

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081523\
 Data File : VX036991.D
 Acq On : 15 Aug 2023 16:32
 Operator : JC/MD
 Sample : 03989-03
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 B-PP24B

Quant Time: Aug 16 05:48:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	106814	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	193086	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	190008	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95060	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	73031	46.208	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.420%
35) Dibromofluoromethane	5.385	113	59347	44.717	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.440%
50) Toluene-d8	8.647	98	233898	49.698	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.400%
62) 4-Bromofluorobenzene	11.085	95	98119	55.258	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	110.520%

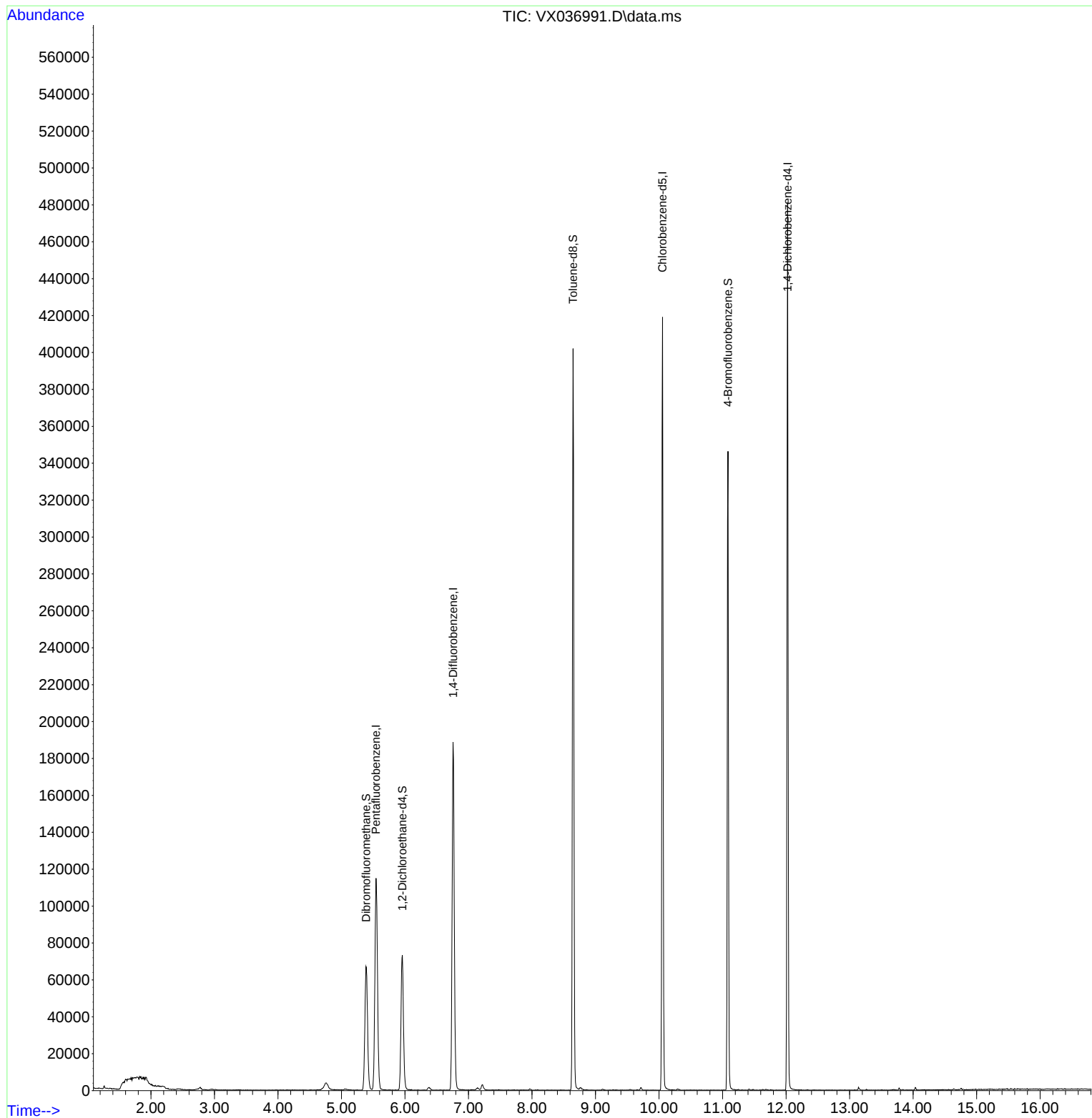
Target Compounds	Qvalue

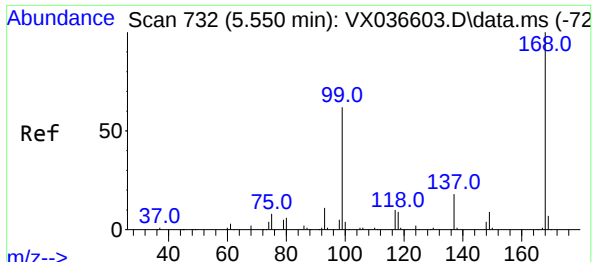
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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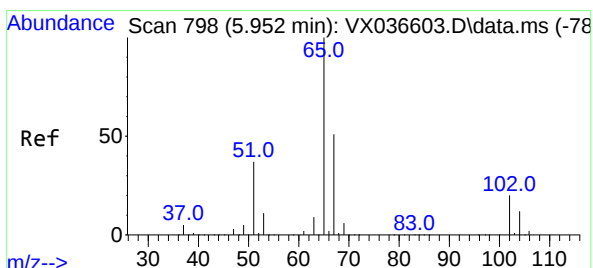
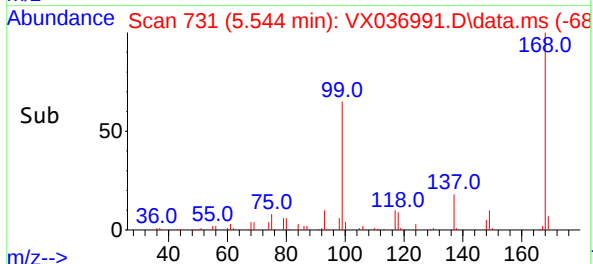
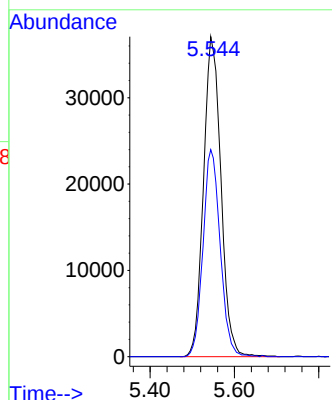
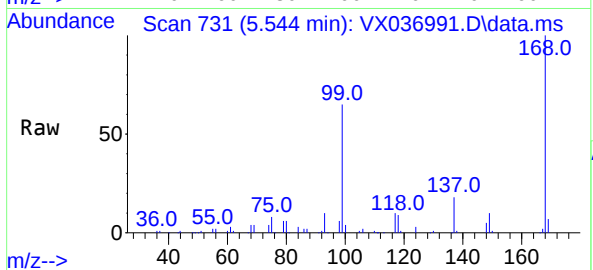




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX036991.D
Acq: 15 Aug 2023 16:32

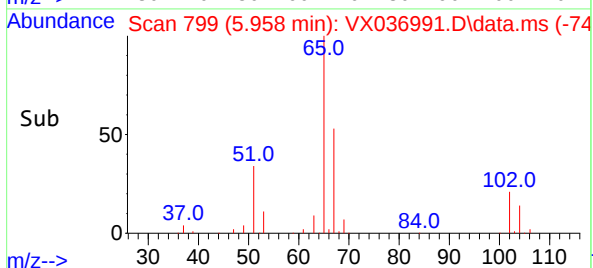
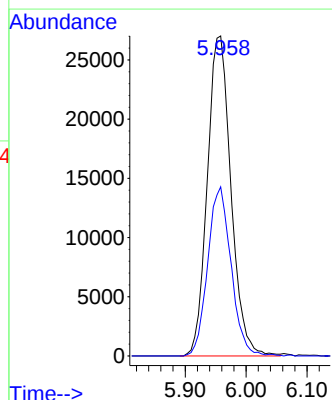
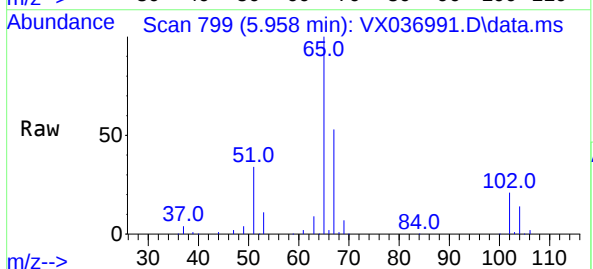
Instrument :
MSVOA_X
ClientSampleId :
B-PP24B

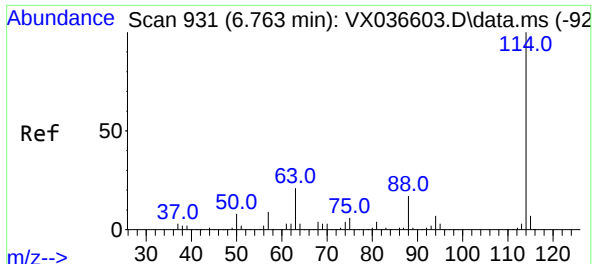
Tgt Ion:168 Resp: 106814
Ion Ratio Lower Upper
168 100
99 64.7 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 46.208 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX036991.D
Acq: 15 Aug 2023 16:32

Tgt Ion: 65 Resp: 73031
Ion Ratio Lower Upper
65 100
67 52.1 0.0 100.2

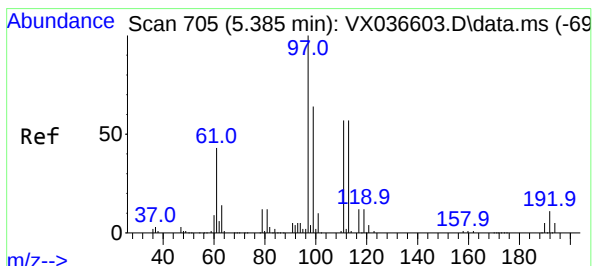
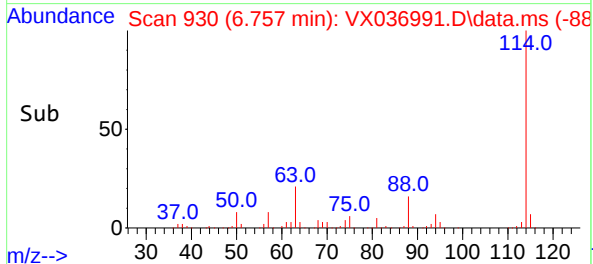
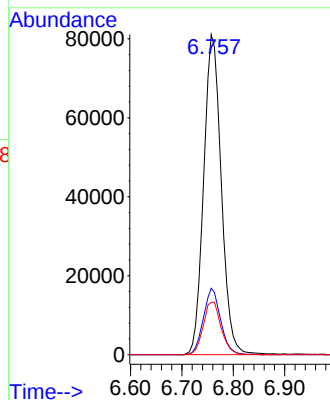
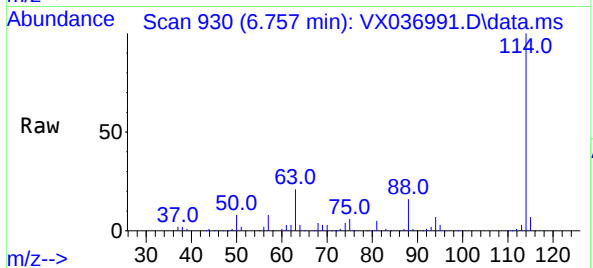




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX036991.D
Acq: 15 Aug 2023 16:32

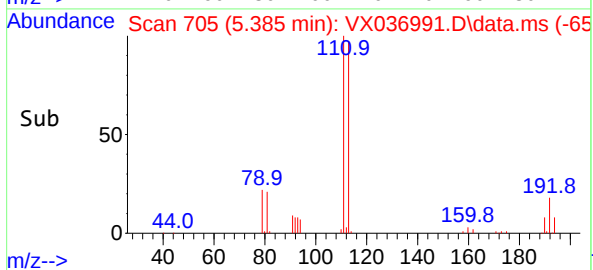
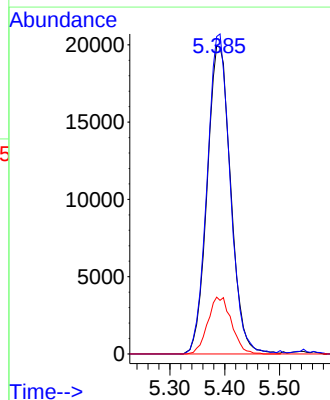
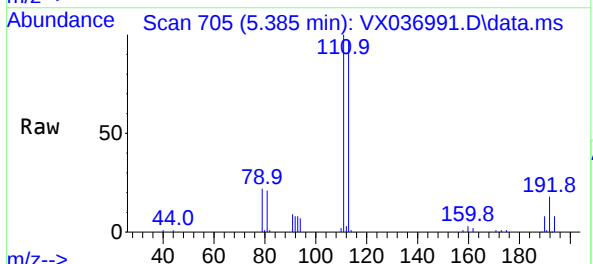
Instrument :
MSVOA_X
ClientSampleId :
B-PP24B

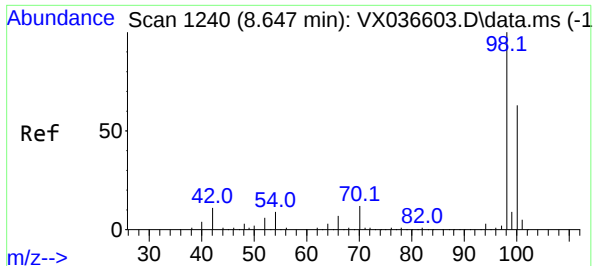
Tgt Ion:114 Resp: 193086
Ion Ratio Lower Upper
114 100
63 20.7 0.0 45.0
88 16.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.717 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036991.D
Acq: 15 Aug 2023 16:32

Tgt Ion:113 Resp: 59347
Ion Ratio Lower Upper
113 100
111 101.8 82.9 124.3
192 18.6 13.3 19.9





#50

Toluene-d8

Concen: 49.698 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX036991.D

Acq: 15 Aug 2023 16:32

Instrument :

MSVOA_X

ClientSampleId :

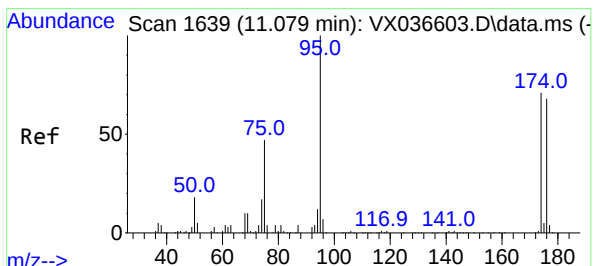
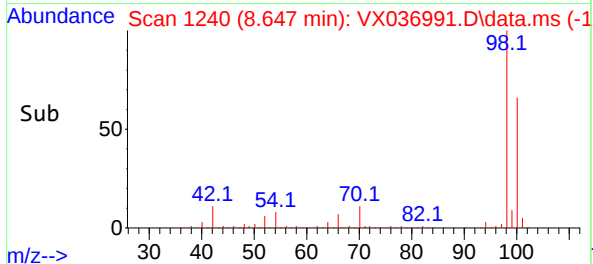
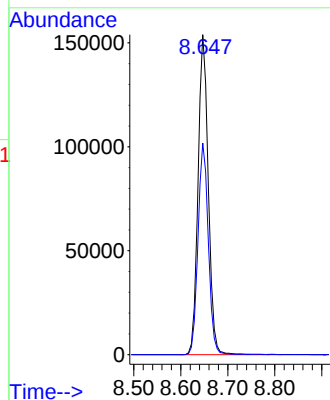
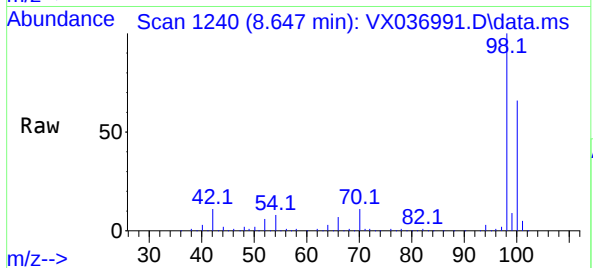
B-PP24B

Tgt Ion: 98 Resp: 233898

Ion Ratio Lower Upper

98 100

100 66.6 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 55.258 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.006 min

Lab File: VX036991.D

Acq: 15 Aug 2023 16:32

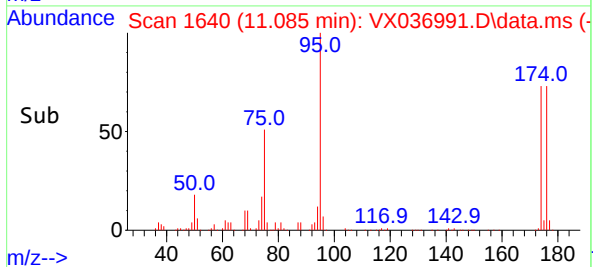
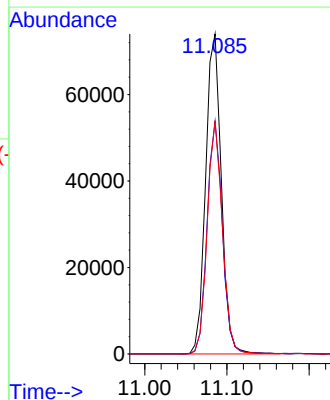
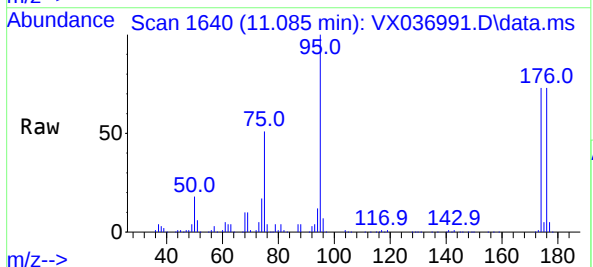
Tgt Ion: 95 Resp: 98119

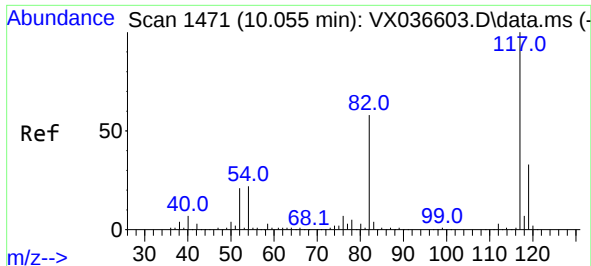
Ion Ratio Lower Upper

95 100

174 71.0 0.0 135.6

176 70.4 0.0 131.0

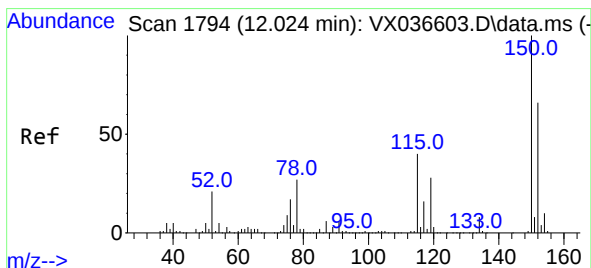
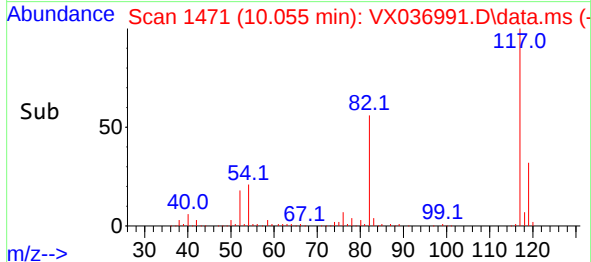
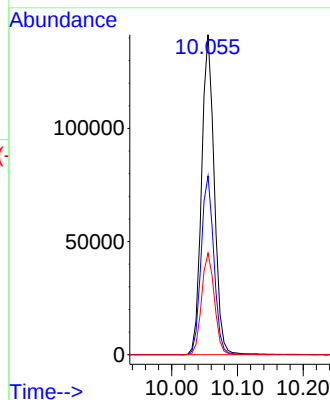
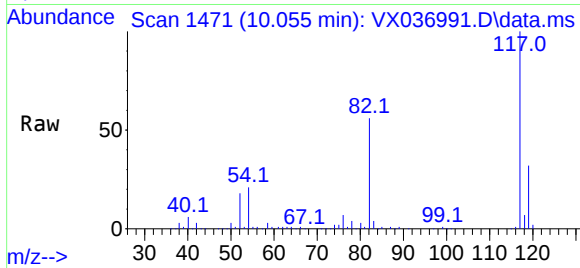




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036991.D
Acq: 15 Aug 2023 16:32

Instrument :
MSVOA_X
ClientSampleId :
B-PP24B

Tgt Ion:117 Resp: 190008
Ion Ratio Lower Upper
117 100
82 55.9 46.2 69.4
119 31.7 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: VX036991.D
Acq: 15 Aug 2023 16:32

Tgt Ion:152 Resp: 95060
Ion Ratio Lower Upper
152 100
115 62.6 43.3 129.9
150 156.6 0.0 345.0

