

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081523\
 Data File : VX036990.D
 Acq On : 15 Aug 2023 16:08
 Operator : JC/MD
 Sample : 03989-02
 Misc : 5.07g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 B-PP24A

Quant Time: Aug 15 16:53:43 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	5.550	168	103592	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	191762	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	189200	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	97399	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	73138	47.715	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.440%
35) Dibromofluoromethane	5.385	113	59062	44.810	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.620%
50) Toluene-d8	8.647	98	230115	49.231	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.460%
62) 4-Bromofluorobenzene	11.085	95	98794	56.022	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	112.040%

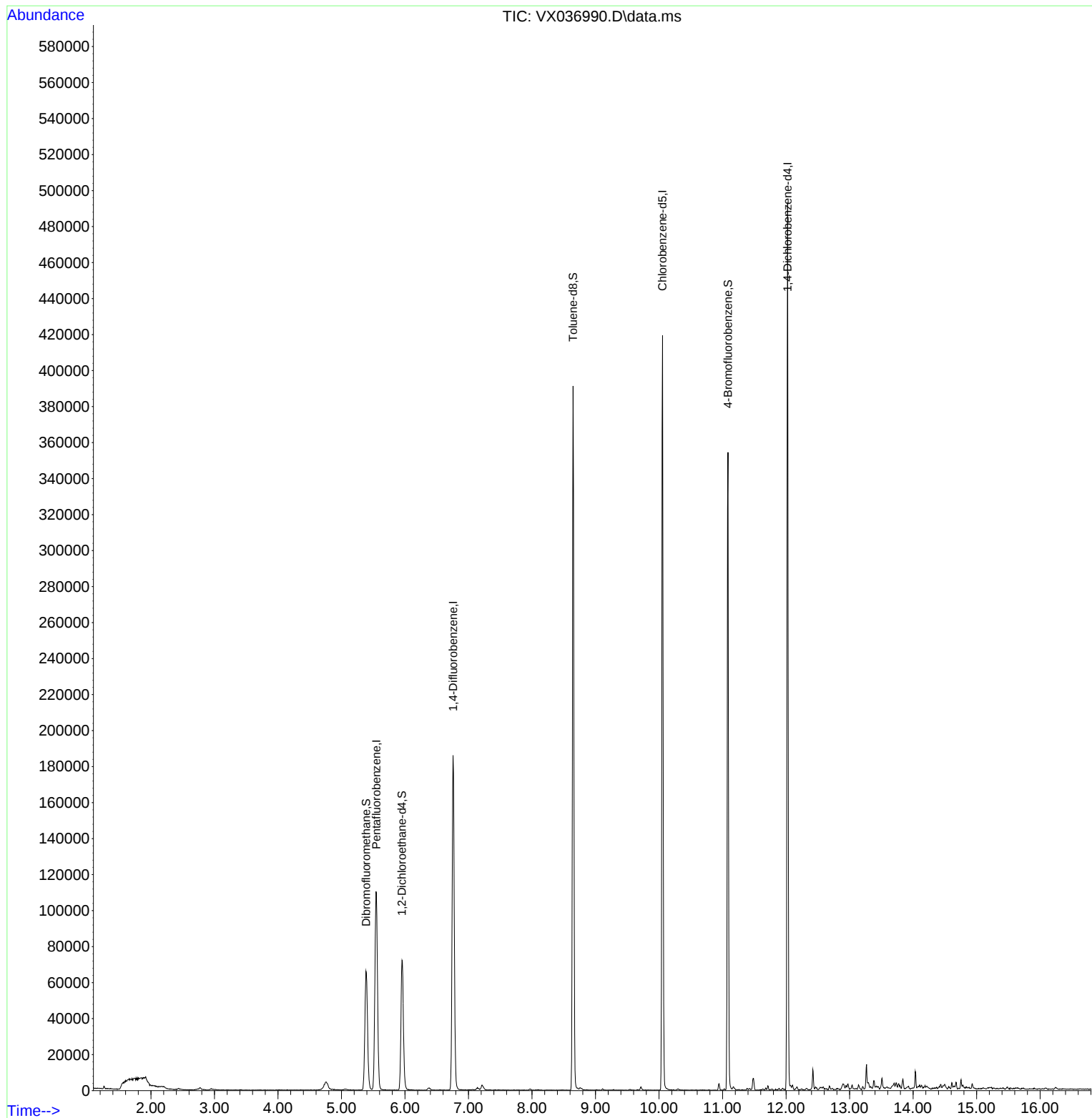
Target Compounds	Qvalue

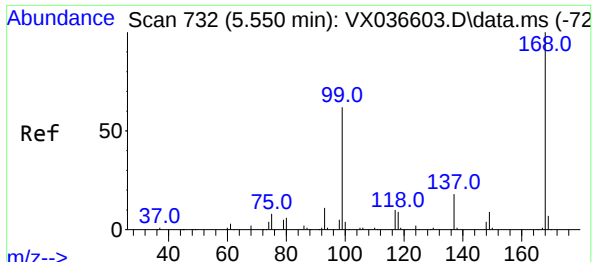
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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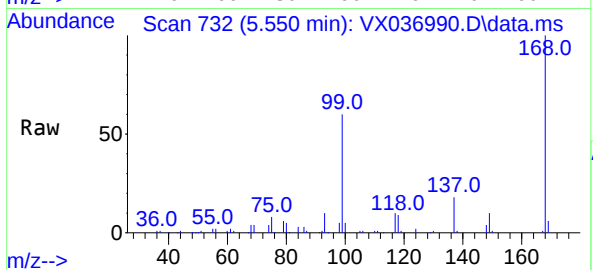
Quant Time: Aug 15 16:53:43 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
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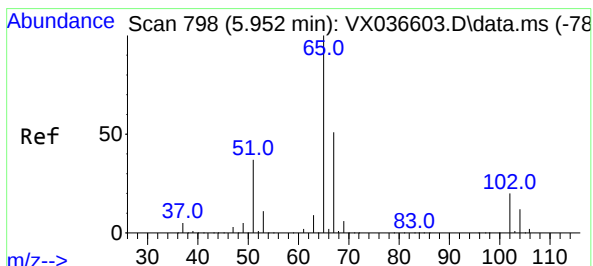
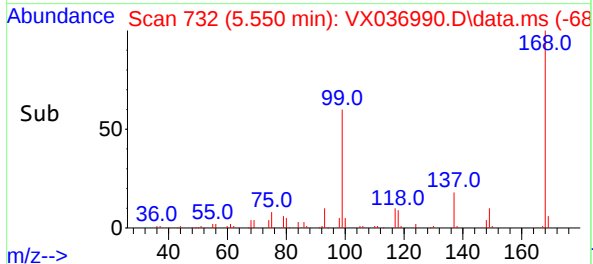
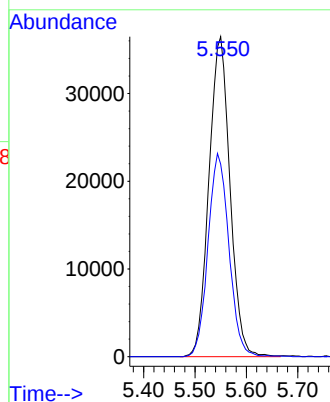


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX036990.D
Acq: 15 Aug 2023 16:08

Instrument :
MSVOA_X
ClientSampleId :
B-PP24A

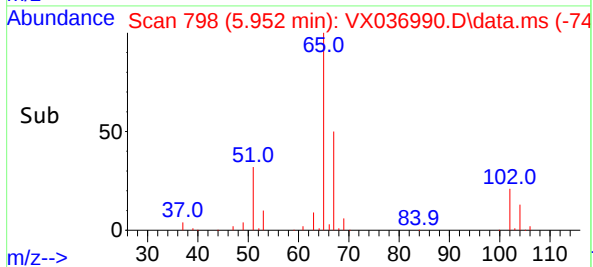
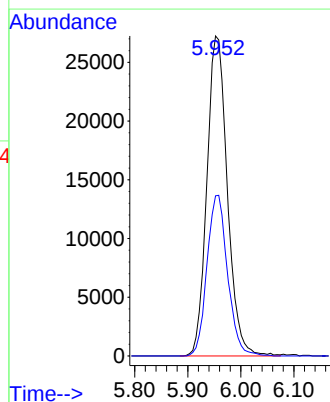
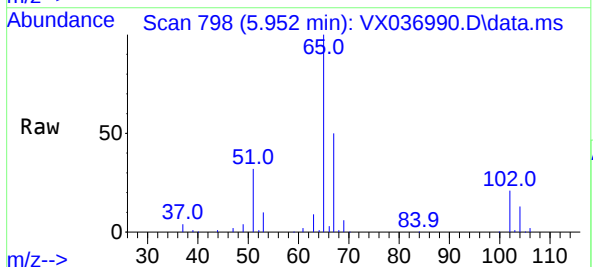


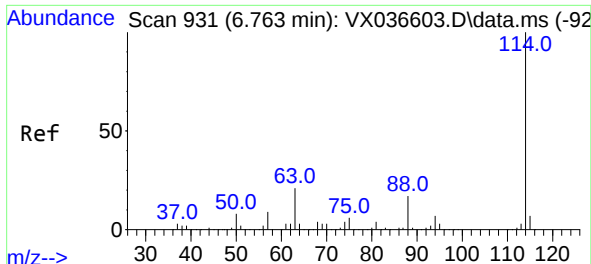
Tgt Ion:168 Resp: 103592
Ion Ratio Lower Upper
168 100
99 60.2 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 47.715 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX036990.D
Acq: 15 Aug 2023 16:08

Tgt Ion: 65 Resp: 73138
Ion Ratio Lower Upper
65 100
67 50.5 0.0 100.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX036990.D

Acq: 15 Aug 2023 16:08

Instrument :

MSVOA_X

ClientSampleId :

B-PP24A

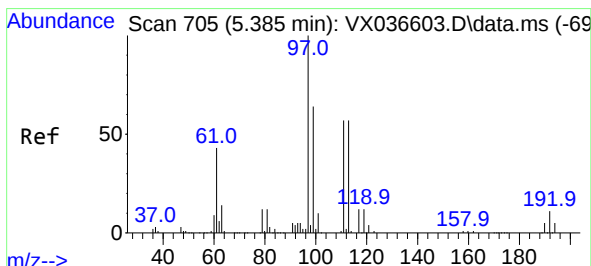
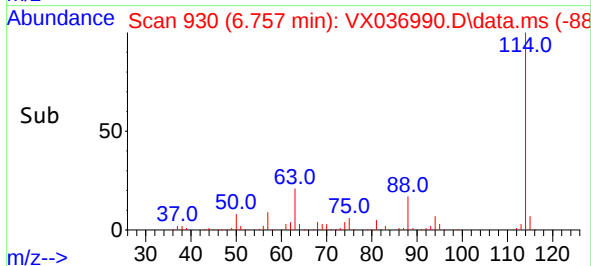
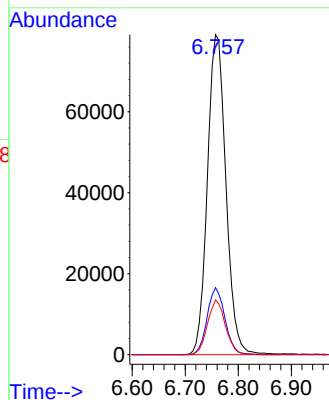
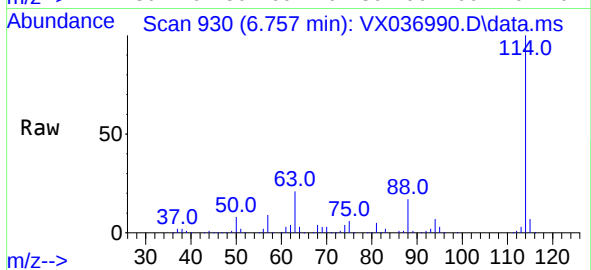
Tgt Ion:114 Resp: 191762

Ion Ratio Lower Upper

114 100

63 21.0 0.0 45.0

88 17.1 0.0 36.6



#35

Dibromofluoromethane

Concen: 44.810 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX036990.D

Acq: 15 Aug 2023 16:08

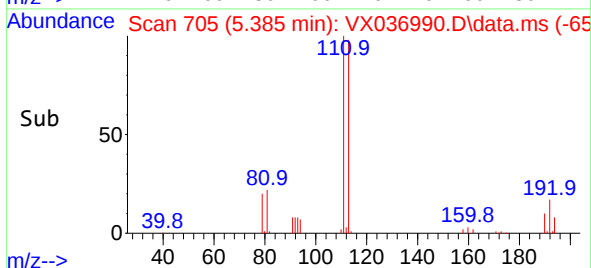
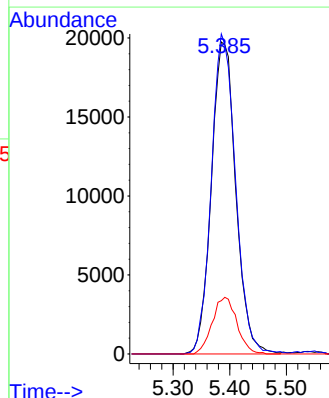
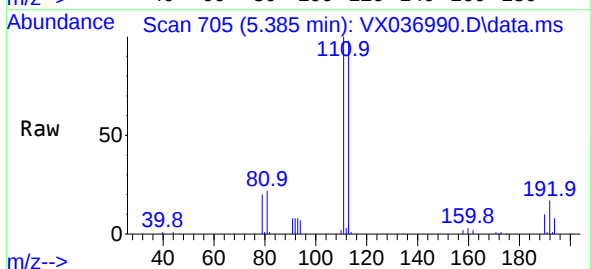
Tgt Ion:113 Resp: 59062

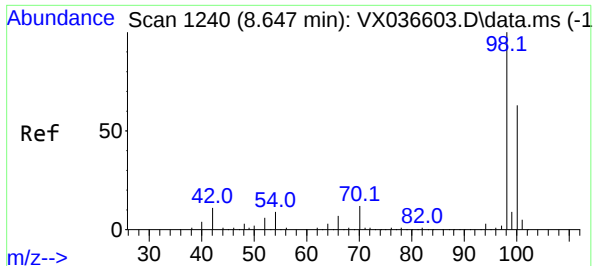
Ion Ratio Lower Upper

113 100

111 101.6 82.9 124.3

192 18.3 13.3 19.9

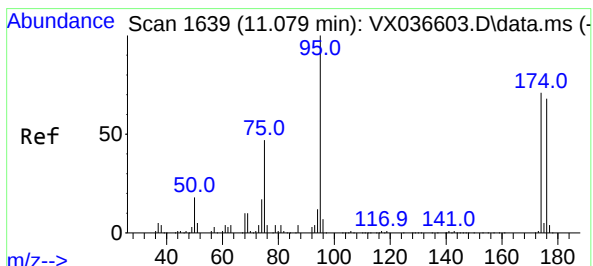
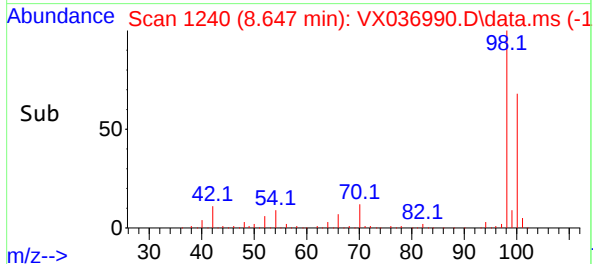
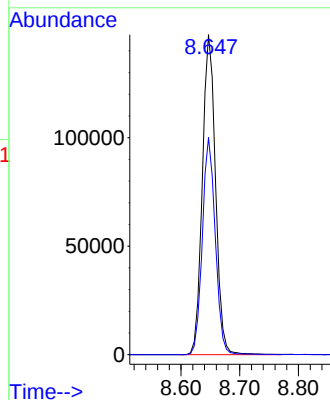
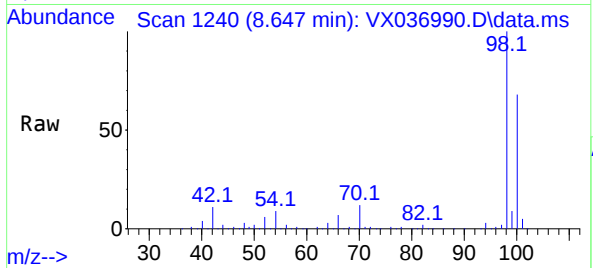




#50
Toluene-d8
Concen: 49.231 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036990.D
Acq: 15 Aug 2023 16:08

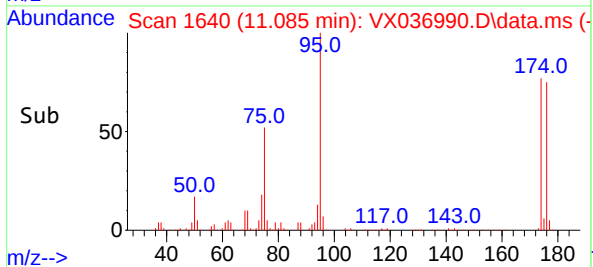
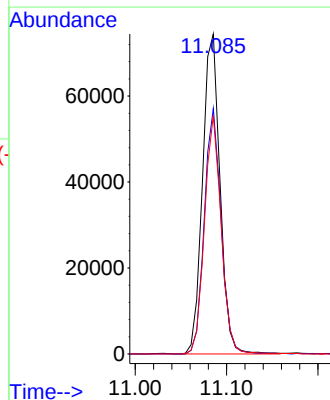
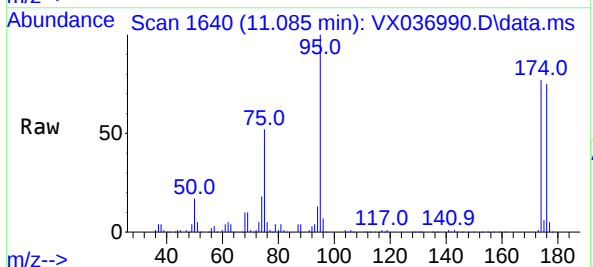
Instrument :
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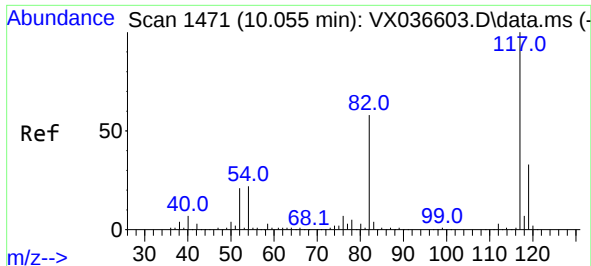
Tgt Ion: 98 Resp: 230115
Ion Ratio Lower Upper
98 100
100 66.8 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 56.022 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX036990.D
Acq: 15 Aug 2023 16:08

Tgt Ion: 95 Resp: 98794
Ion Ratio Lower Upper
95 100
174 73.7 0.0 135.6
176 71.2 0.0 131.0

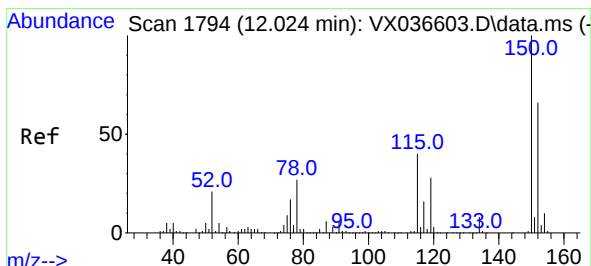
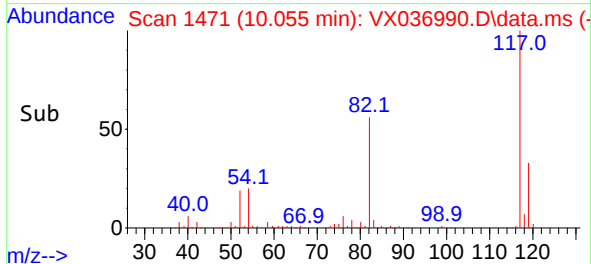
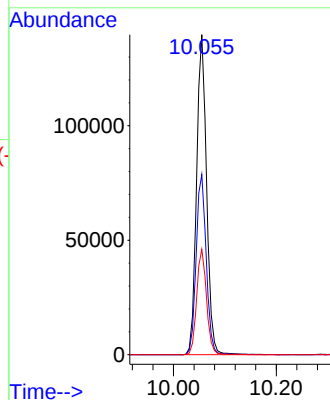
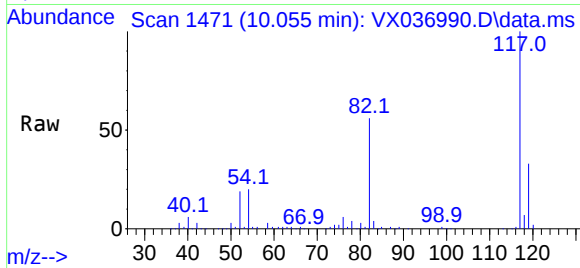




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036990.D
Acq: 15 Aug 2023 16:08

Instrument :
MSVOA_X
ClientSampleId :
B-PP24A

Tgt Ion:117 Resp: 189200
Ion Ratio Lower Upper
117 100
82 56.3 46.2 69.4
119 33.0 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: VX036990.D
Acq: 15 Aug 2023 16:08

Tgt Ion:152 Resp: 97399
Ion Ratio Lower Upper
152 100
115 63.3 43.3 129.9
150 157.2 0.0 345.0

