

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111823\
 Data File : VX038935.D
 Acq On : 18 Nov 2023 17:51
 Operator : JC/MD
 Sample : 05404-07 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP06-20231109

Quant Time: Nov 20 04:38:10 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)

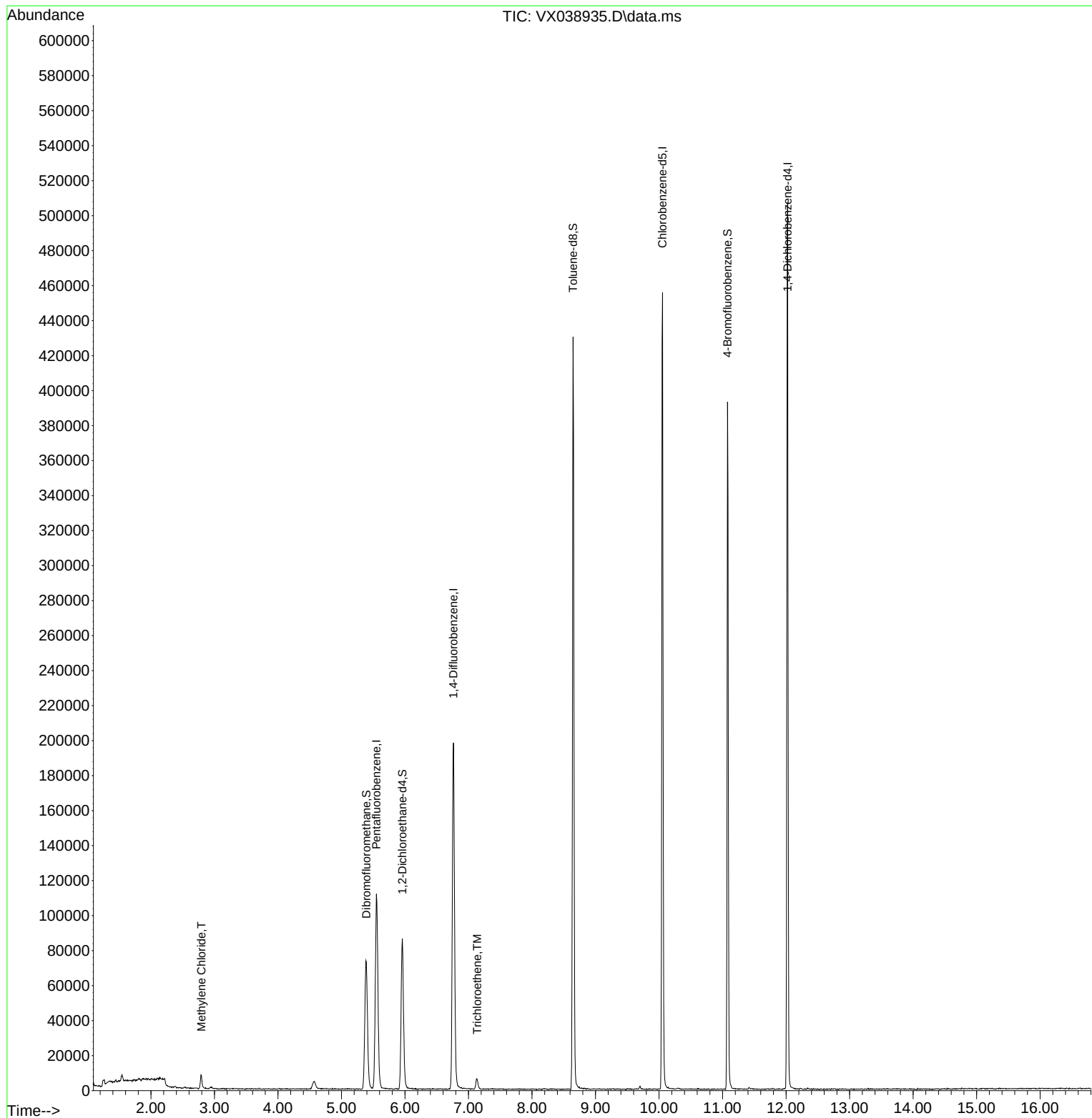
Internal Standards						
1) Pentafluorobenzene	5.550	168	98806	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	200513	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	204040	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	101673	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	80569	50.605	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.220%			
35) Dibromofluoromethane	5.391	113	65418	45.173	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 90.340%			
50) Toluene-d8	8.647	98	253236	45.705	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 91.400%#			
62) 4-Bromofluorobenzene	11.079	95	108697	49.007	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.020%			
Target Compounds						
20) Methylene Chloride	2.794	84	3405	2.229	ug/l	93
44) Trichloroethene	7.135	130	2566	1.717	ug/l	95

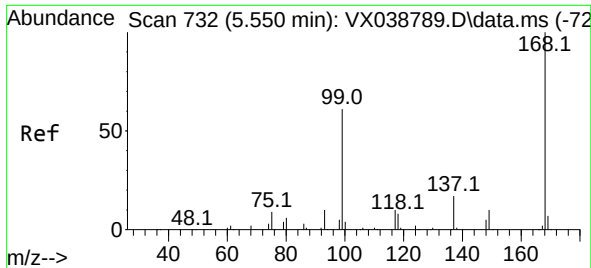
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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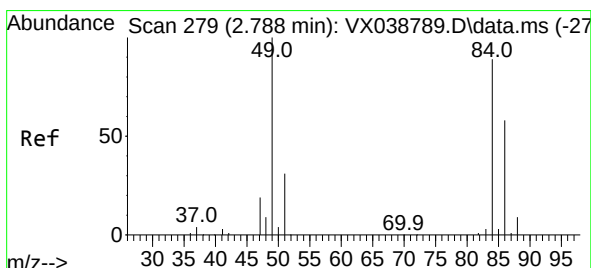
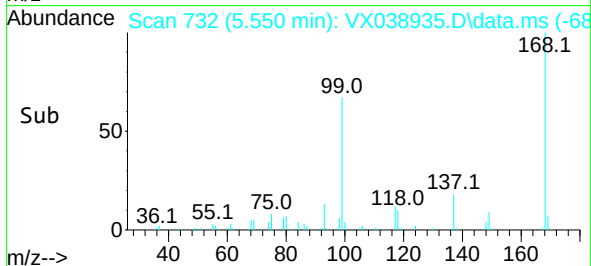
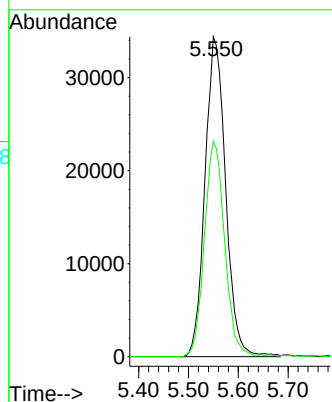
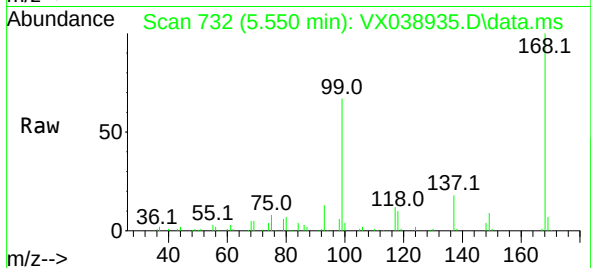




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038935.D
Acq: 18 Nov 2023 17:51

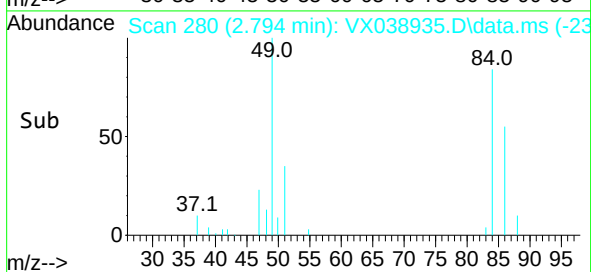
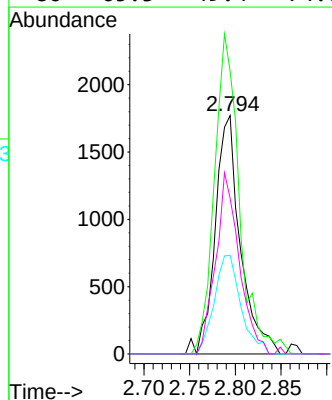
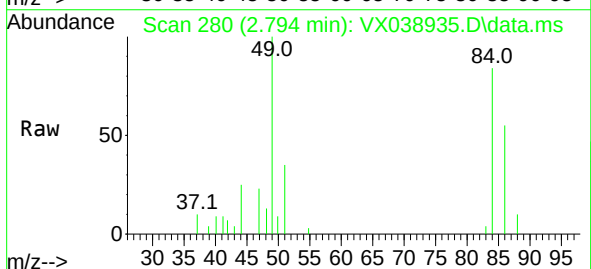
Instrument :
MSVOA_X
ClientSampleId :
DUP06-20231109

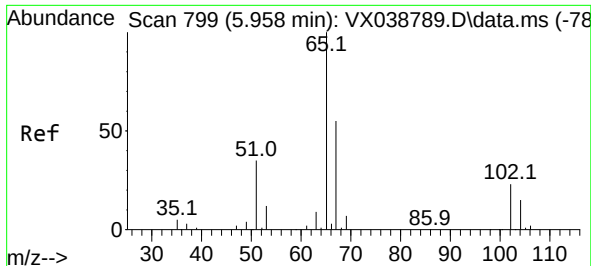
Tgt Ion:168 Resp: 98806
Ion Ratio Lower Upper
168 100
99 67.3 56.6 85.0



#20
Methylene Chloride
Concen: 2.229 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX038935.D
Acq: 18 Nov 2023 17:51

Tgt Ion: 84 Resp: 3405
Ion Ratio Lower Upper
84 100
49 118.6 103.6 155.4
51 41.4 33.8 50.6
86 65.3 49.4 74.0





#33

1,2-Dichloroethane-d4

Concen: 50.605 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038935.D

Acq: 18 Nov 2023 17:51

Instrument :

MSVOA_X

ClientSampleId :

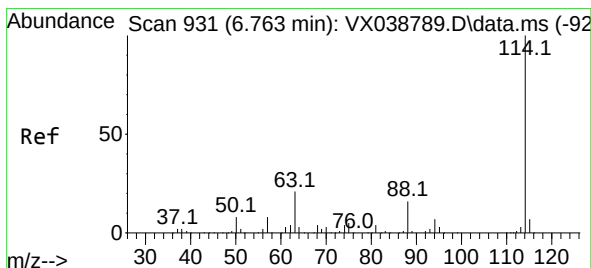
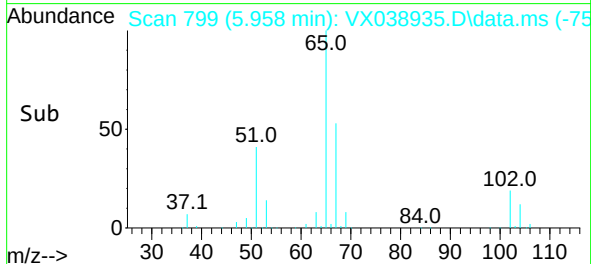
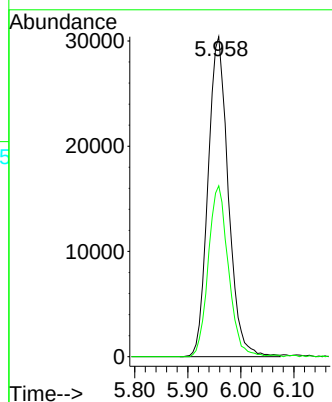
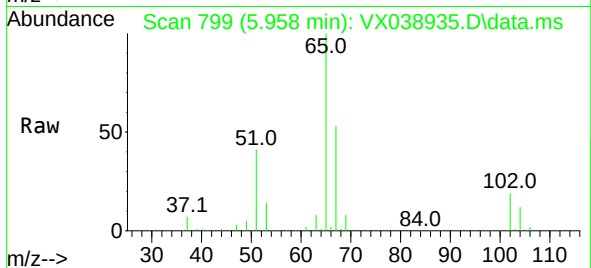
DUP06-20231109

Tgt Ion: 65 Resp: 80569

Ion Ratio Lower Upper

65 100

67 52.9 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: VX038935.D

Acq: 18 Nov 2023 17:51

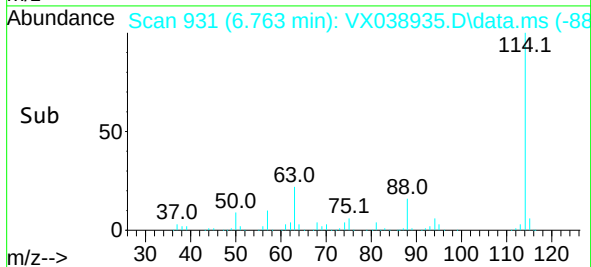
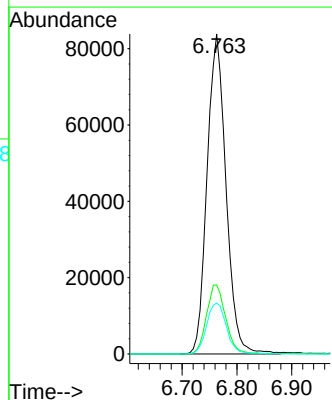
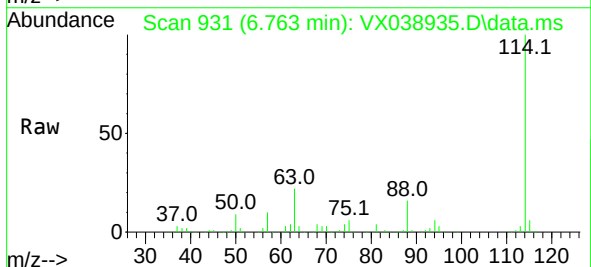
Tgt Ion: 114 Resp: 200513

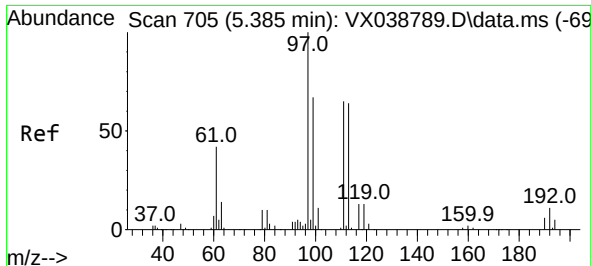
Ion Ratio Lower Upper

114 100

63 21.6 0.0 45.0

88 15.9 0.0 36.6





#35

Dibromofluoromethane

Concen: 45.173 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX038935.D

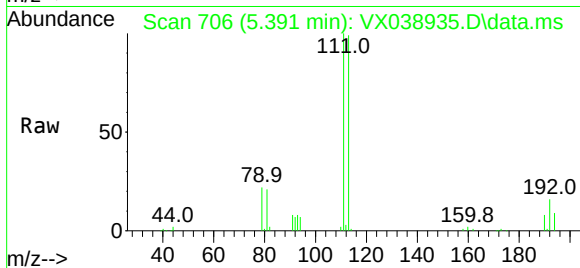
Acq: 18 Nov 2023 17:51

Instrument :

MSVOA_X

ClientSampleId :

DUP06-20231109



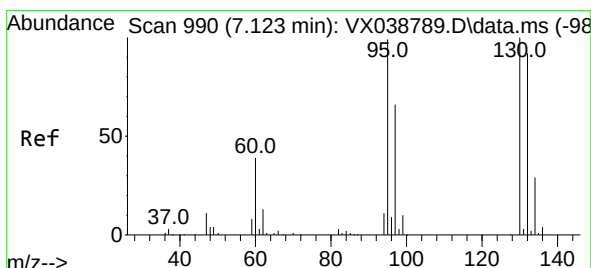
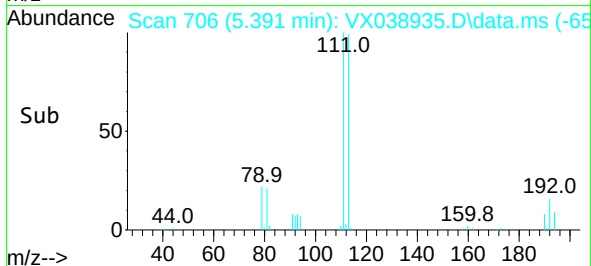
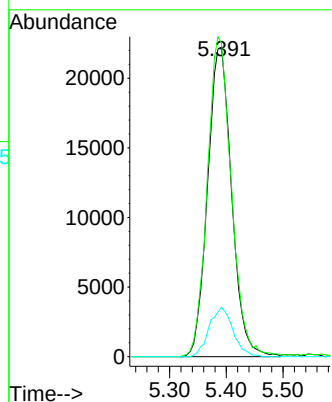
Tgt Ion:113 Resp: 65418

Ion Ratio Lower Upper

113 100

111 103.7 82.9 124.3

192 15.8 13.3 19.9



#44

Trichloroethene

Concen: 1.717 ug/l

RT: 7.135 min Scan# 992

Delta R.T. 0.012 min

Lab File: VX038935.D

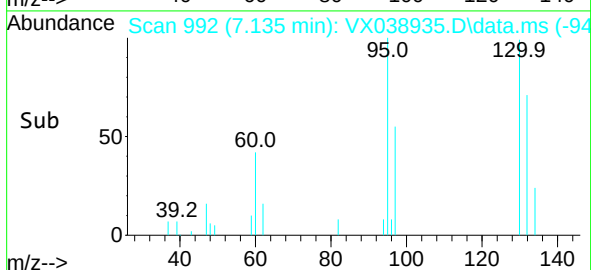
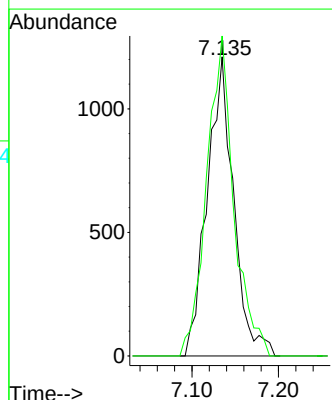
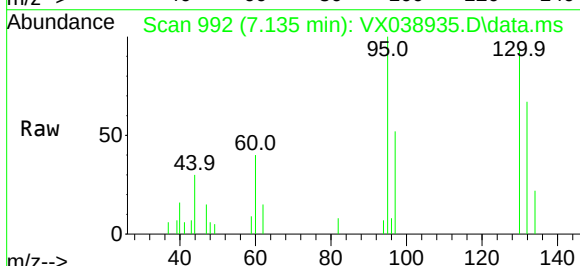
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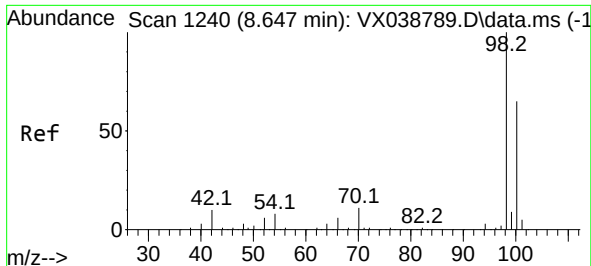
Tgt Ion:130 Resp: 2566

Ion Ratio Lower Upper

130 100

95 106.9 0.0 204.4

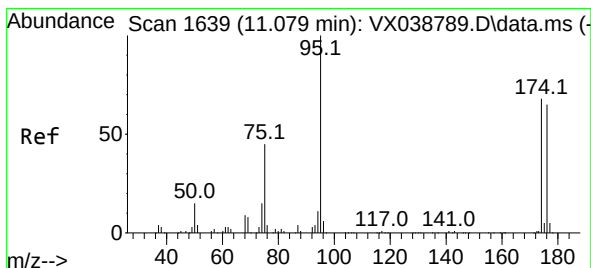
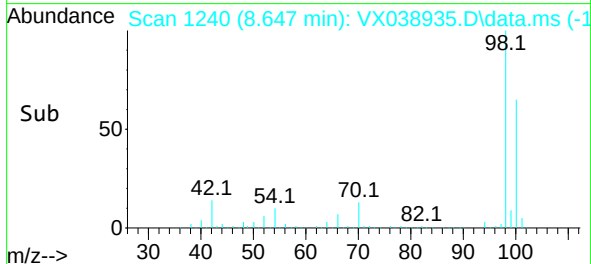
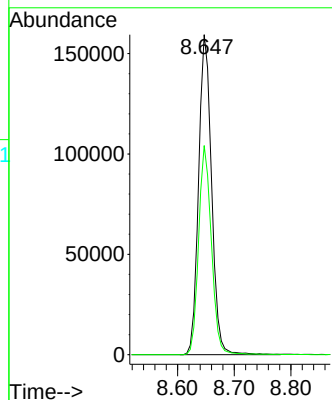
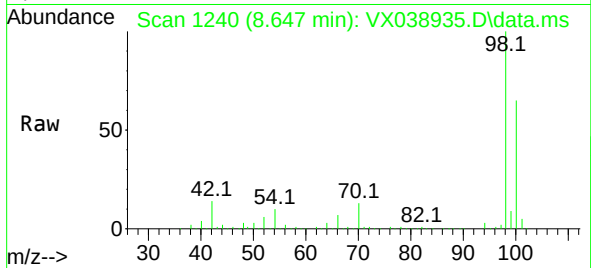




#50
Toluene-d8
Concen: 45.705 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038935.D
Acq: 18 Nov 2023 17:51

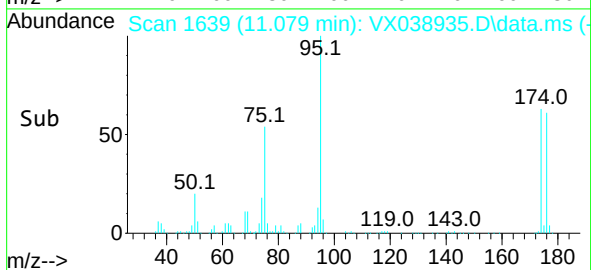
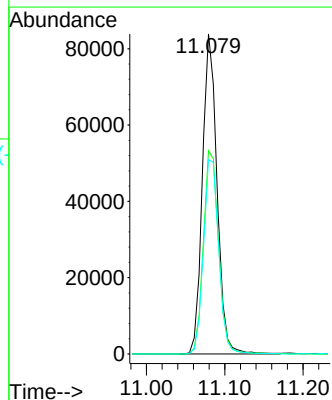
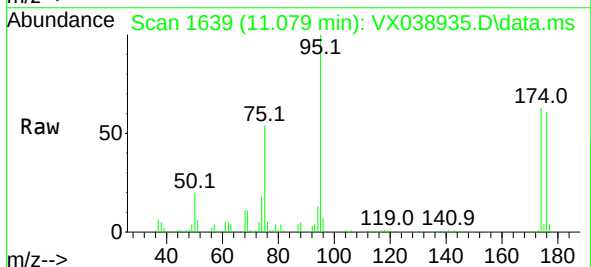
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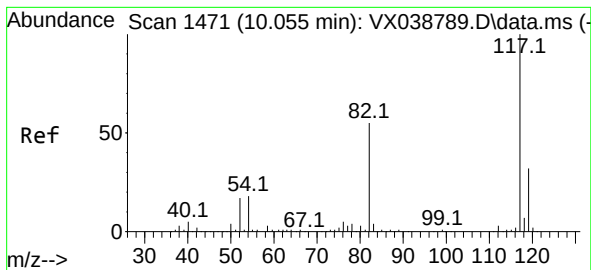
Tgt Ion: 98 Resp: 253236
Ion Ratio Lower Upper
98 100
100 64.1 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 49.007 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038935.D
Acq: 18 Nov 2023 17:51

Tgt Ion: 95 Resp: 108697
Ion Ratio Lower Upper
95 100
174 66.3 0.0 135.6
176 63.4 0.0 131.0

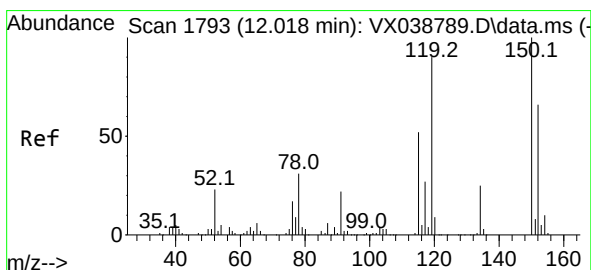
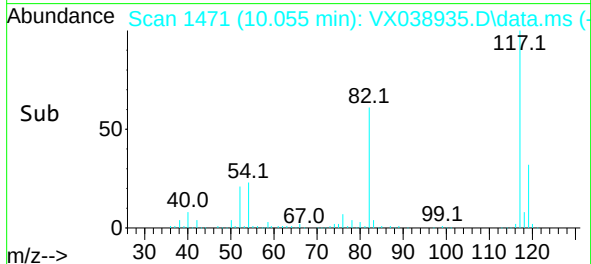
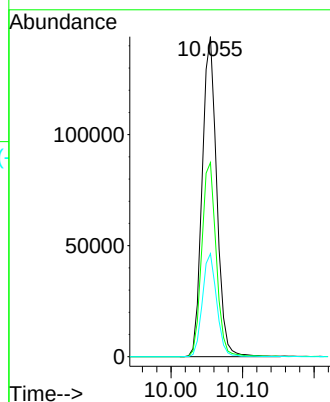
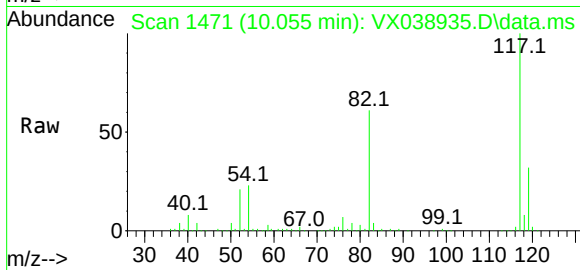




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038935.D
Acq: 18 Nov 2023 17:51

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:117 Resp: 204040
Ion Ratio Lower Upper
117 100
82 60.6 46.2 69.4
119 32.2 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: VX038935.D
Acq: 18 Nov 2023 17:51

Tgt Ion:152 Resp: 101673
Ion Ratio Lower Upper
152 100
115 65.6 43.3 129.9
150 157.2 0.0 345.0

