

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031622\
 Data File : VX027476.D
 Acq On : 16 Mar 2022 17:14
 Operator : JC/MD
 Sample : N1977-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-20220315

Quant Time: Mar 17 00:52:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 15:54:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	363003	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	637176	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	543283	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	250497	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	223700	52.845	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	105.680%
35) Dibromofluoromethane	5.391	113	195105	47.454	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.900%
50) Toluene-d8	8.653	98	700297	45.117	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	90.240%
62) 4-Bromofluorobenzene	11.085	95	261256	44.162	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	88.320%

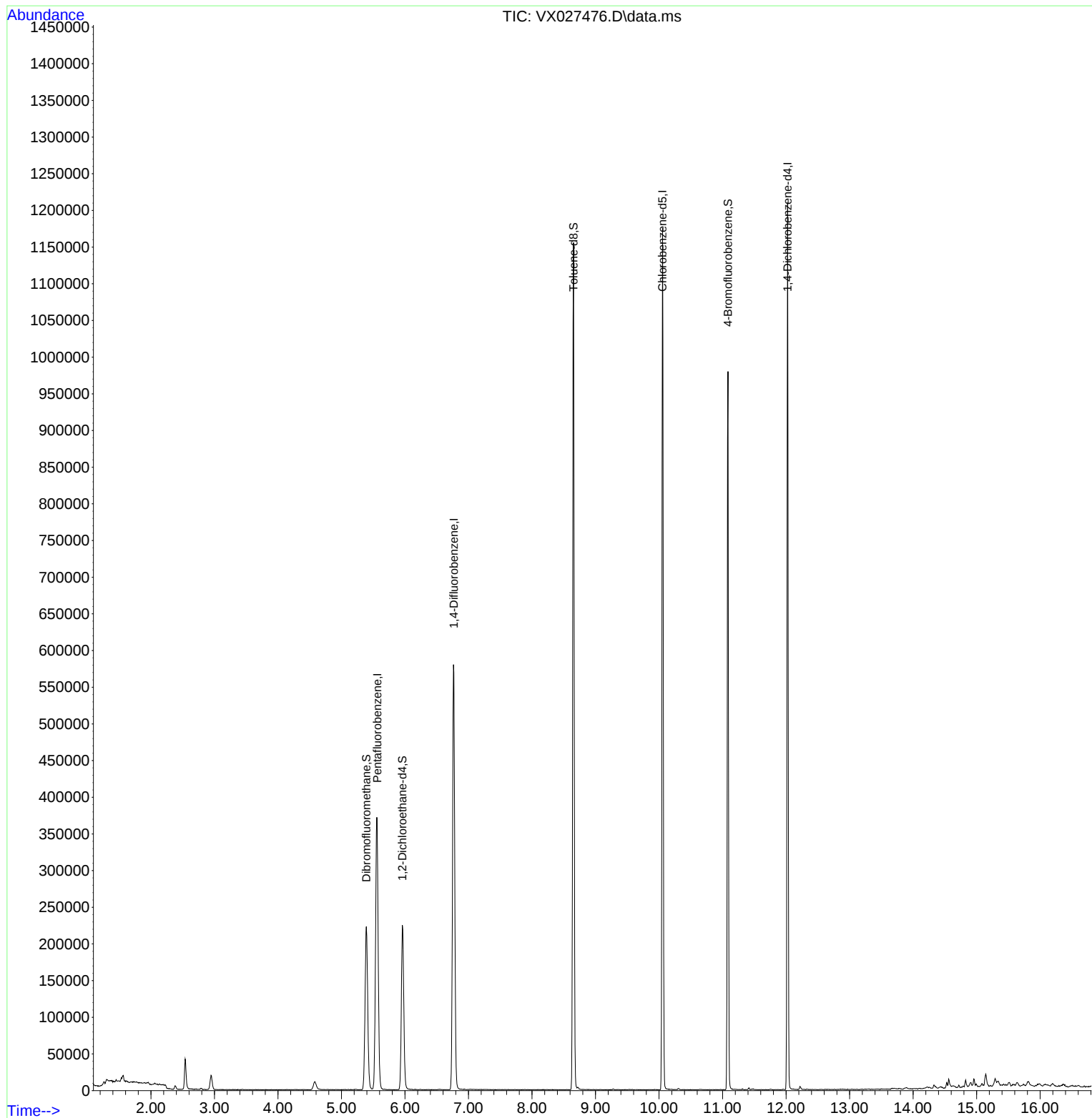
Target Compounds	Qvalue

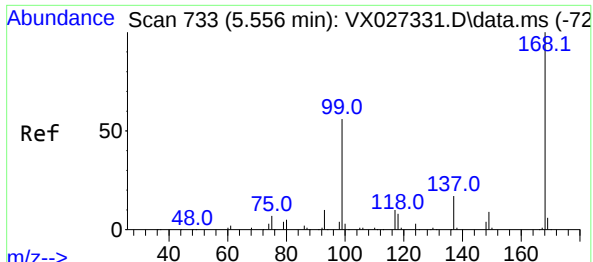
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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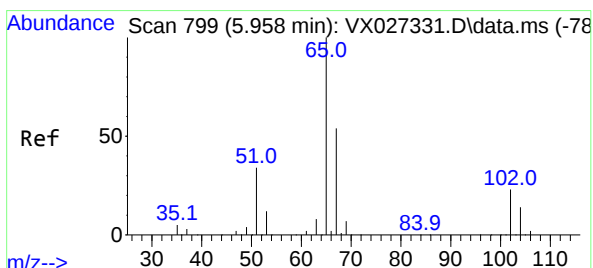
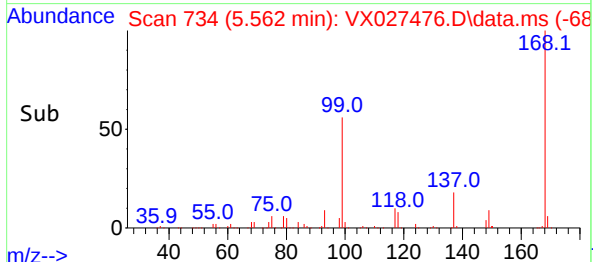
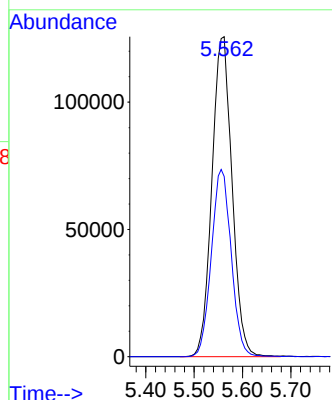
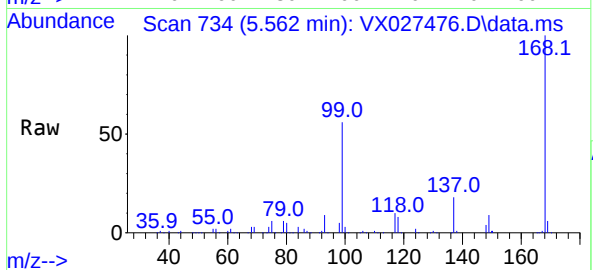




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX027476.D
Acq: 16 Mar 2022 17:14

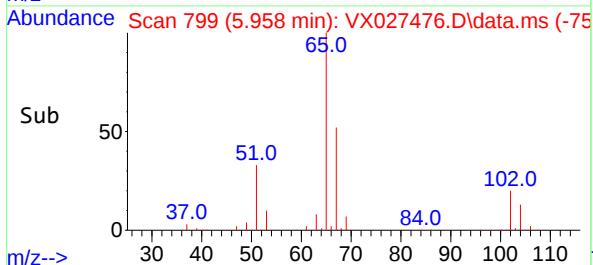
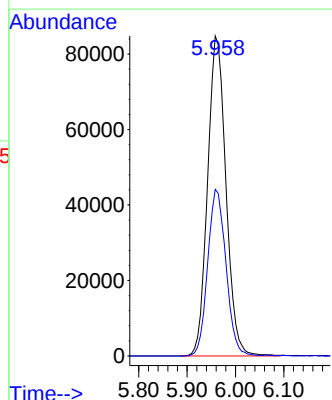
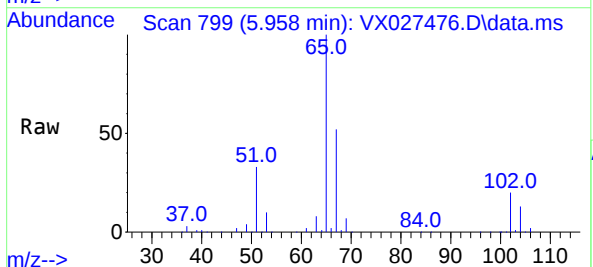
Instrument :
MSVOA_X
ClientSampleId :
TB-20220315

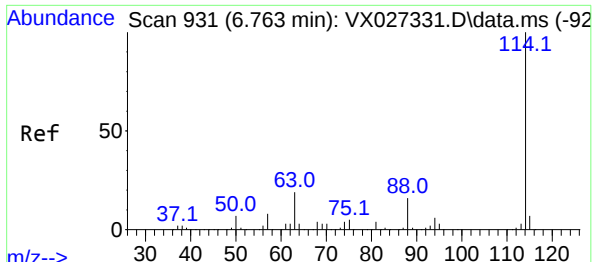
Tgt Ion:168 Resp: 363003
Ion Ratio Lower Upper
168 100
99 56.3 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 52.845 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027476.D
Acq: 16 Mar 2022 17:14

Tgt Ion: 65 Resp: 223700
Ion Ratio Lower Upper
65 100
67 51.8 0.0 107.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 91

Delta R.T. 0.006 min

Lab File: VX027476.D

Acq: 16 Mar 2022 17:14

Instrument :

MSVOA_X

ClientSampleId :

TB-20220315

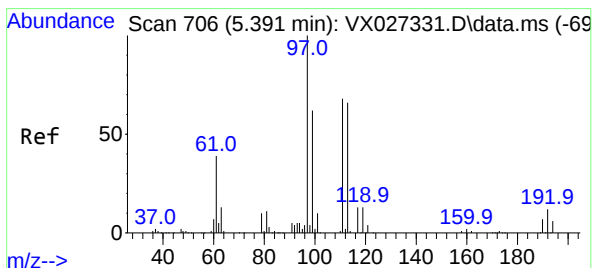
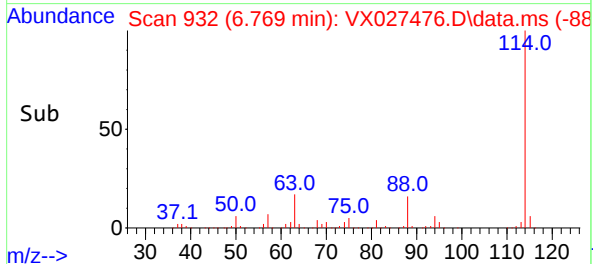
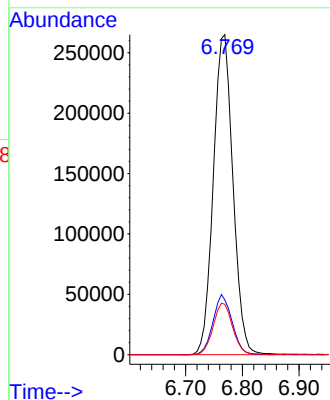
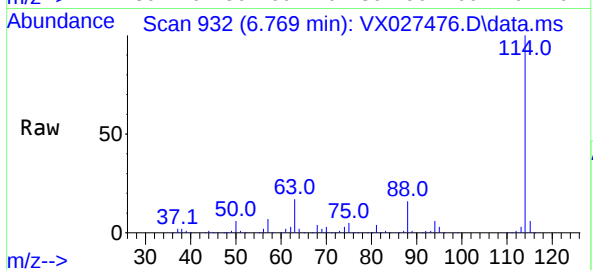
Tgt Ion:114 Resp: 637176

Ion Ratio Lower Upper

114 100

63 17.1 0.0 36.8

88 15.7 0.0 32.4



#35

Dibromofluoromethane

Concen: 47.454 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX027476.D

Acq: 16 Mar 2022 17:14

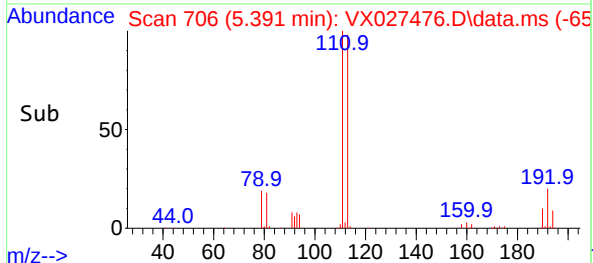
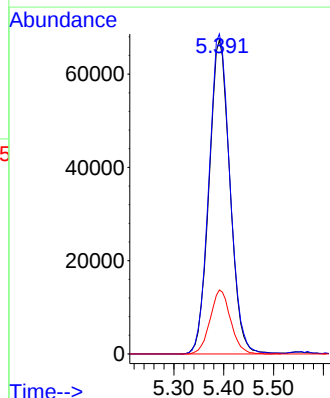
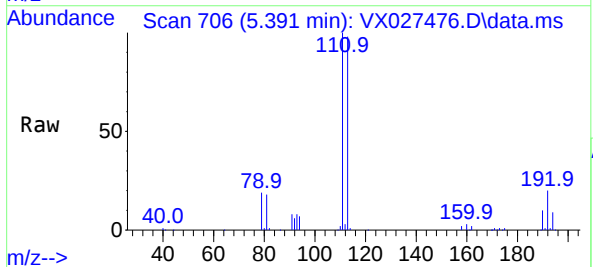
Tgt Ion:113 Resp: 195105

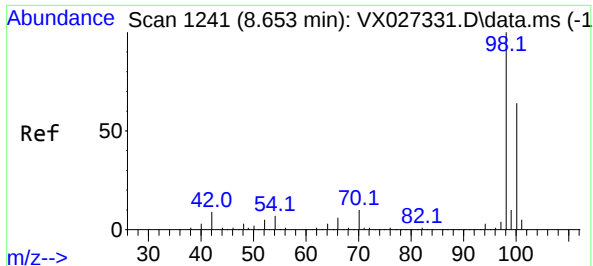
Ion Ratio Lower Upper

113 100

111 102.7 82.8 124.2

192 20.0 16.9 25.3





#50

Toluene-d8

Concen: 45.117 ug/l

RT: 8.653 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX027476.D

Acq: 16 Mar 2022 17:14

Instrument :

MSVOA_X

ClientSampleId :

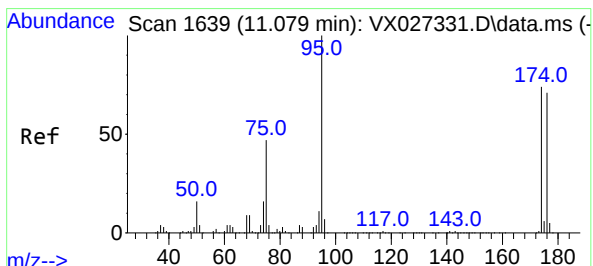
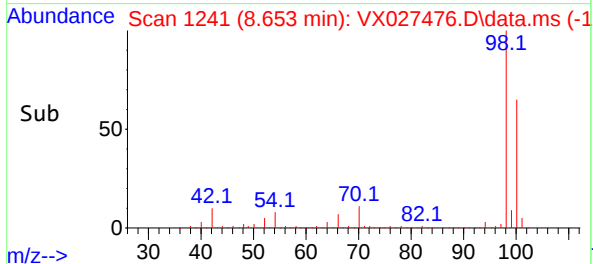
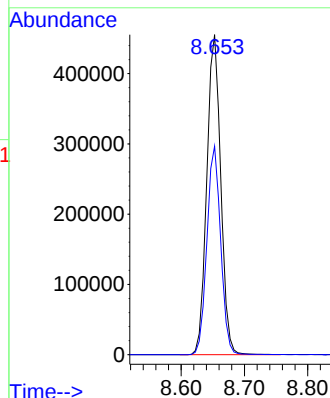
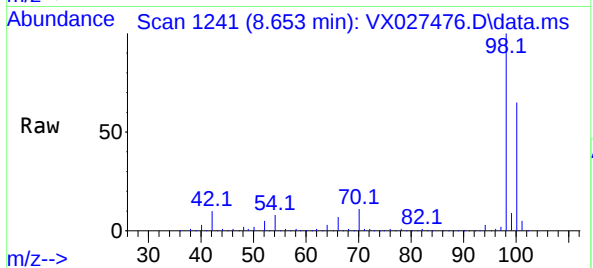
TB-20220315

Tgt Ion: 98 Resp: 700297

Ion Ratio Lower Upper

98 100

100 64.1 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 44.162 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.006 min

Lab File: VX027476.D

Acq: 16 Mar 2022 17:14

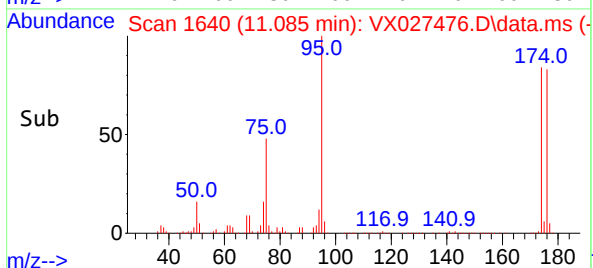
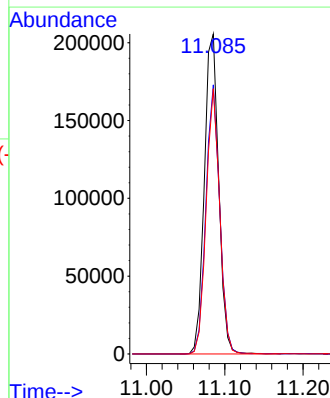
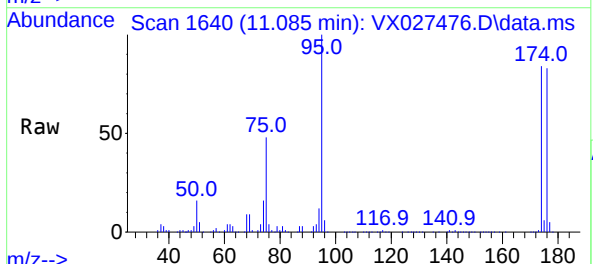
Tgt Ion: 95 Resp: 261256

Ion Ratio Lower Upper

95 100

174 80.7 0.0 163.0

176 78.3 0.0 155.0

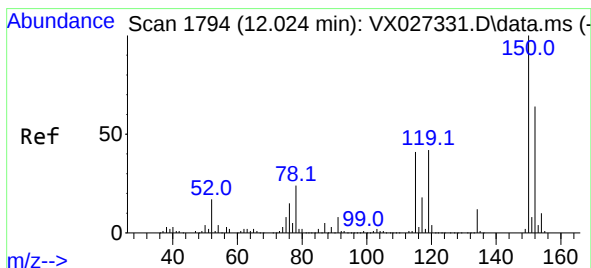
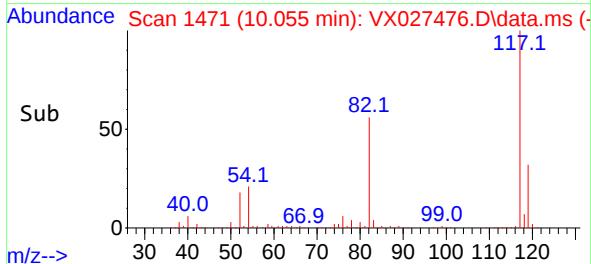
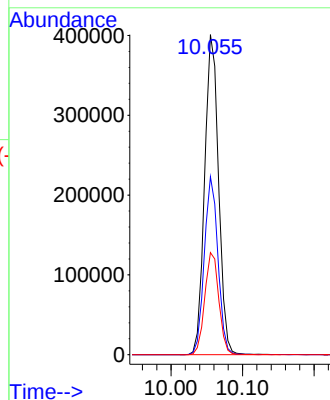
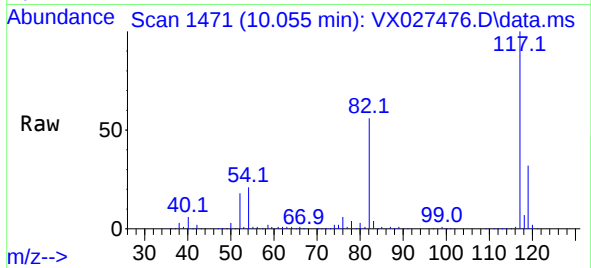




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027476.D
Acq: 16 Mar 2022 17:14

Instrument :
MSVOA_X
ClientSampleId :
TB-20220315

Tgt Ion:117 Resp: 543283
Ion Ratio Lower Upper
117 100
82 55.6 41.8 62.8
119 31.9 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027476.D
Acq: 16 Mar 2022 17:14

Tgt Ion:152 Resp: 250497
Ion Ratio Lower Upper
152 100
115 59.7 37.5 112.7
150 155.3 0.0 338.2

