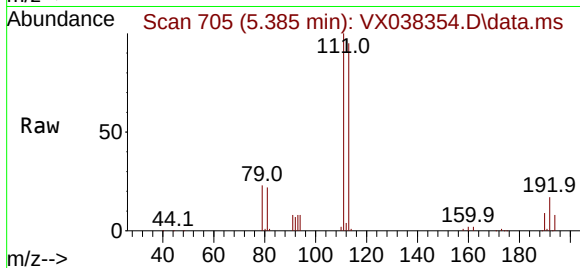
Acq: 18 Oct 2023 11:57

Instrument :

MSVOA_X

ClientSampleId :

1026



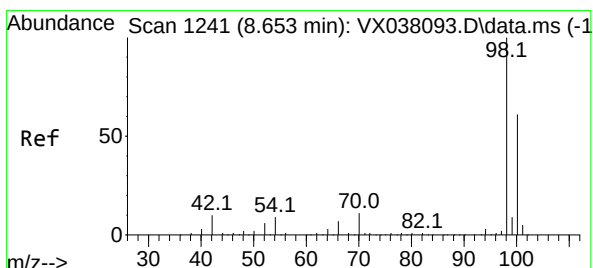
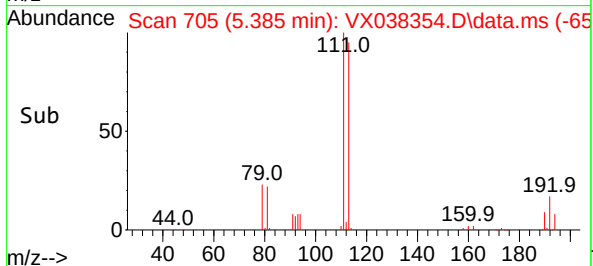
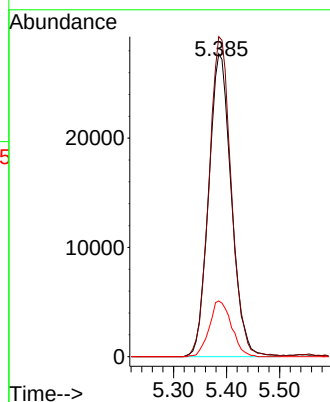
Tgt Ion:113 Resp: 82311

Ion Ratio Lower Upper

113 100

111 103.8 82.9 124.3

192 18.1 13.3 19.9



#50

Toluene-d8

Concen: 44.188 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX038354.D

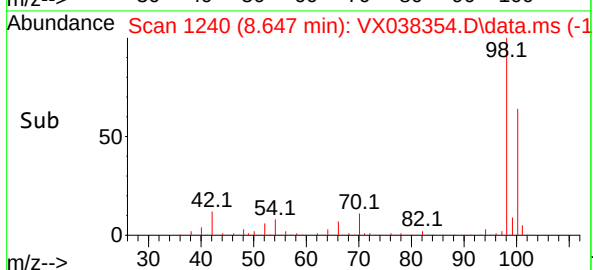
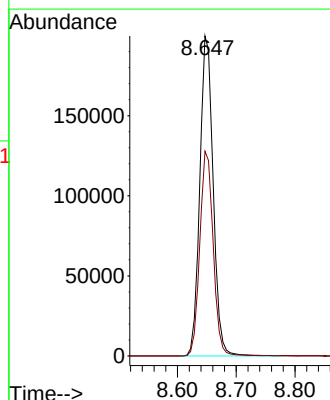
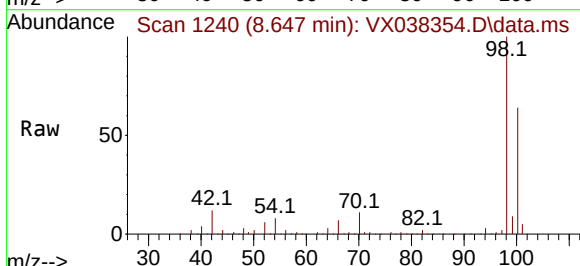
Acq: 18 Oct 2023 11:57

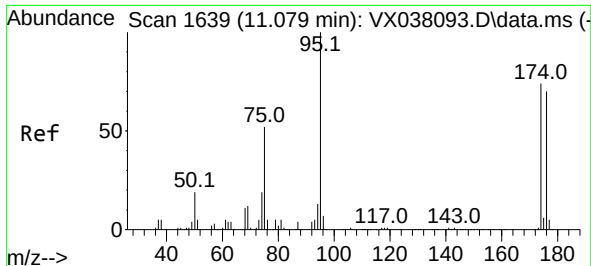
Tgt Ion: 98 Resp: 315694

Ion Ratio Lower Upper

98 100

100 64.2 53.1 79.7

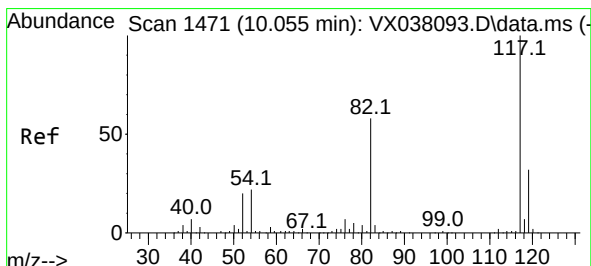
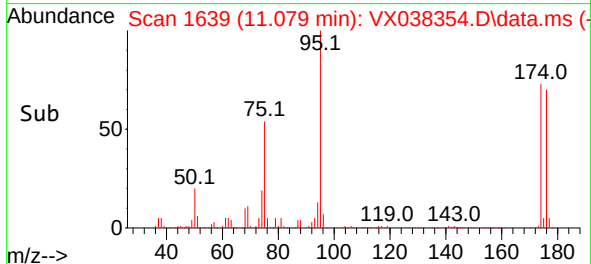
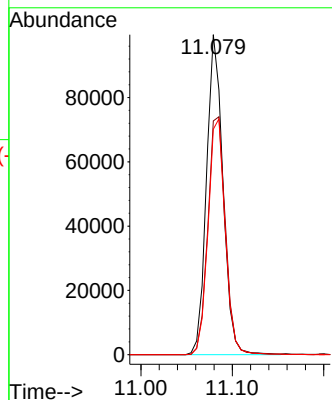
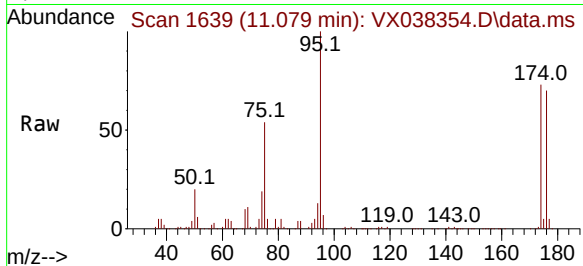




#62
4-Bromofluorobenzene
Concen: 45.742 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038354.D
Acq: 18 Oct 2023 11:57

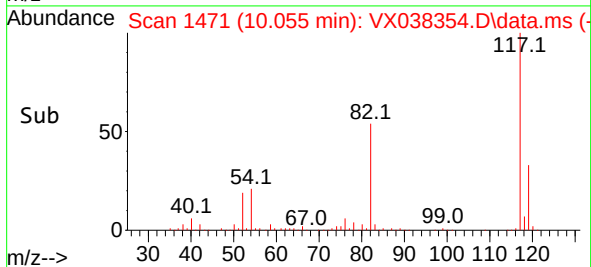
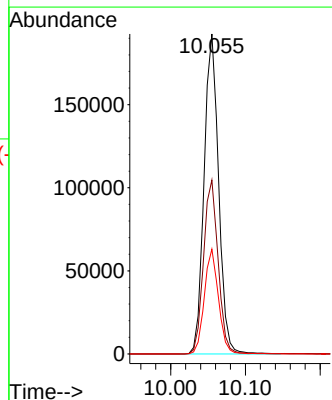
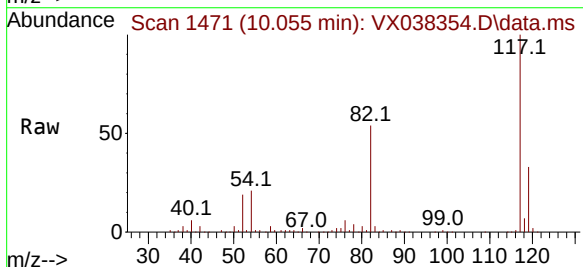
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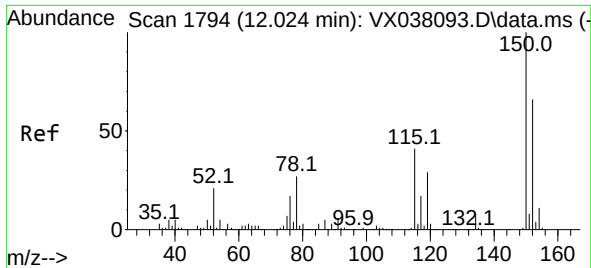
Tgt Ion: 95 Resp: 123892
Ion Ratio Lower Upper
95 100
174 79.8 0.0 135.6
176 77.2 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038354.D
Acq: 18 Oct 2023 11:57

Tgt Ion: 117 Resp: 259924
Ion Ratio Lower Upper
117 100
82 54.3 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: VX038354.D

Acq: 18 Oct 2023 11:57

Instrument :

MSVOA_X

ClientSampleId :

1026

Tgt Ion:152 Resp: 136198

Ion Ratio Lower Upper

152 100

115 59.8 43.3 129.9

150 156.0 0.0 345.0

