

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX063023\
 Data File : VX036386.D
 Acq On : 30 Jun 2023 11:52
 Operator : JC/MD
 Sample : 03491-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-062923

Quant Time: Jul 01 01:19:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 15:03:28 2023
 Response via : Initial Calibration

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

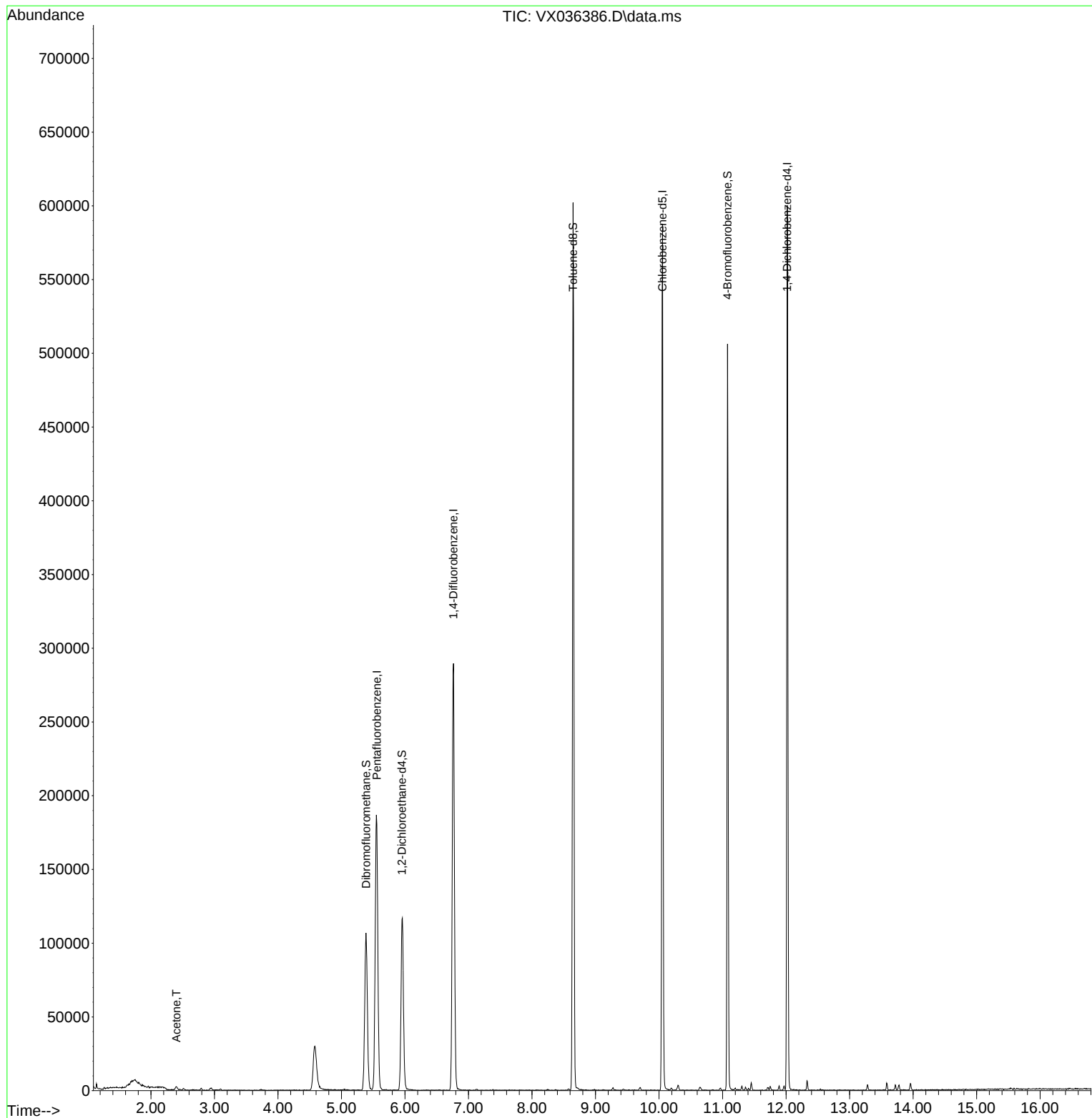
Internal Standards						
1) Pentafluorobenzene	5.556	168	179155	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	300160	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	265251	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	122265	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	112103	43.653	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.300%
35) Dibromofluoromethane	5.385	113	93687	47.336	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.680%
50) Toluene-d8	8.647	98	352781	47.723	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.440%
62) 4-Bromofluorobenzene	11.079	95	126557	48.605	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.220%
Target Compounds						
16) Acetone	2.398	43	3491	3.180	ug/l	Qvalue 98

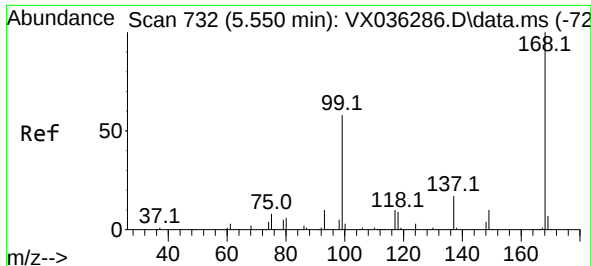
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 23 15:03:28 2023
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX036386.D
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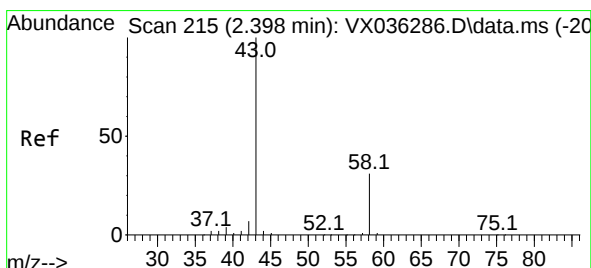
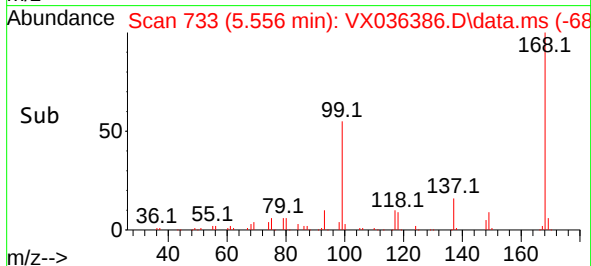
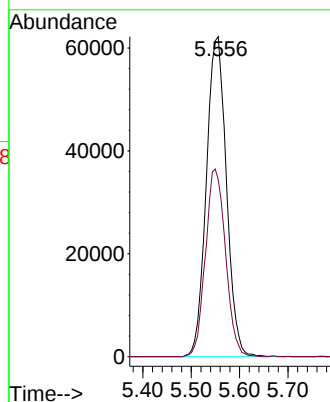
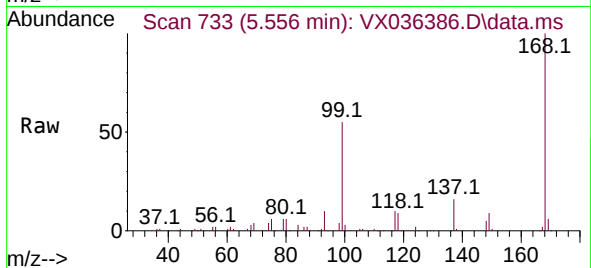
Instrument :

MSVOA_X

ClientSampleId :

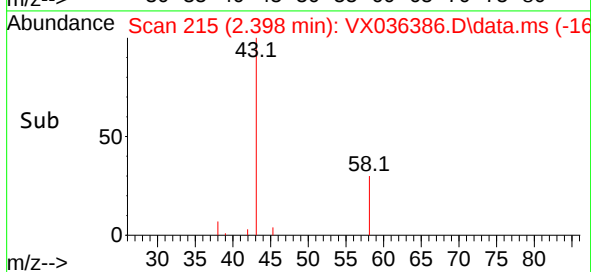
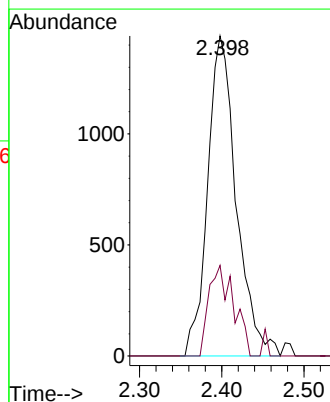
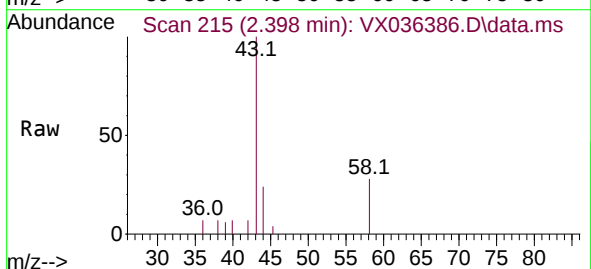
TB-01-062923

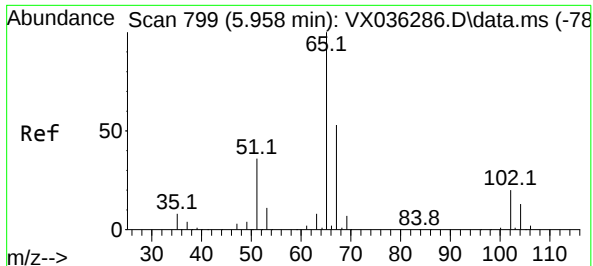
Tgt Ion:168 Resp: 179155
Ion Ratio Lower Upper
168 100
99 55.3 56.6 85.0#



#16
Acetone
Concen: 3.180 ug/l
RT: 2.398 min Scan# 215
Delta R.T. -0.006 min
Lab File: VX036386.D
Acq: 30 Jun 2023 11:52

Tgt Ion: 43 Resp: 3491
Ion Ratio Lower Upper
43 100
58 28.3 21.9 32.9





#33

1,2-Dichloroethane-d4

Concen: 43.653 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX036386.D

Acq: 30 Jun 2023 11:52

Instrument :

MSVOA_X

ClientSampleId :

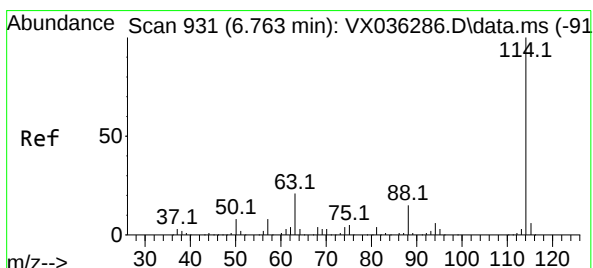
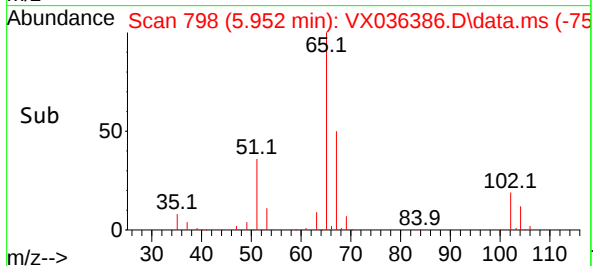
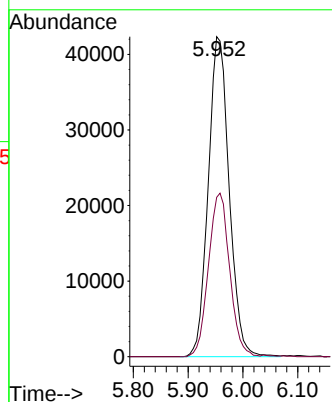
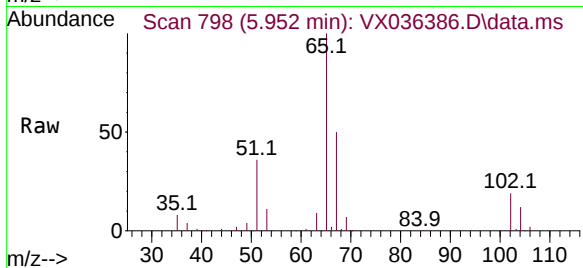
TB-01-062923

Tgt Ion: 65 Resp: 112103

Ion Ratio Lower Upper

65 100

67 51.7 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: VX036386.D

Acq: 30 Jun 2023 11:52

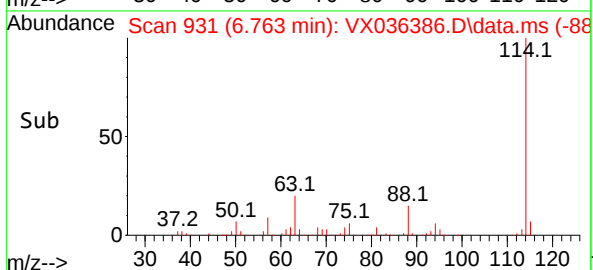
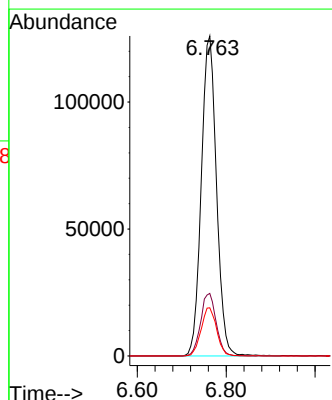
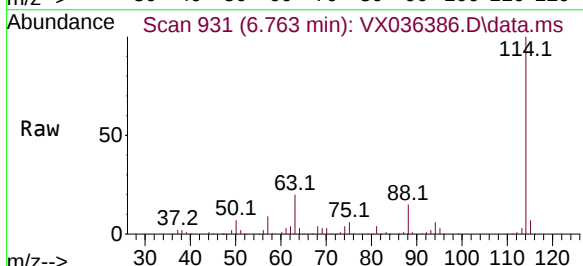
Tgt Ion: 114 Resp: 300160

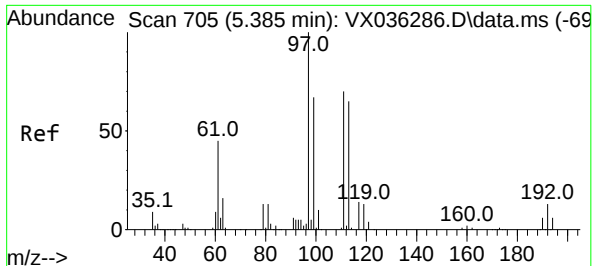
Ion Ratio Lower Upper

114 100

63 19.6 0.0 45.0

88 15.0 0.0 36.6





#35

Dibromofluoromethane

Concen: 47.336 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX036386.D

Acq: 30 Jun 2023 11:52

Instrument :

MSVOA_X

ClientSampleId :

TB-01-062923

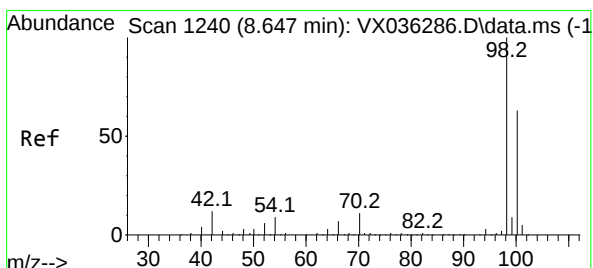
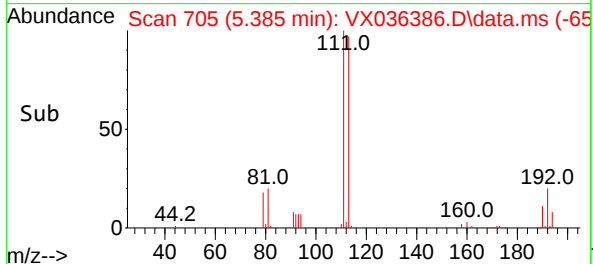
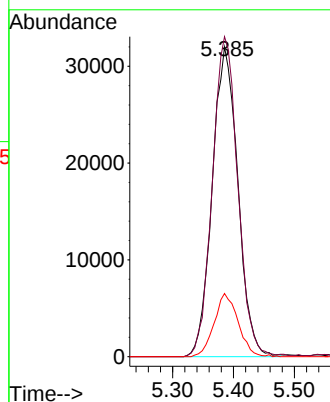
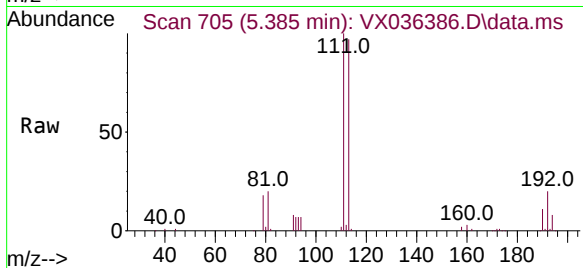
Tgt Ion:113 Resp: 93687

Ion Ratio Lower Upper

113 100

111 102.2 82.9 124.3

192 19.1 13.3 19.9



#50

Toluene-d8

Concen: 47.723 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.001 min

Lab File: VX036386.D

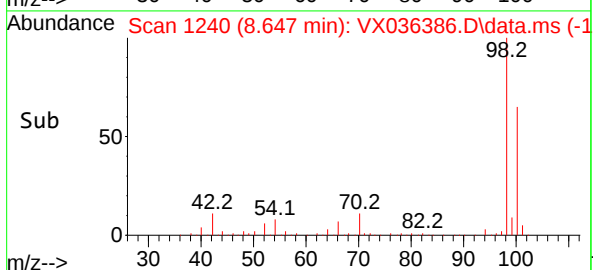
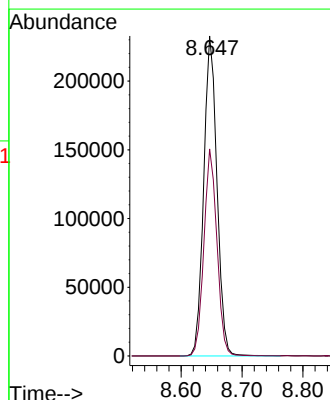
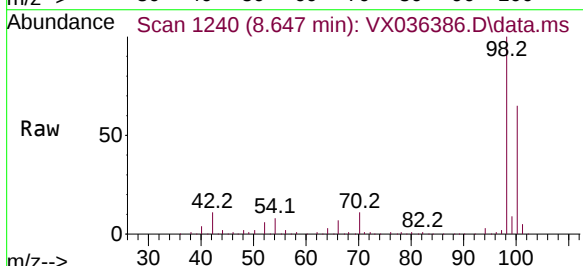
Acq: 30 Jun 2023 11:52

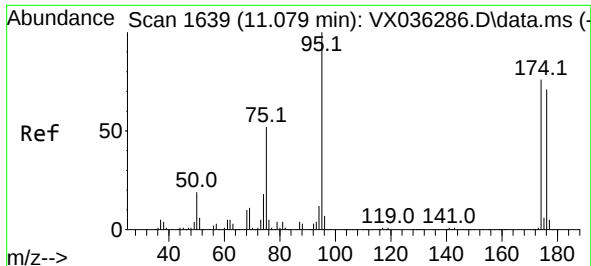
Tgt Ion: 98 Resp: 352781

Ion Ratio Lower Upper

98 100

100 63.5 53.1 79.7

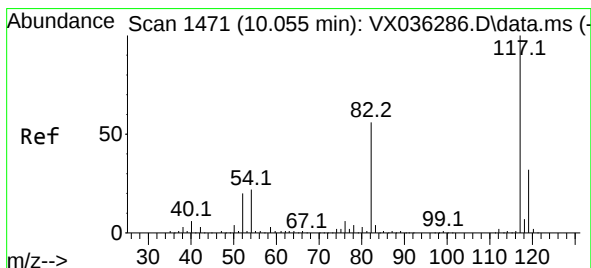
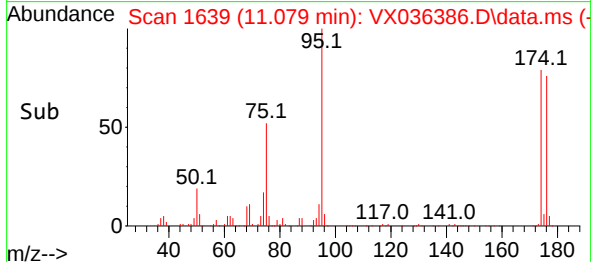
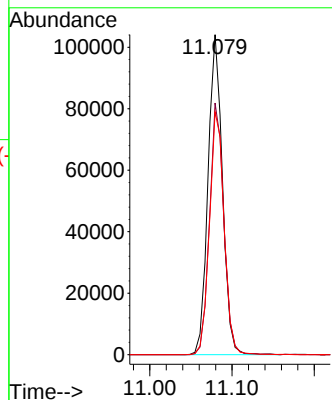
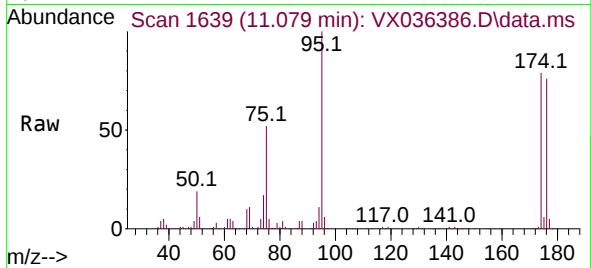




#62
4-Bromofluorobenzene
Concen: 48.605 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036386.D
Acq: 30 Jun 2023 11:52

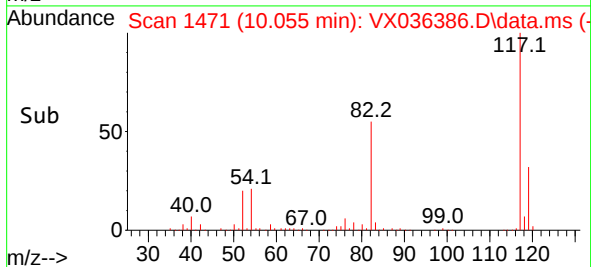
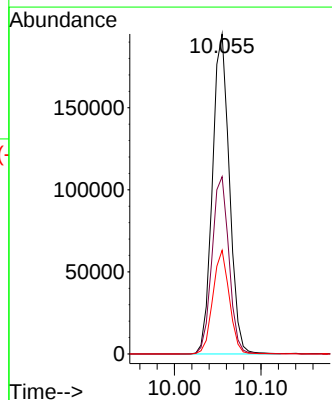
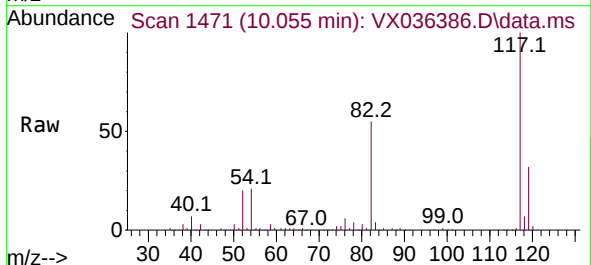
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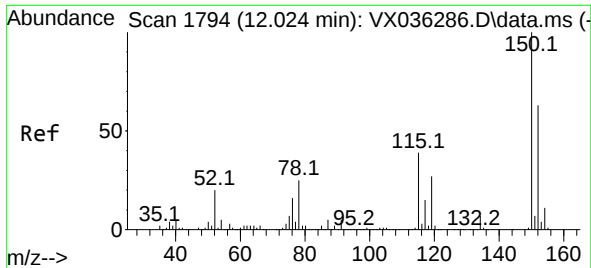
Tgt Ion: 95 Resp: 126557
Ion Ratio Lower Upper
95 100
174 78.0 0.0 135.6
176 77.2 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036386.D
Acq: 30 Jun 2023 11:52

Tgt Ion: 117 Resp: 265251
Ion Ratio Lower Upper
117 100
82 55.4 46.2 69.4
119 32.4 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX036386.D

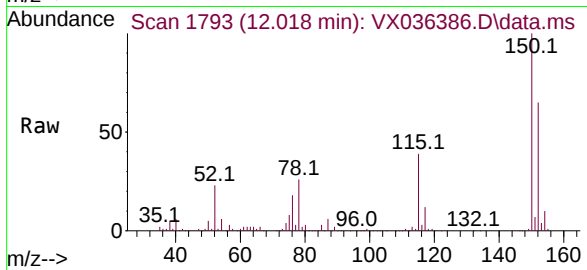
Acq: 30 Jun 2023 11:52

Instrument :

MSVOA_X

ClientSampleId :

TB-01-062923



Tgt Ion:152 Resp: 122265

Ion Ratio Lower Upper

152 100

115 59.3 43.3 129.9

150 156.1 0.0 345.0

