

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112023\
 Data File : VX038954.D
 Acq On : 20 Nov 2023 13:33
 Operator : JC/MD
 Sample : 05404-31DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D2-20231110DL

Quant Time: Nov 21 00:19:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

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

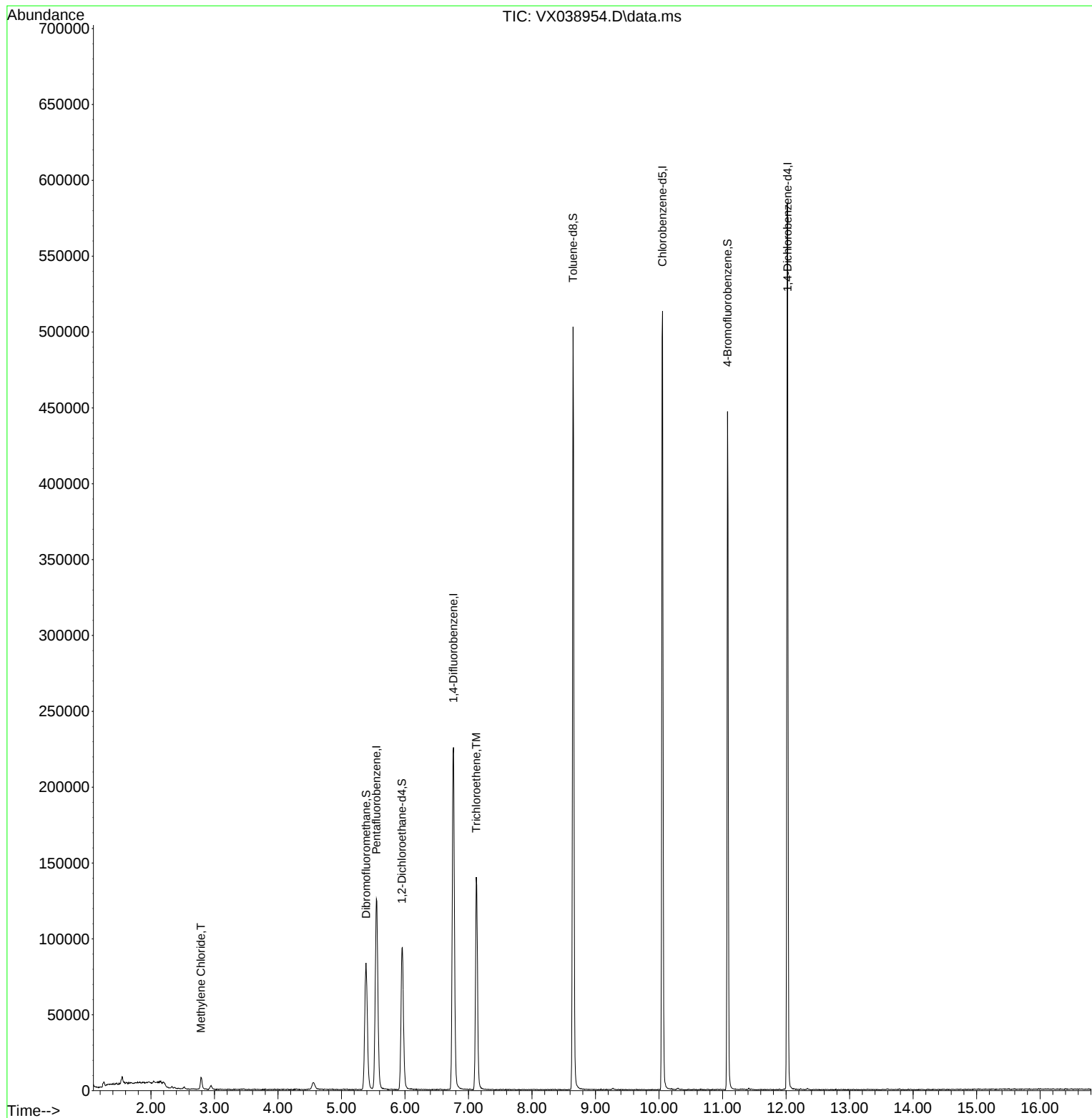
Internal Standards						
1) Pentafluorobenzene	5.549	168	112533	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	228809	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	236494	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	118204	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	89333	49.266	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.540%		
35) Dibromofluoromethane	5.385	113	73627	44.555	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.100%		
50) Toluene-d8	8.646	98	289260	45.750	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	91.500%#		
62) 4-Bromofluorobenzene	11.079	95	126382	49.934	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.860%		
Target Compounds						
20) Methylene Chloride	2.788	84	3653	2.099	ug/l	90
44) Trichloroethene	7.122	130	51326	30.101	ug/l	92

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

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#1
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.549 min Scan# 71

Delta R.T. -0.001 min

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ClientSampleId :

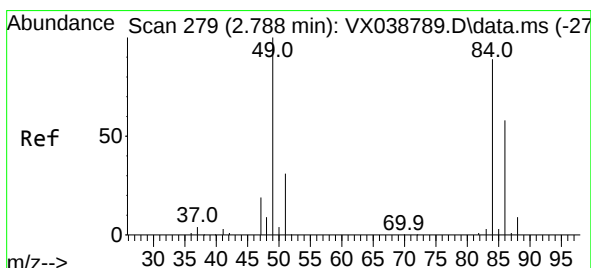
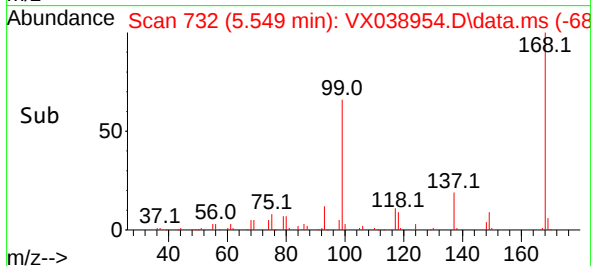
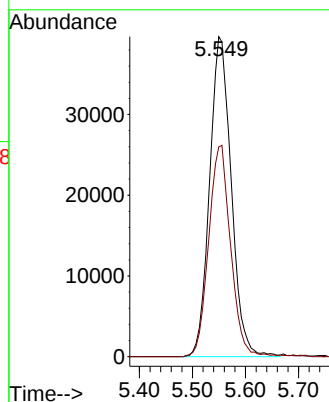
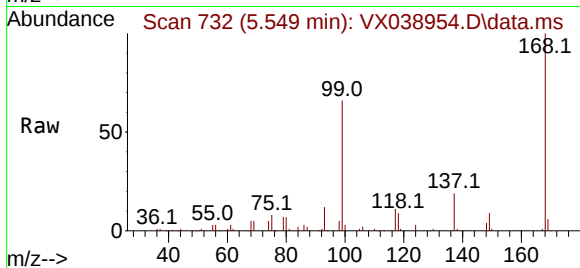
RE103D2-20231110DL

Tgt Ion:168 Resp: 112533

Ion Ratio Lower Upper

168 100

99 65.5 56.6 85.0



#20

Methylene Chloride

Concen: 2.099 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX038954.D

Acq: 20 Nov 2023 13:33

Tgt Ion: 84 Resp: 3653

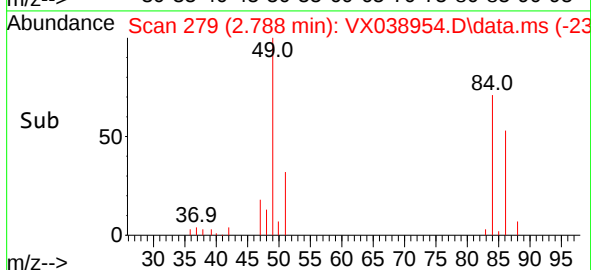
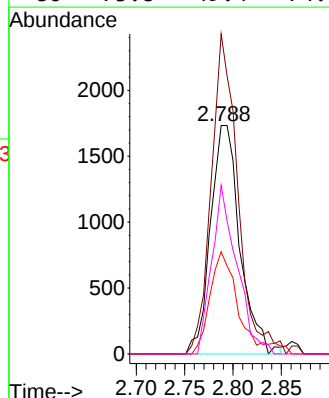
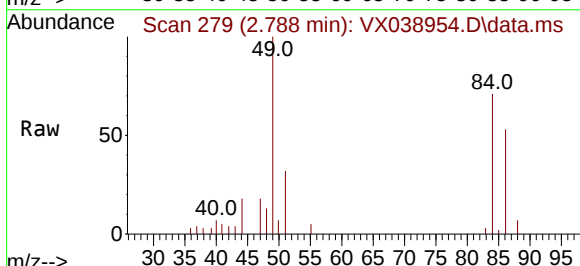
Ion Ratio Lower Upper

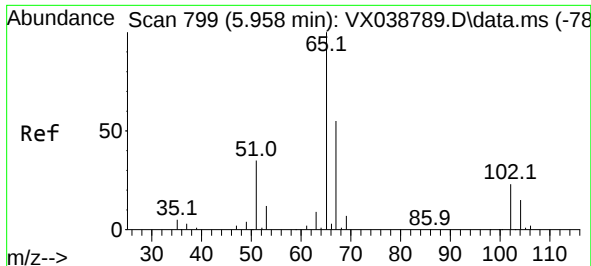
84 100

49 140.0 103.6 155.4

51 44.8 33.8 50.6

86 73.8 49.4 74.0





#33

1,2-Dichloroethane-d4

Concen: 49.266 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX038954.D

Acq: 20 Nov 2023 13:33

Instrument :

MSVOA_X

ClientSampleId :

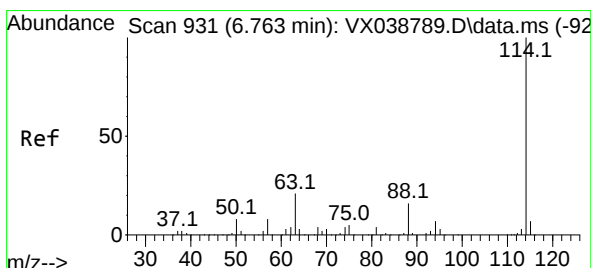
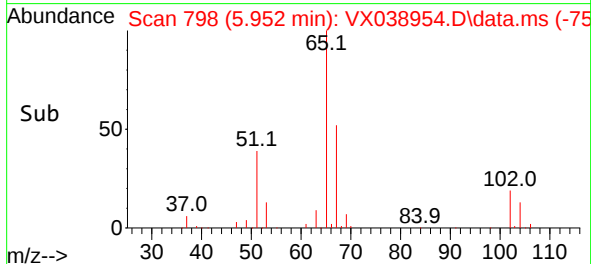
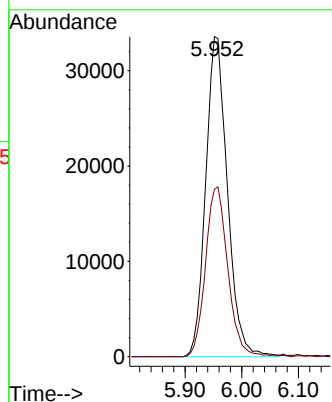
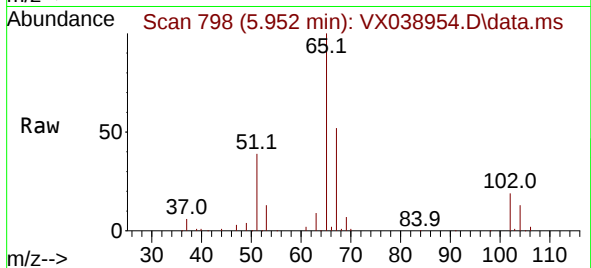
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Tgt Ion: 65 Resp: 89333

Ion Ratio Lower Upper

65 100

67 54.6 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: VX038954.D

Acq: 20 Nov 2023 13:33

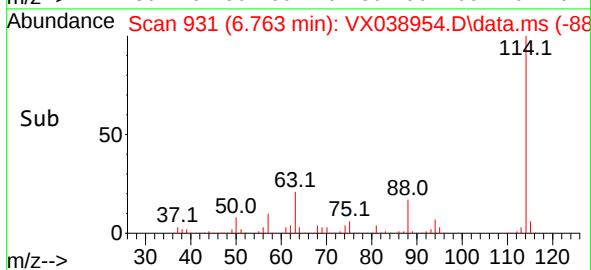
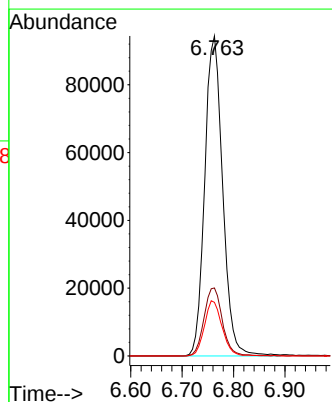
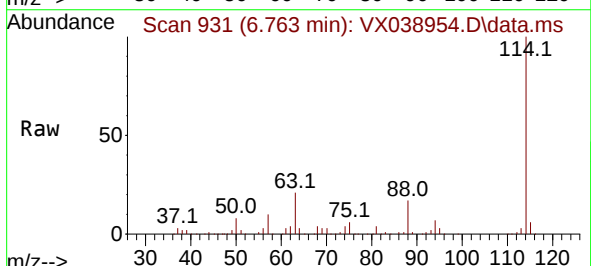
Tgt Ion: 114 Resp: 228809

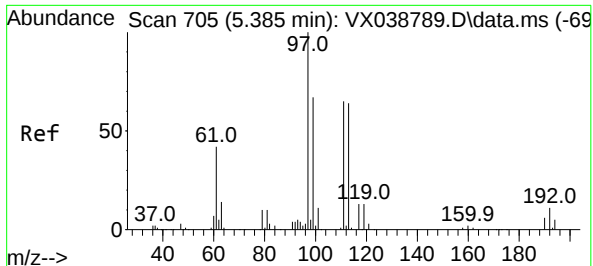
Ion Ratio Lower Upper

114 100

63 21.3 0.0 45.0

88 16.7 0.0 36.6





#35

Dibromofluoromethane

Concen: 44.555 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX038954.D

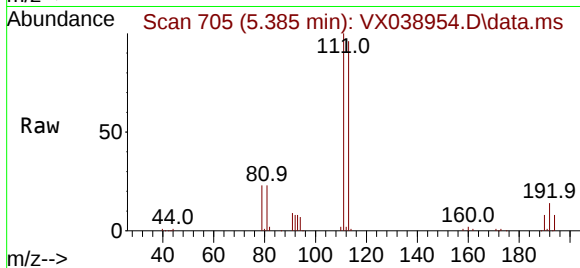
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Instrument :

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ClientSampleId :

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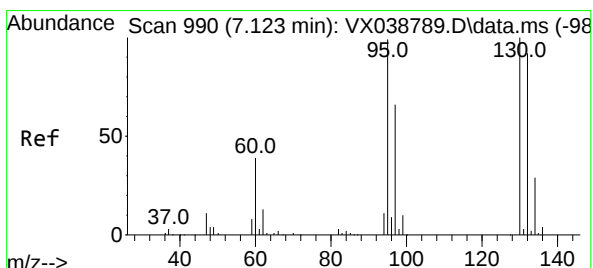
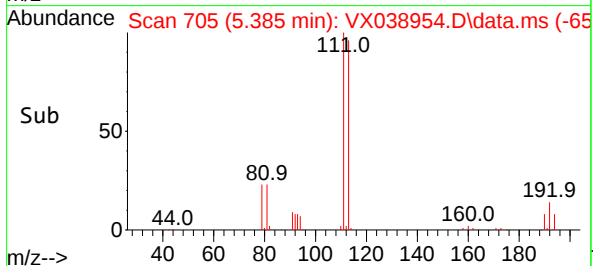
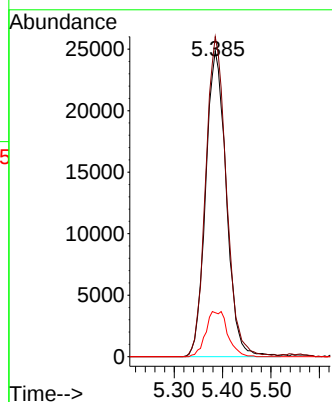
Tgt Ion:113 Resp: 73627

Ion Ratio Lower Upper

113 100

111 104.8 82.9 124.3

192 15.7 13.3 19.9



#44

Trichloroethene

Concen: 30.101 ug/l

RT: 7.122 min Scan# 990

Delta R.T. -0.000 min

Lab File: VX038954.D

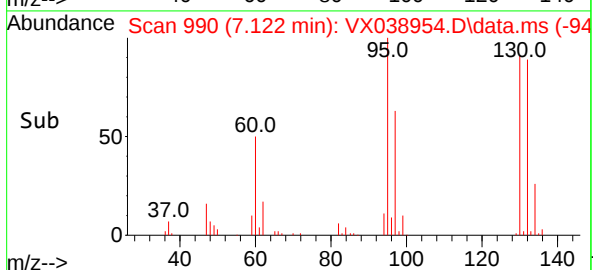
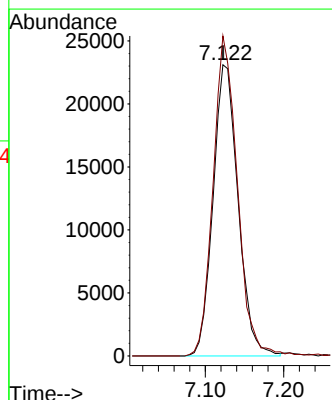
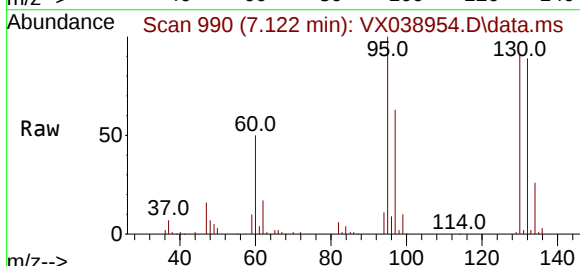
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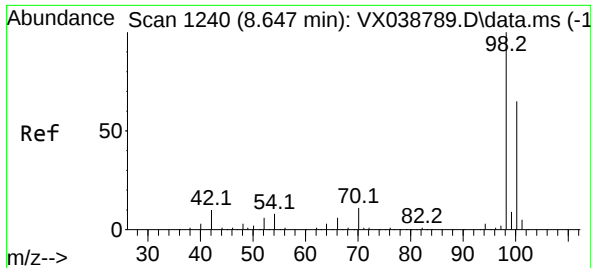
Tgt Ion:130 Resp: 51326

Ion Ratio Lower Upper

130 100

95 109.9 0.0 204.4

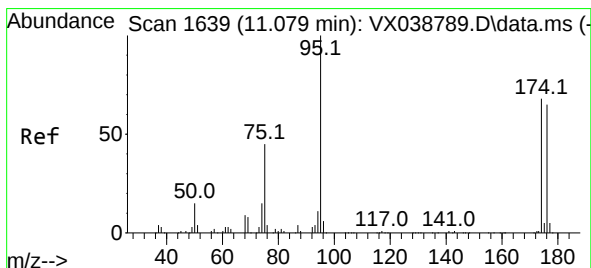
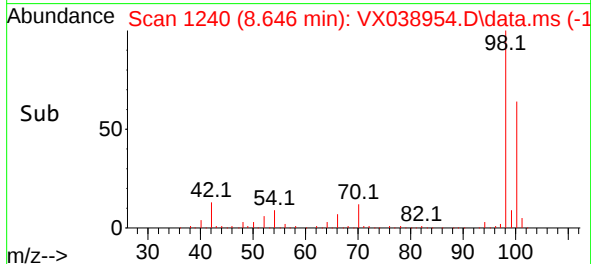
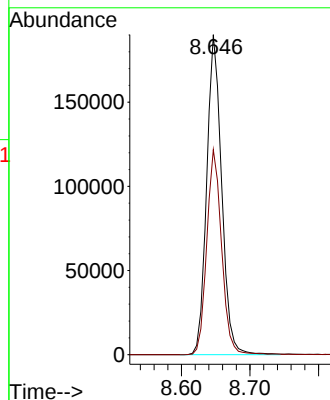
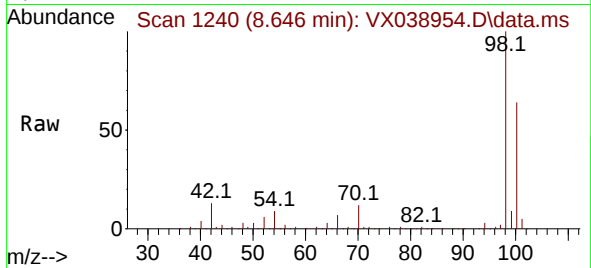




#50
Toluene-d8
Concen: 45.750 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038954.D
Acq: 20 Nov 2023 13:33

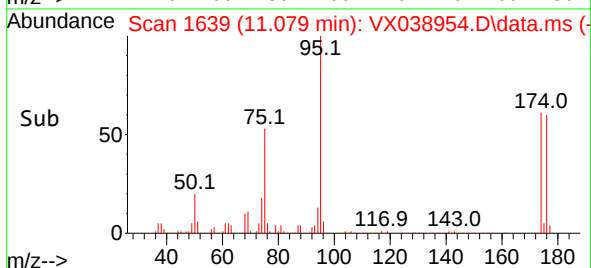
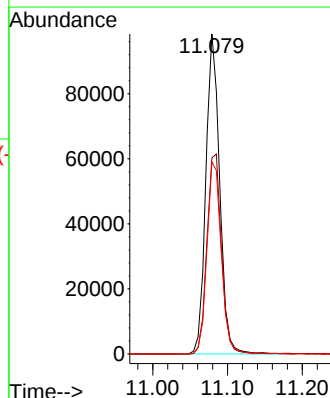
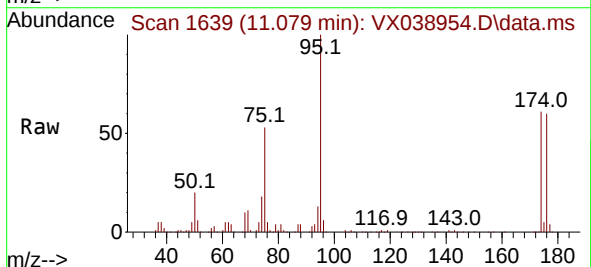
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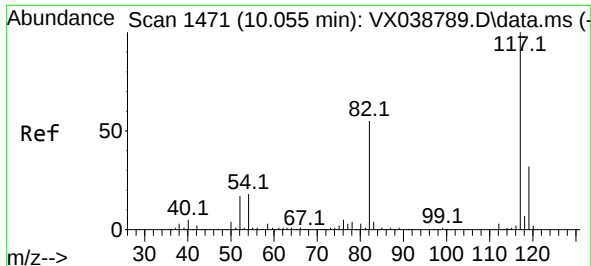
Tgt Ion: 98 Resp: 289260
Ion Ratio Lower Upper
98 100
100 63.7 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 49.934 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX038954.D
Acq: 20 Nov 2023 13:33

Tgt Ion: 95 Resp: 126382
Ion Ratio Lower Upper
95 100
174 65.9 0.0 135.6
176 62.3 0.0 131.0

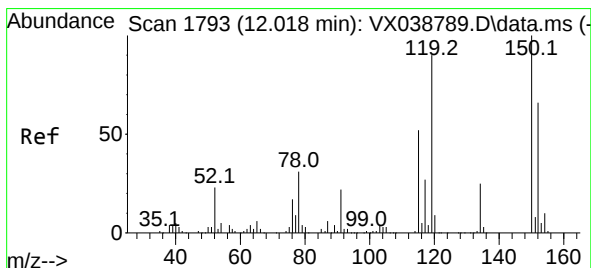
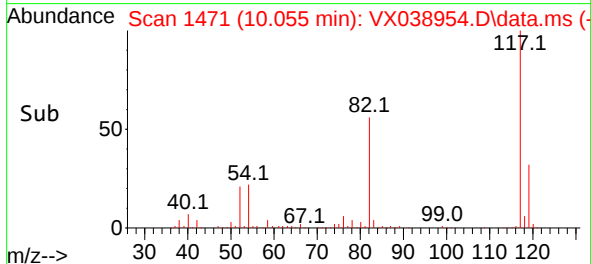
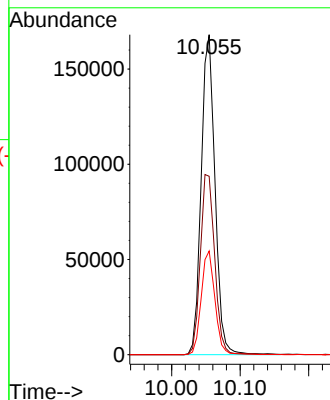
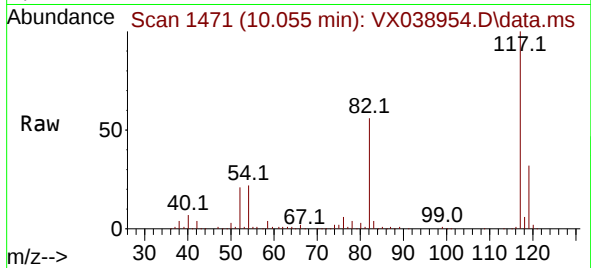




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038954.D
Acq: 20 Nov 2023 13:33

Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20231110DL

Tgt Ion:117 Resp: 236494
Ion Ratio Lower Upper
117 100
82 55.7 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# 1794
Delta R.T. 0.006 min
Lab File: VX038954.D
Acq: 20 Nov 2023 13:33

Tgt Ion:152 Resp: 118204
Ion Ratio Lower Upper
152 100
115 65.7 43.3 129.9
150 155.8 0.0 345.0

