

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100523\
 Data File : VX038105.D
 Acq On : 05 Oct 2023 16:54
 Operator : JC/MD
 Sample : 04742-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW10A-EB-20230928

Quant Time: Oct 05 17:20:23 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)

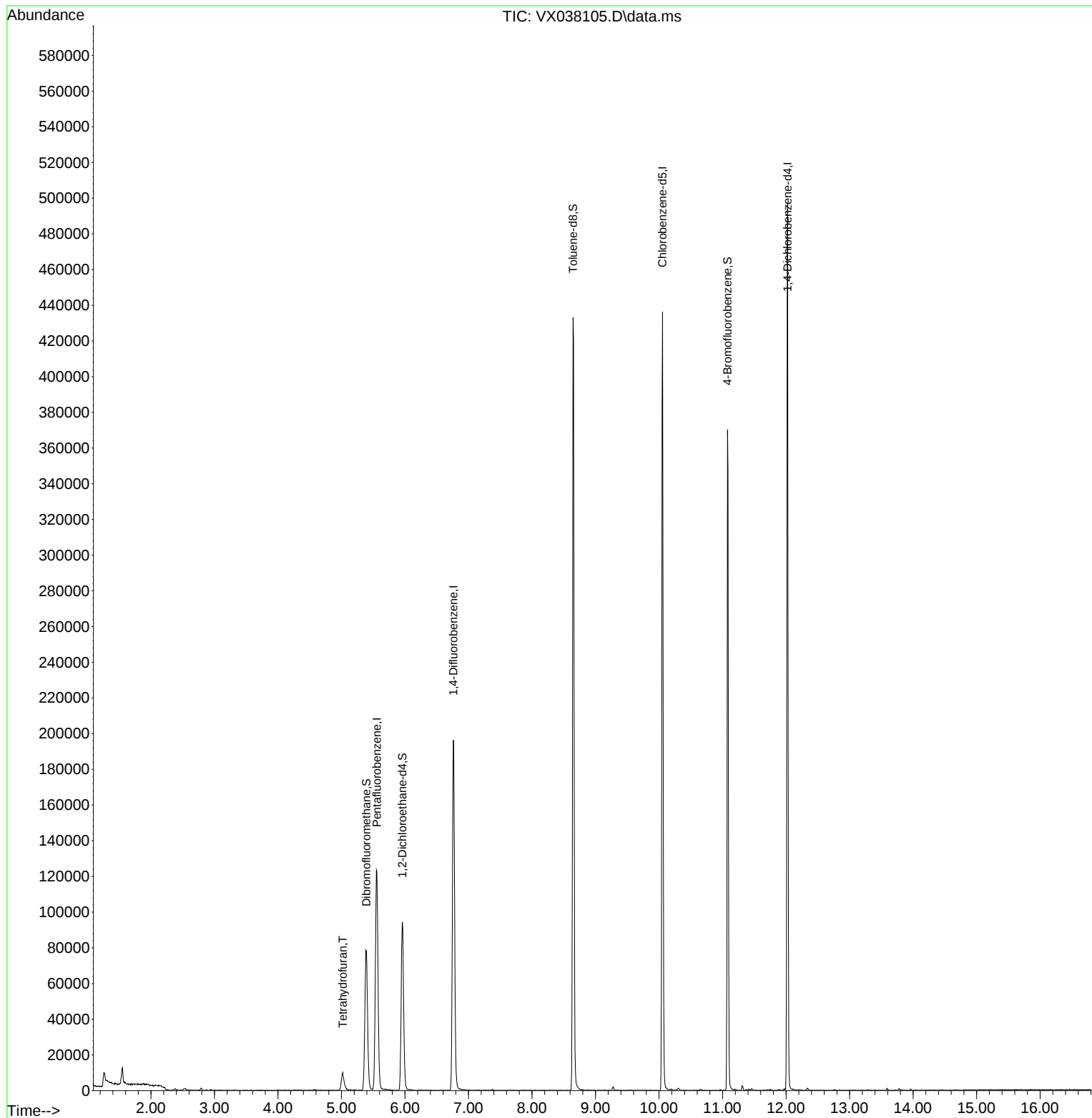
Internal Standards						
1) Pentafluorobenzene	5.556	168	116001	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	200616	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	192968	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98687	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	90624	48.571	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.140%
35) Dibromofluoromethane	5.391	113	67658	46.804	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.600%
50) Toluene-d8	8.647	98	263977	47.788	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.580%
62) 4-Bromofluorobenzene	11.079	95	93697	44.742	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.480%
Target Compounds						
29) Tetrahydrofuran	5.019	42	8728	10.670	ug/l	Qvalue 88

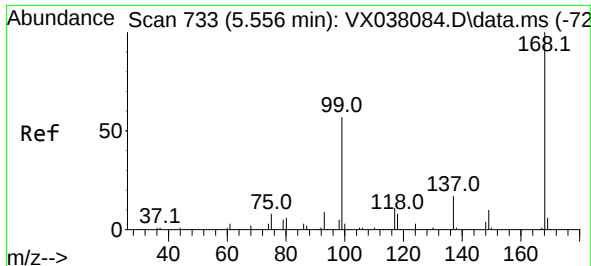
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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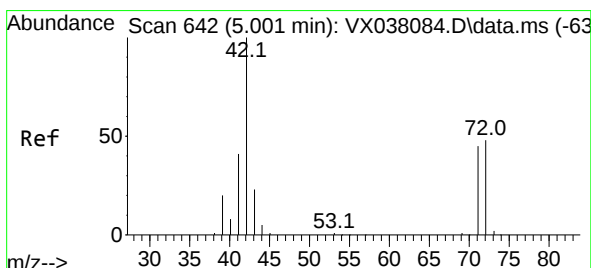
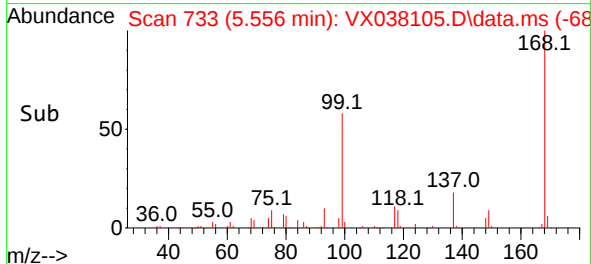
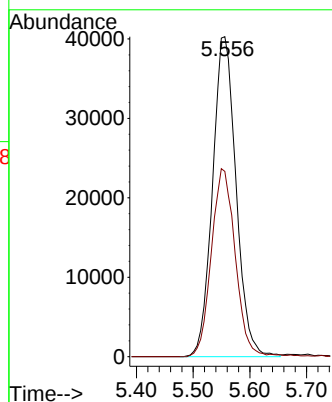
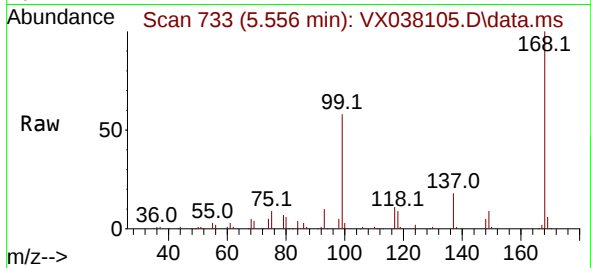




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038105.D
Acq: 05 Oct 2023 16:54

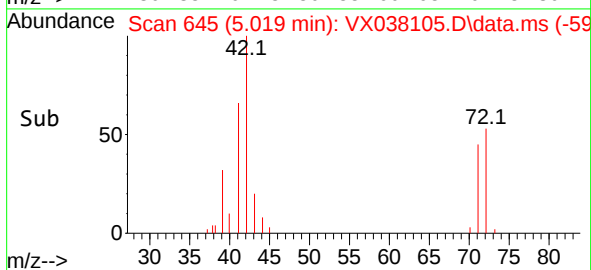
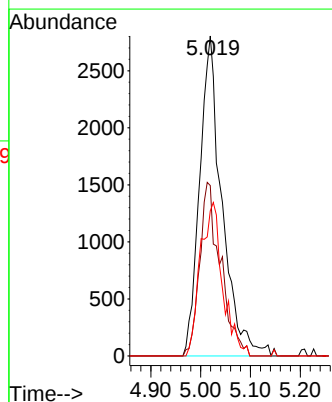
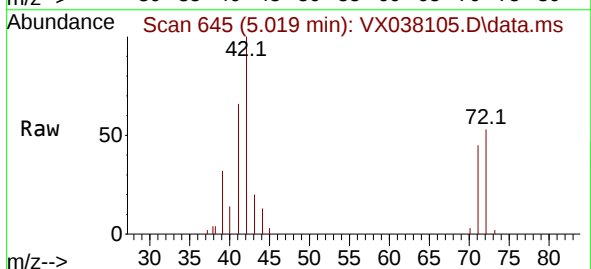
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10A-EB-20230928

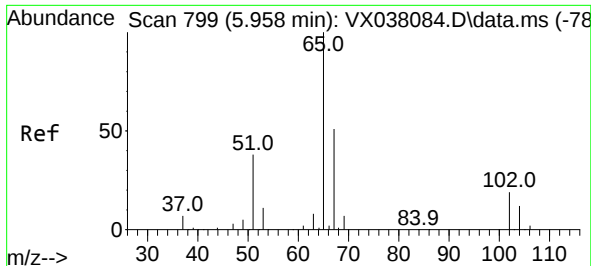
Tgt Ion:168 Resp: 116001
Ion Ratio Lower Upper
168 100
99 57.9 56.6 85.0



#29
Tetrahydrofuran
Concen: 10.670 ug/l
RT: 5.019 min Scan# 645
Delta R.T. 0.018 min
Lab File: VX038105.D
Acq: 05 Oct 2023 16:54

Tgt Ion: 42 Resp: 8728
Ion Ratio Lower Upper
42 100
72 50.7 34.2 51.4
71 47.9 32.2 48.2





#33

1,2-Dichloroethane-d4

Concen: 48.571 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038105.D

Acq: 05 Oct 2023 16:54

Instrument :

MSVOA_X

ClientSampleId :

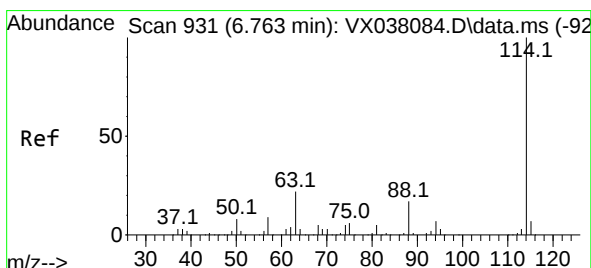
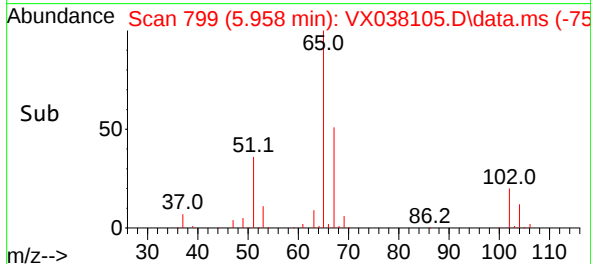
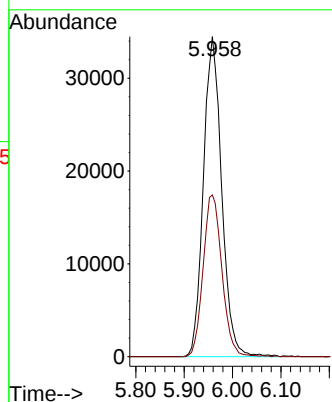
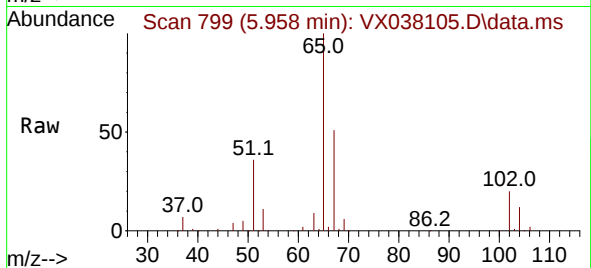
BP-VPB-RW10A-EB-20230928

Tgt Ion: 65 Resp: 90624

Ion Ratio Lower Upper

65 100

67 52.0 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: VX038105.D

Acq: 05 Oct 2023 16:54

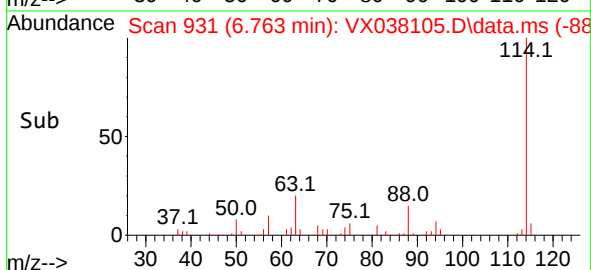
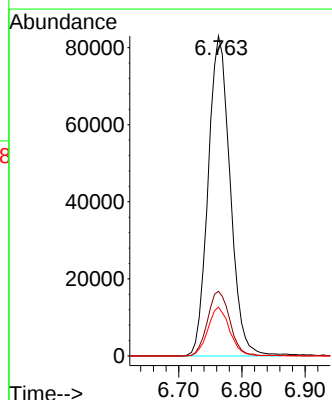
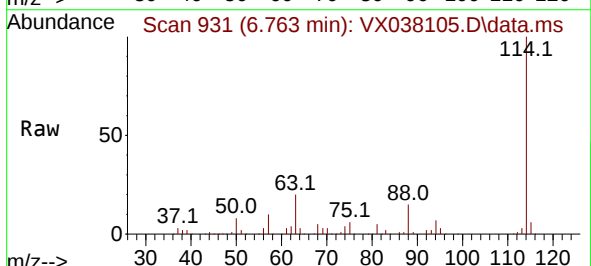
Tgt Ion: 114 Resp: 200616

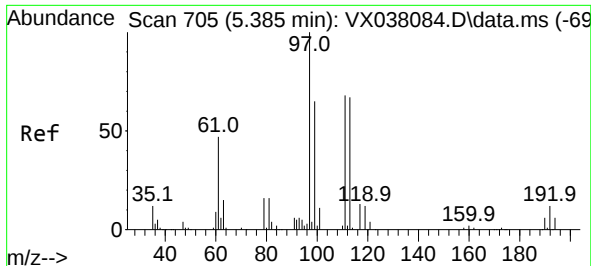
Ion Ratio Lower Upper

114 100

63 20.2 0.0 45.0

88 15.3 0.0 36.6

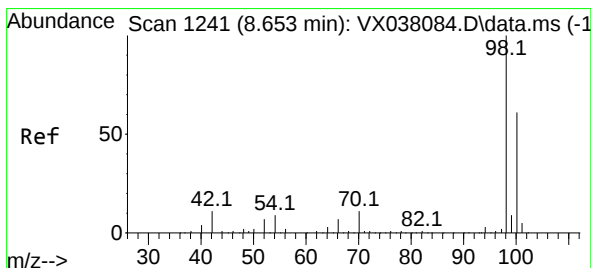
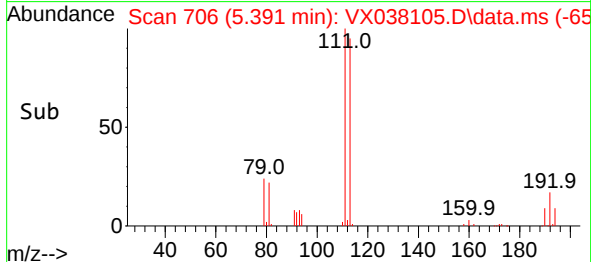
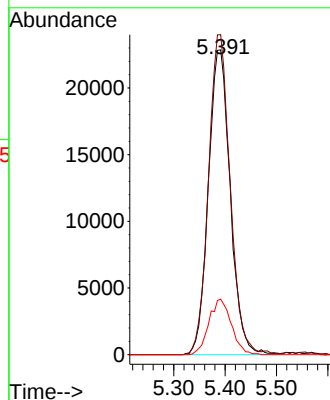
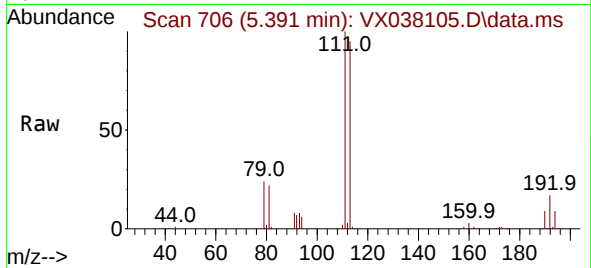




#35
Dibromofluoromethane
Concen: 46.804 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX038105.D
Acq: 05 Oct 2023 16:54

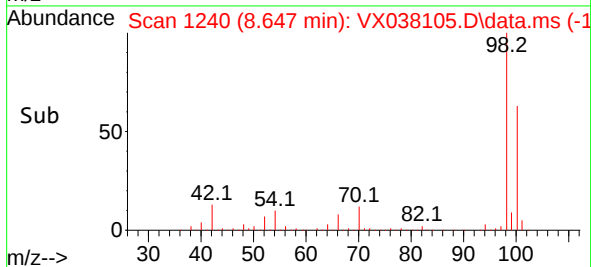
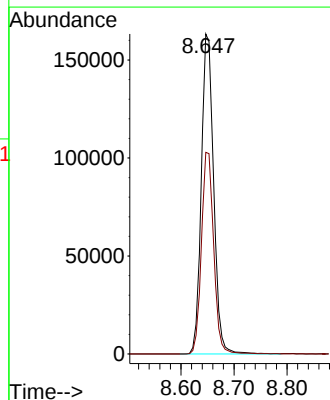
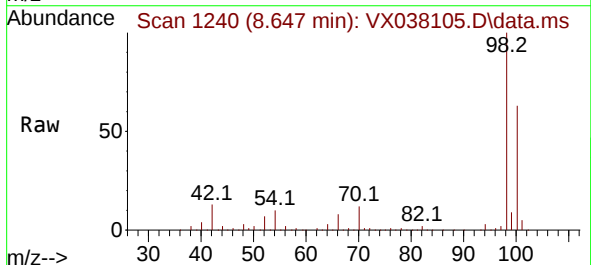
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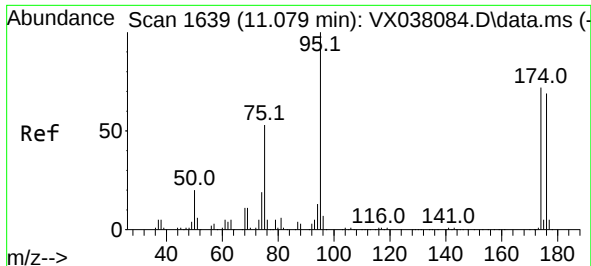
Tgt Ion:113 Resp: 67658
Ion Ratio Lower Upper
113 100
111 103.4 82.9 124.3
192 18.6 13.3 19.9



#50
Toluene-d8
Concen: 47.788 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038105.D
Acq: 05 Oct 2023 16:54

Tgt Ion: 98 Resp: 263977
Ion Ratio Lower Upper
98 100
100 62.7 53.1 79.7

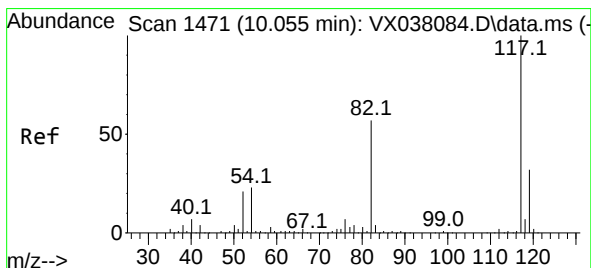
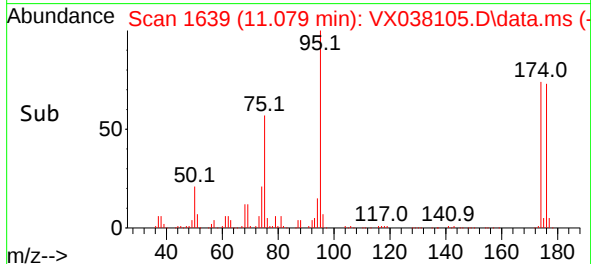
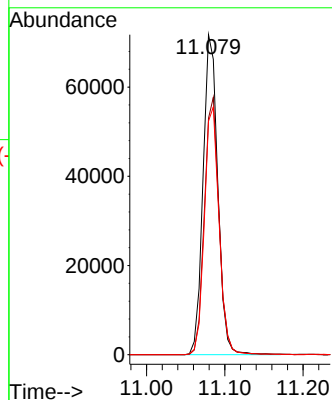
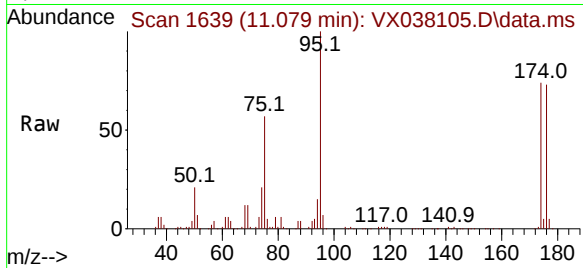




#62
4-Bromofluorobenzene
Concen: 44.742 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038105.D
Acq: 05 Oct 2023 16:54

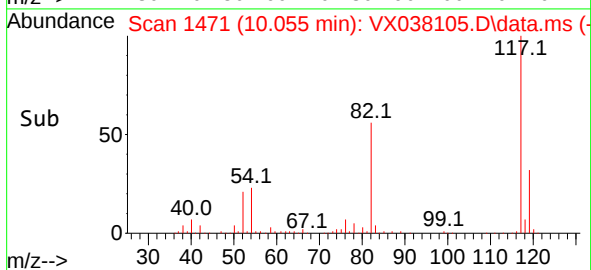
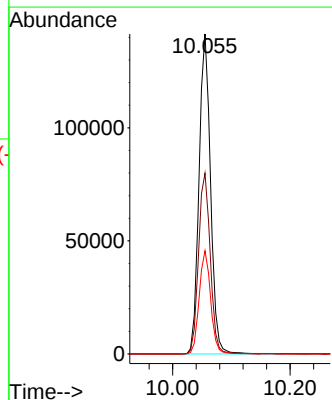
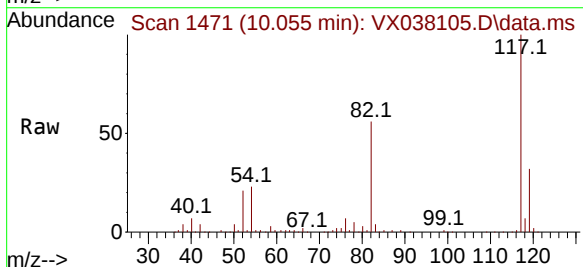
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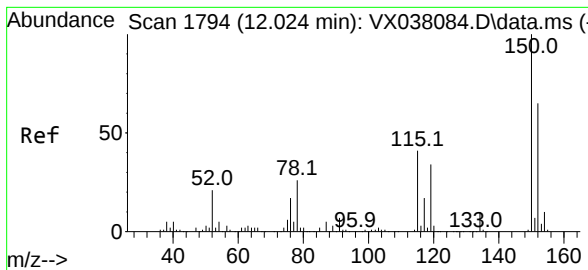
Tgt Ion: 95 Resp: 93697
Ion Ratio Lower Upper
95 100
174 80.2 0.0 135.6
176 77.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038105.D
Acq: 05 Oct 2023 16:54

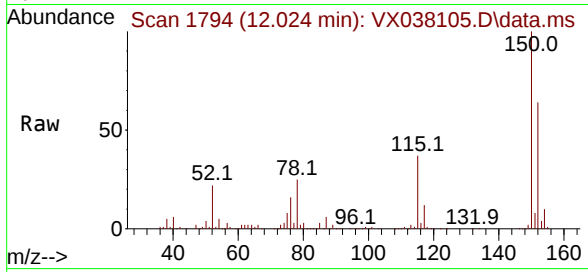
Tgt Ion: 117 Resp: 192968
Ion Ratio Lower Upper
117 100
82 56.5 46.2 69.4
119 32.2 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX038105.D
 Acq: 05 Oct 2023 16:54

Instrument :
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 ClientSampleId :
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Tgt Ion:152 Resp: 98687
 Ion Ratio Lower Upper
 152 100
 115 60.5 43.3 129.9
 150 156.0 0.0 345.0

