

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111323\
 Data File : VX038783.D
 Acq On : 13 Nov 2023 16:30
 Operator : JC/MD
 Sample : 05350-05RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT149S1-20231107RE

Quant Time: Nov 14 05:32:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 08 03:19:07 2023
 Response via : Initial Calibration

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

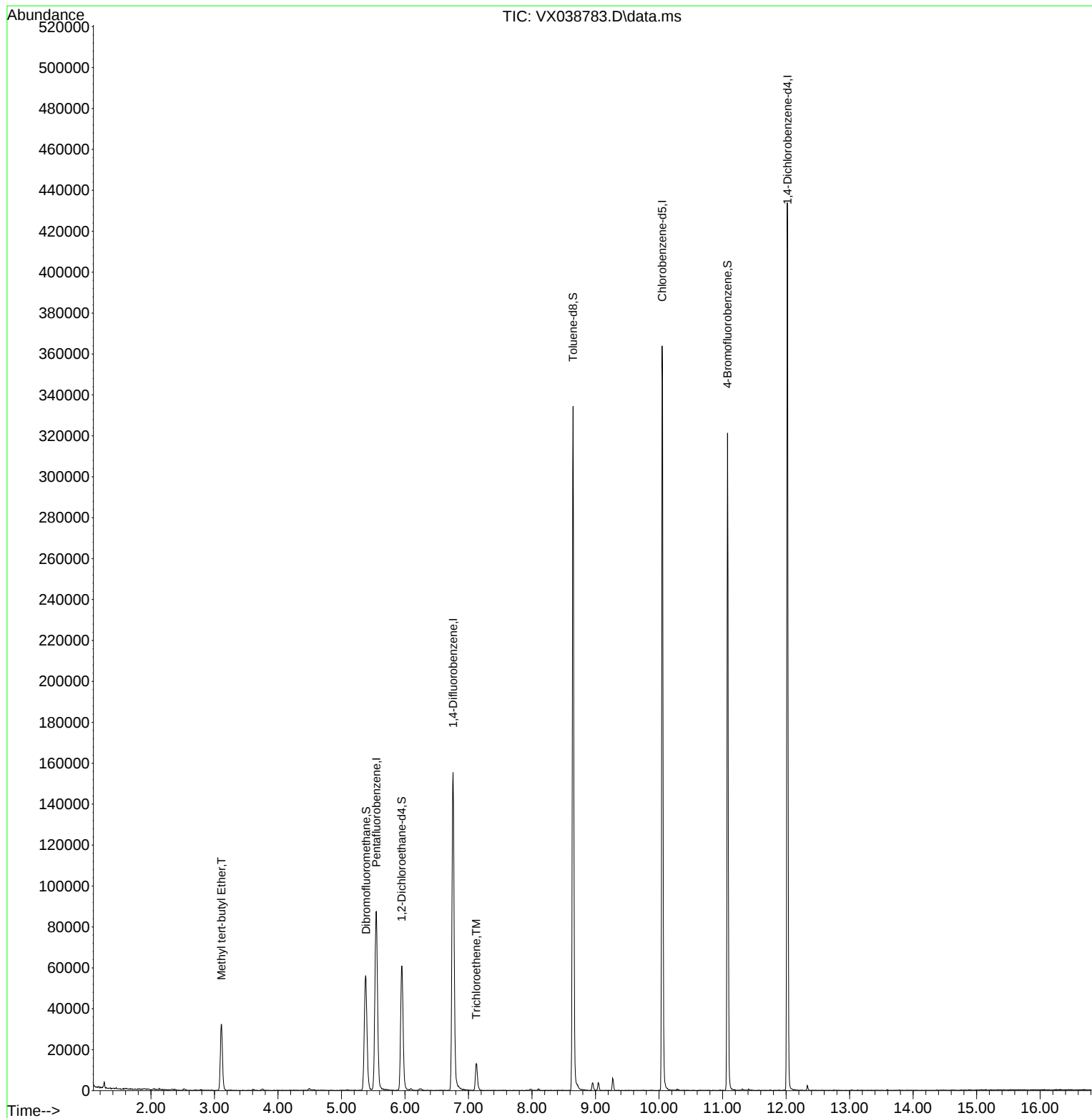
Internal Standards						
1) Pentafluorobenzene	5.550	168	83074	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	168653	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	173636	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93445	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	61560	59.522	ug/l	-0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	=	119.040%#
35) Dibromofluoromethane	5.385	113	52882	43.535	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.080%
50) Toluene-d8	8.647	98	207718	47.788	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.580%
62) 4-Bromofluorobenzene	11.079	95	96961	57.535	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	115.080%
Target Compounds						Qvalue
19) Methyl tert-butyl Ether	3.111	73	36165	14.587	ug/l	96
44) Trichloroethene	7.122	130	5803	4.291	ug/l	91

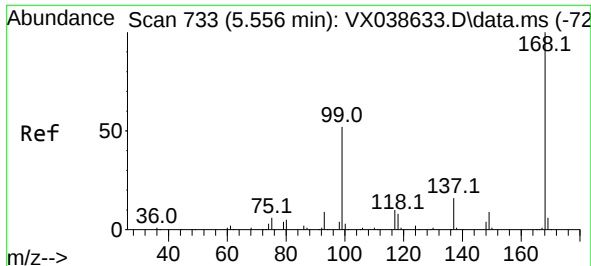
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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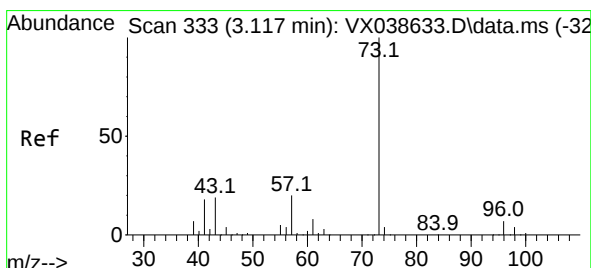
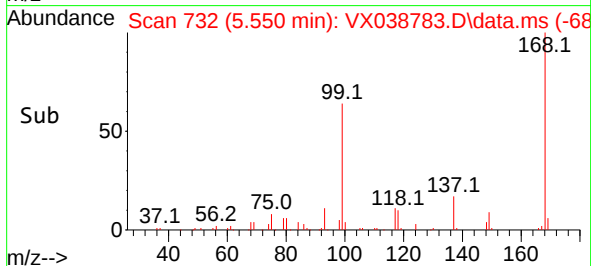
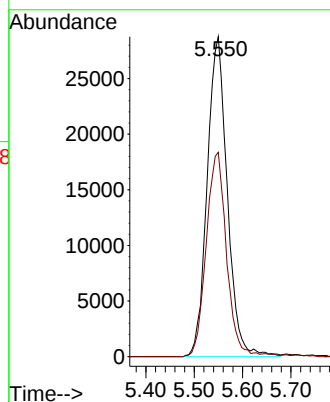
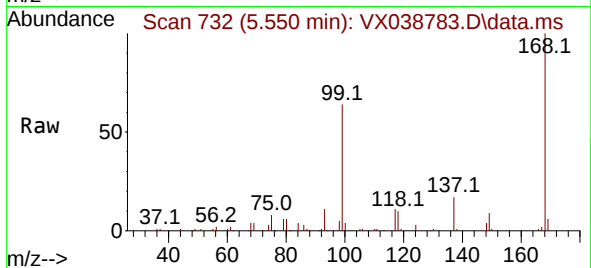




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038783.D
Acq: 13 Nov 2023 16:30

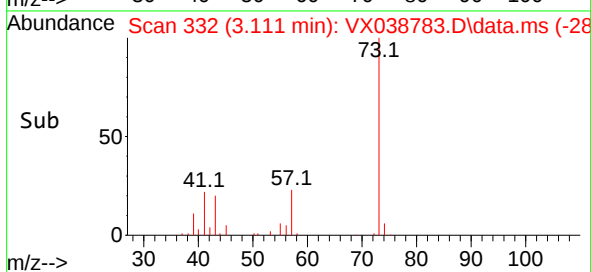
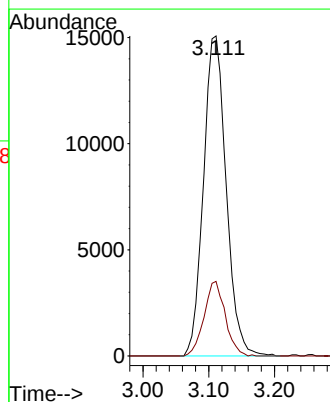
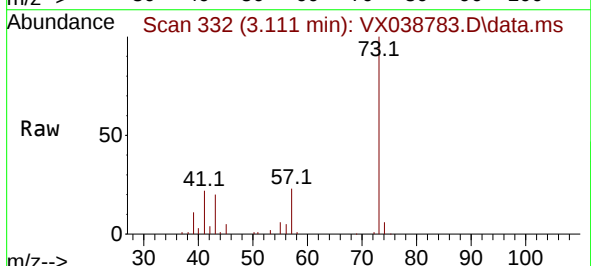
Instrument :
MSVOA_X
ClientSampleId :
TT149S1-20231107RE

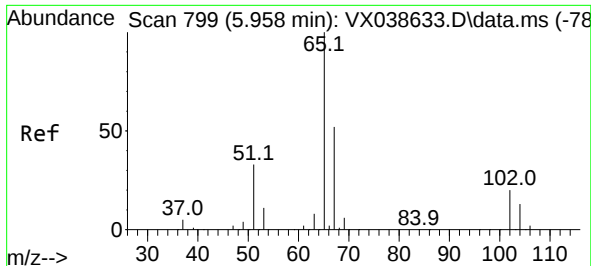
Tgt Ion:168 Resp: 83074
Ion Ratio Lower Upper
168 100
99 63.9 56.6 85.0



#19
Methyl tert-butyl Ether
Concen: 14.587 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.006 min
Lab File: VX038783.D
Acq: 13 Nov 2023 16:30

Tgt Ion: 73 Resp: 36165
Ion Ratio Lower Upper
73 100
57 23.3 17.3 25.9





#33

1,2-Dichloroethane-d4

Concen: 59.522 ug/l

RT: 5.946 min Scan# 799

Delta R.T. -0.012 min

Lab File: VX038783.D

Acq: 13 Nov 2023 16:30

Instrument :

MSVOA_X

ClientSampleId :

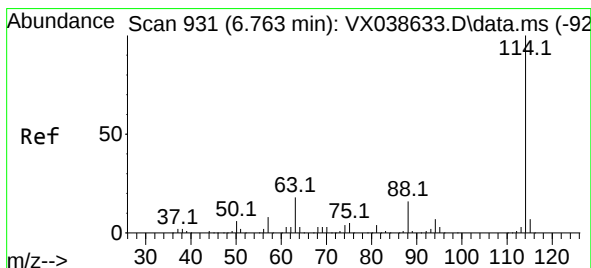
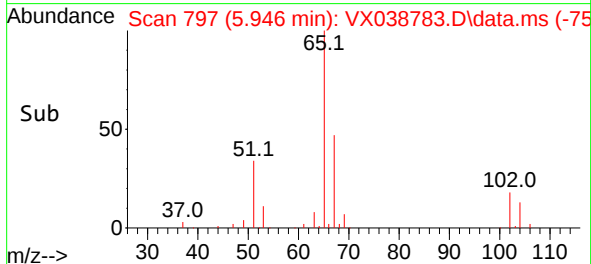
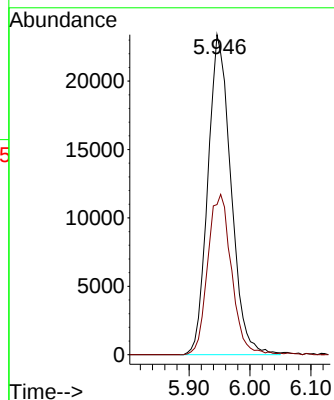
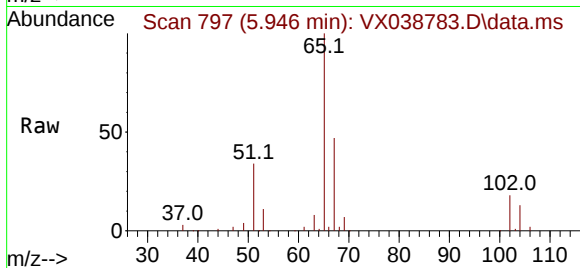
TT149S1-20231107RE

Tgt Ion: 65 Resp: 61560

Ion Ratio Lower Upper

65 100

67 51.5 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX038783.D

Acq: 13 Nov 2023 16:30

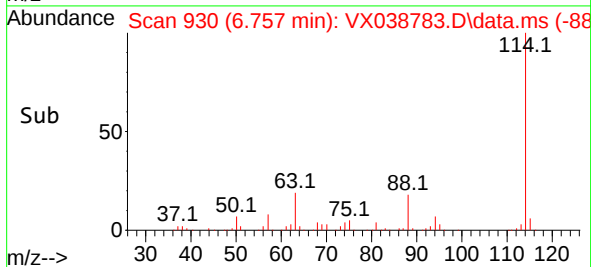
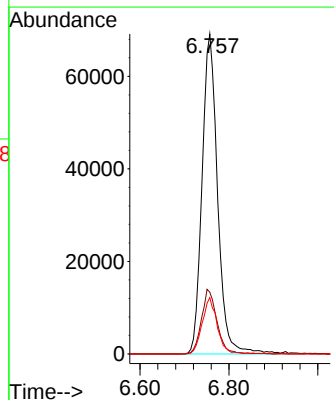
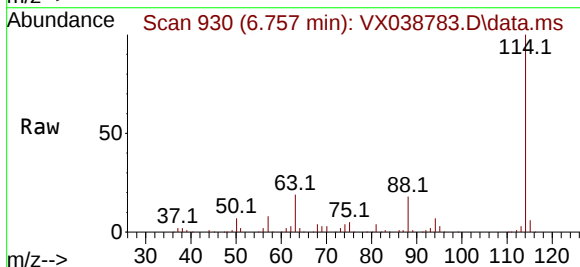
Tgt Ion: 114 Resp: 168653

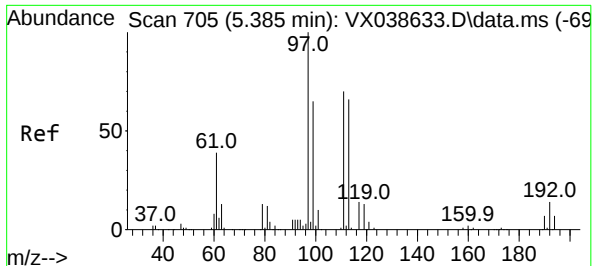
Ion Ratio Lower Upper

114 100

63 19.3 0.0 45.0

88 17.6 0.0 36.6

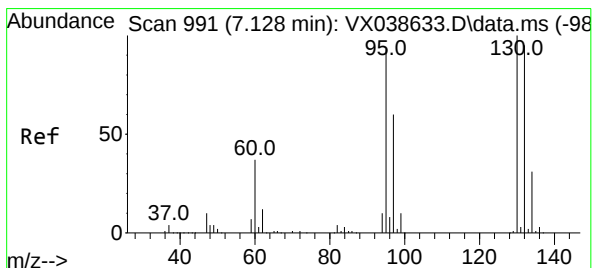
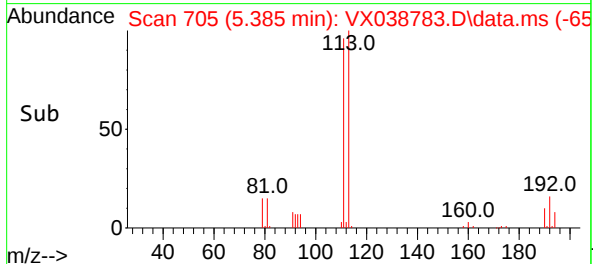
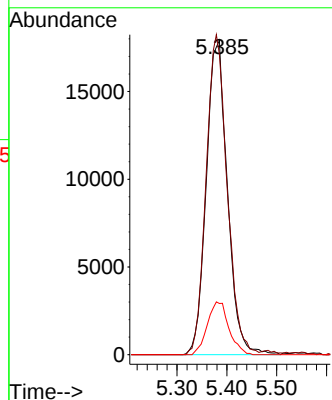
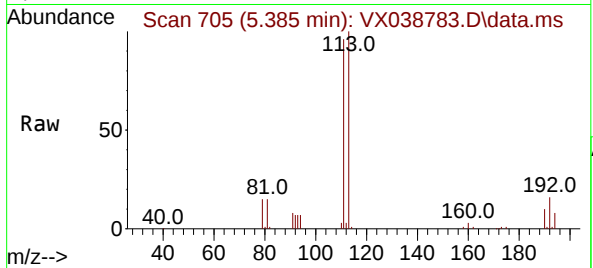




#35
 Dibromofluoromethane
 Concen: 43.535 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.000 min
 Lab File: VX038783.D
 Acq: 13 Nov 2023 16:30

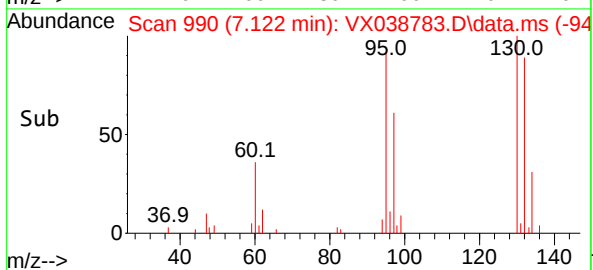
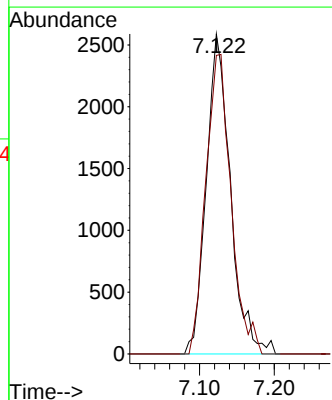
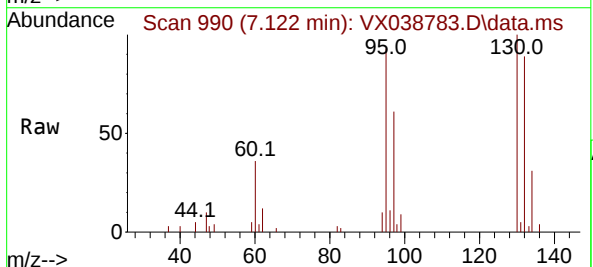
Instrument :
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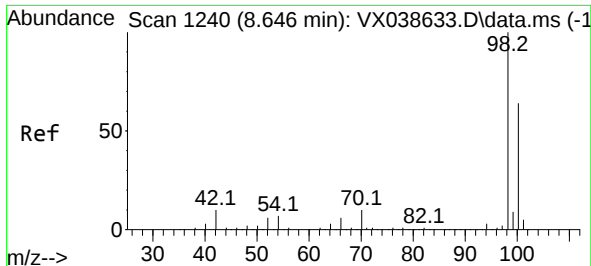
Tgt Ion:113 Resp: 52882
 Ion Ratio Lower Upper
 113 100
 111 100.8 82.9 124.3
 192 17.1 13.3 19.9



#44
 Trichloroethene
 Concen: 4.291 ug/l
 RT: 7.122 min Scan# 990
 Delta R.T. -0.006 min
 Lab File: VX038783.D
 Acq: 13 Nov 2023 16:30

Tgt Ion:130 Resp: 5803
 Ion Ratio Lower Upper
 130 100
 95 93.3 0.0 204.4





#50

Toluene-d8

Concen: 47.788 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038783.D

Acq: 13 Nov 2023 16:30

Instrument :

MSVOA_X

ClientSampleId :

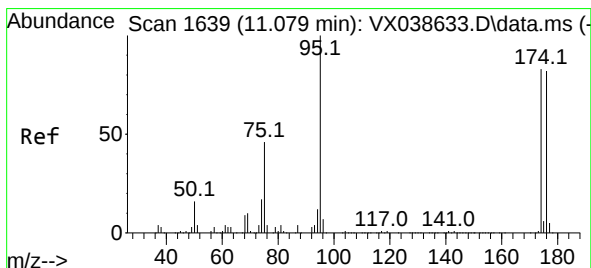
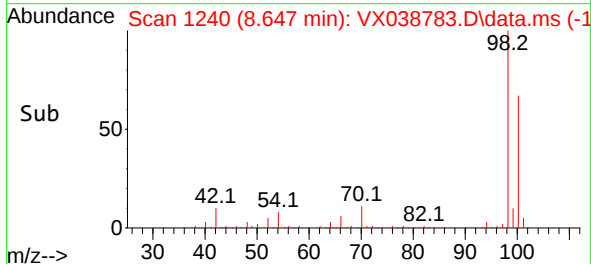
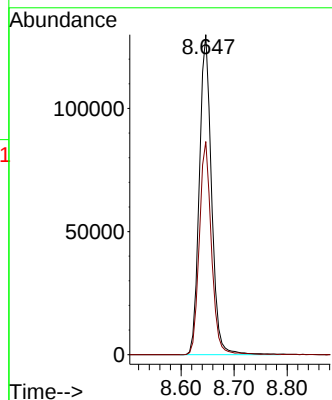
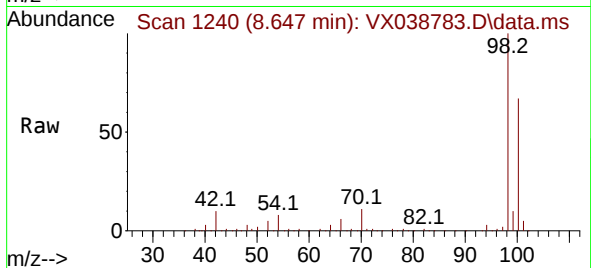
TT149S1-20231107RE

Tgt Ion: 98 Resp: 207718

Ion Ratio Lower Upper

98 100

100 66.2 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 57.535 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX038783.D

Acq: 13 Nov 2023 16:30

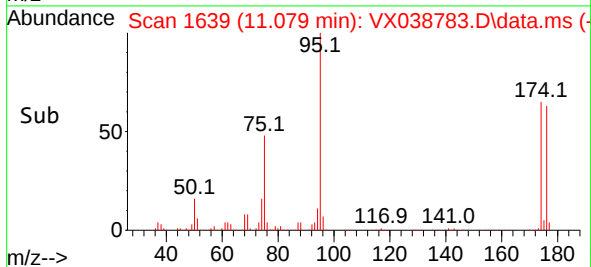
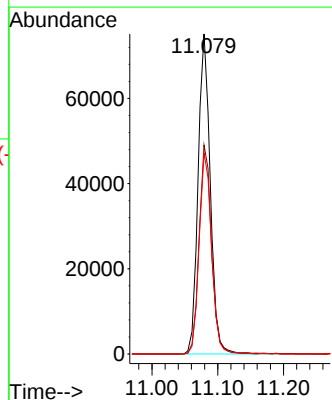
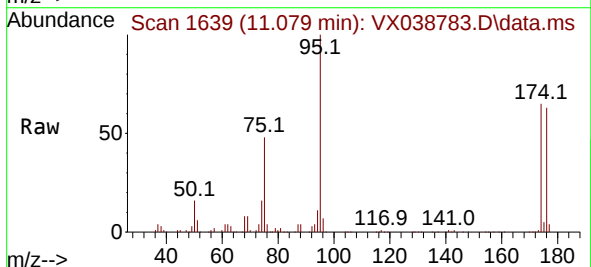
Tgt Ion: 95 Resp: 96961

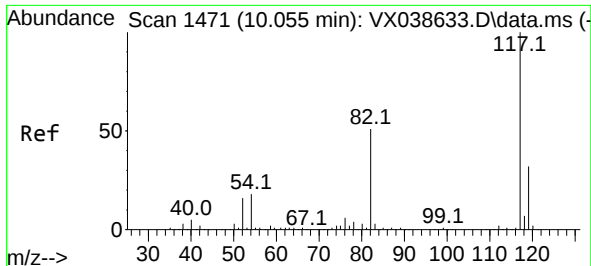
Ion Ratio Lower Upper

95 100

174 66.2 0.0 135.6

176 64.0 0.0 131.0

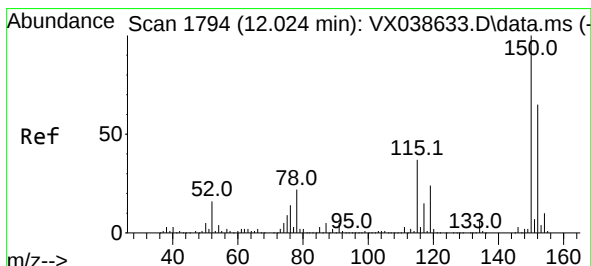
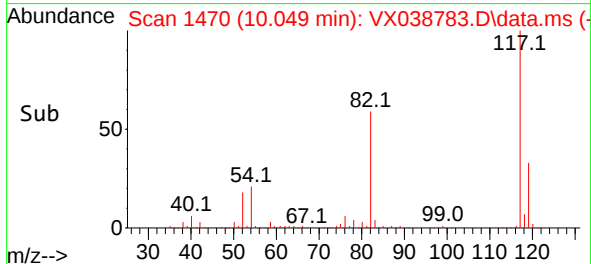
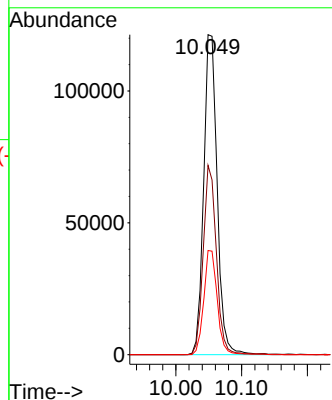
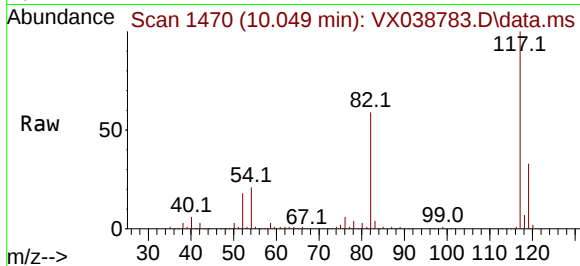




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX038783.D
Acq: 13 Nov 2023 16:30

Instrument :
MSVOA_X
ClientSampleId :
TT149S1-20231107RE

Tgt Ion:117 Resp: 173636
Ion Ratio Lower Upper
117 100
82 59.2 46.2 69.4
119 32.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038783.D
Acq: 13 Nov 2023 16:30

Tgt Ion:152 Resp: 93445
Ion Ratio Lower Upper
152 100
115 63.9 43.3 129.9
150 157.2 0.0 345.0

