

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021122\
 Data File : VX026960.D
 Acq On : 11 Feb 2022 12:31
 Operator : JC/MD
 Sample : VX0211MBL01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0211MBL01

Quant Time: Feb 12 04:26:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	119880	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	198835	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	181118	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77008	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	75647	52.568	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 105.140%	
35) Dibromofluoromethane	5.385	113	62038	52.370	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.740%	
50) Toluene-d8	8.647	98	232899	53.560	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 107.120%	
62) 4-Bromofluorobenzene	11.079	95	85105	55.590	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 111.180%	

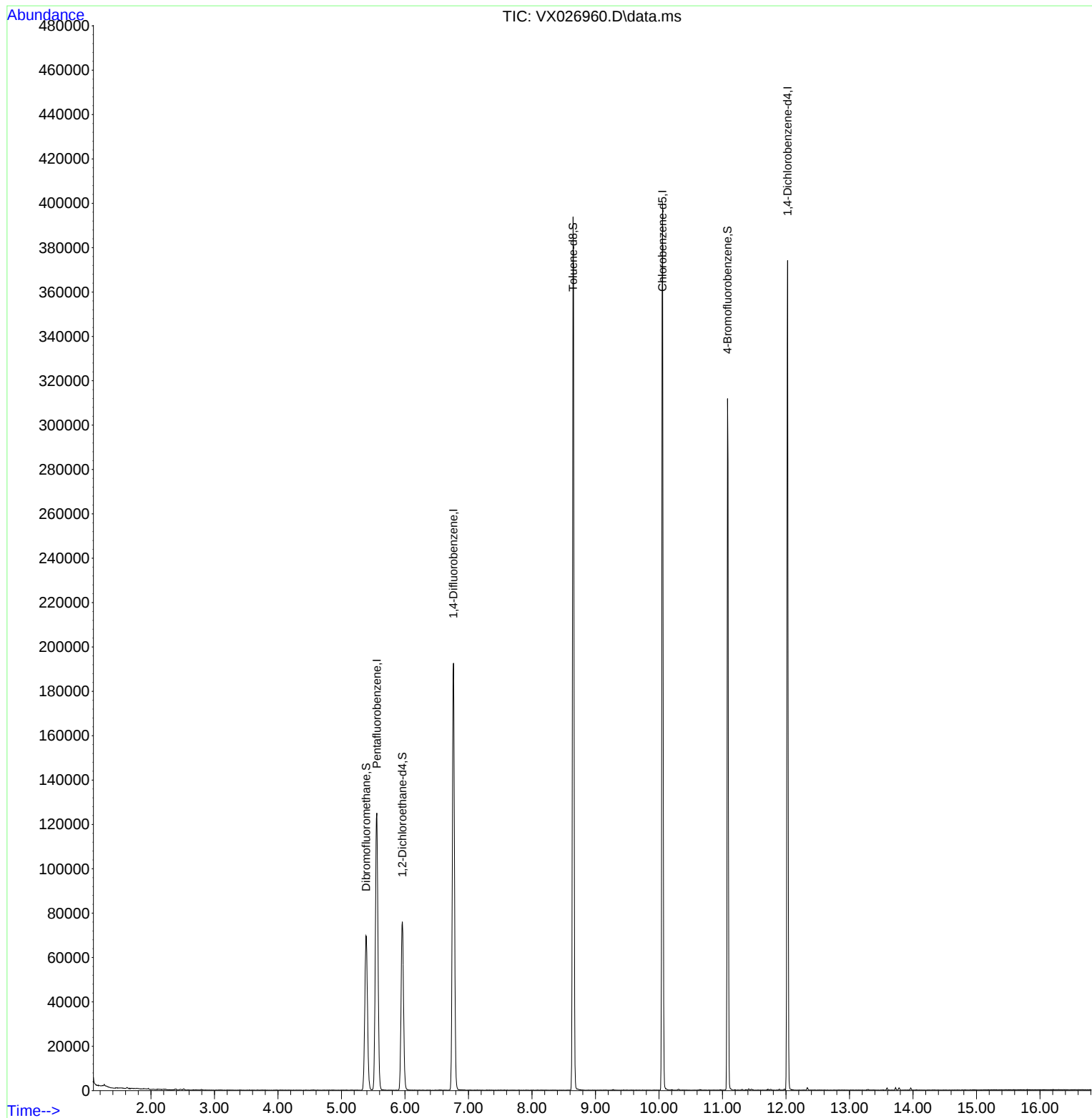
Target Compounds	Qvalue

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

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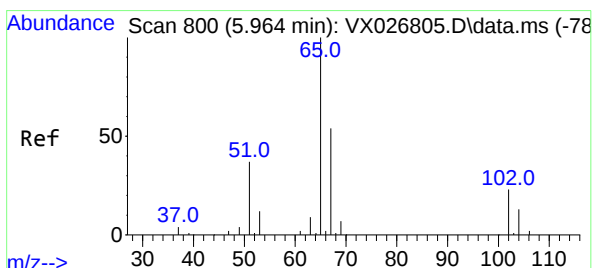
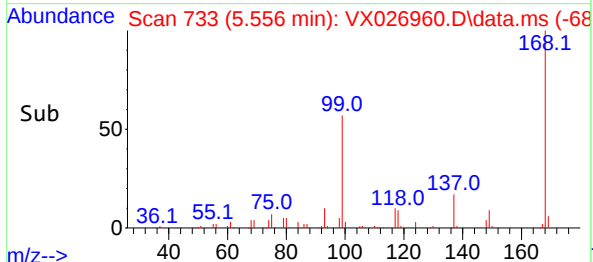
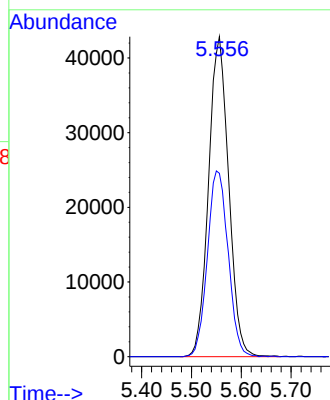
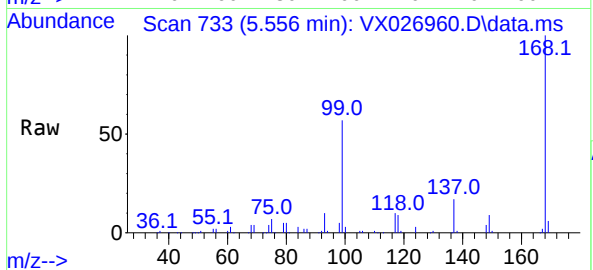




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX026960.D
Acq: 11 Feb 2022 12:31

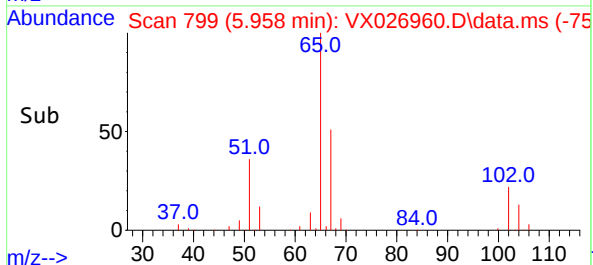
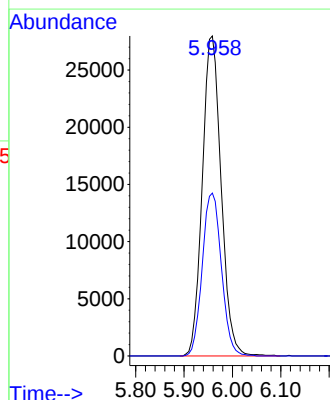
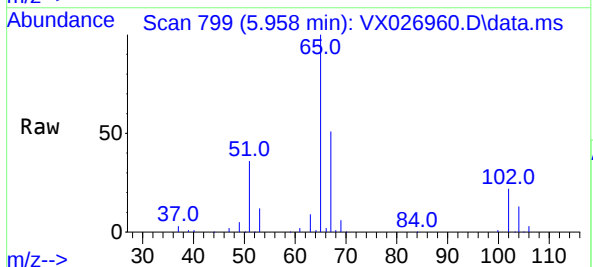
Instrument :
MSVOA_X
ClientSampleId :
VX0211MBL01

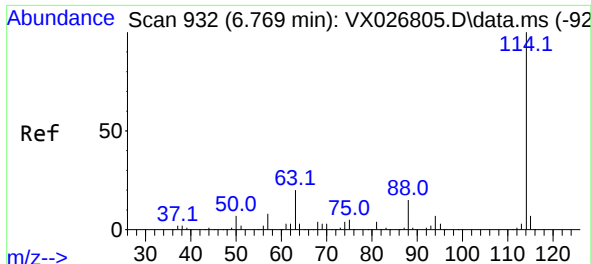
Tgt Ion:168 Resp: 119880
Ion Ratio Lower Upper
168 100
99 57.3 50.3 75.5



#33
1,2-Dichloroethane-d4
Concen: 52.568 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX026960.D
Acq: 11 Feb 2022 12:31

Tgt Ion: 65 Resp: 75647
Ion Ratio Lower Upper
65 100
67 51.7 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX026960.D

Acq: 11 Feb 2022 12:31

Instrument :

MSVOA_X

ClientSampleId :

VX0211MBL01

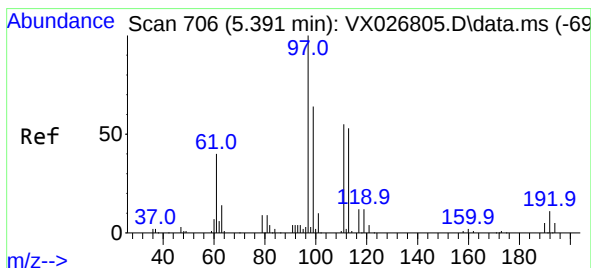
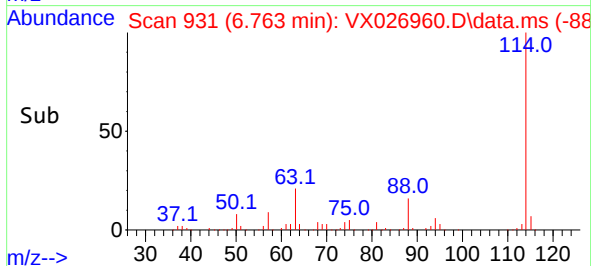
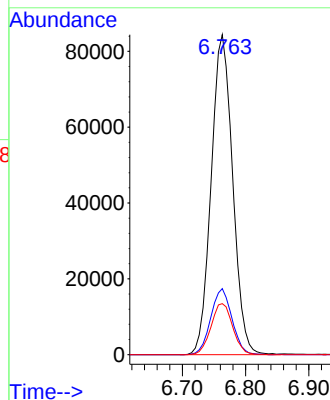
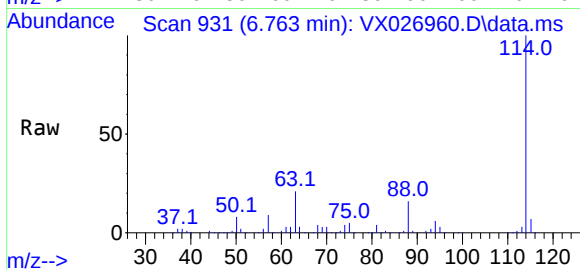
Tgt Ion:114 Resp: 198835

Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.8

88 16.0 0.0 33.0



#35

Dibromofluoromethane

Concen: 52.370 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX026960.D

Acq: 11 Feb 2022 12:31

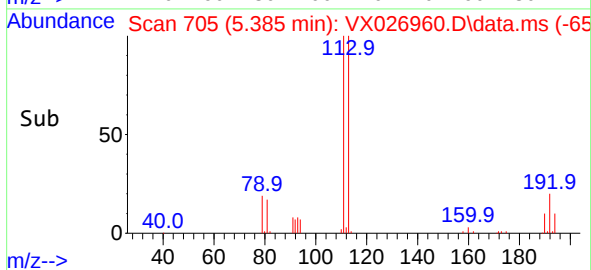
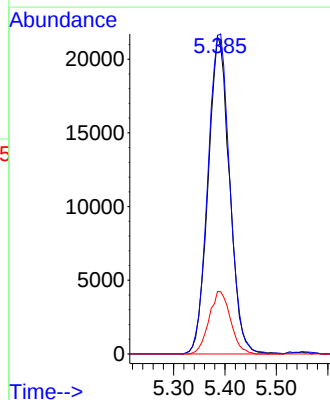
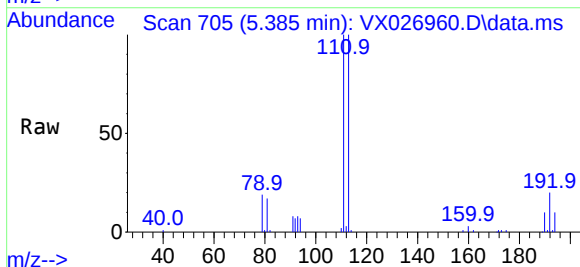
Tgt Ion:113 Resp: 62038

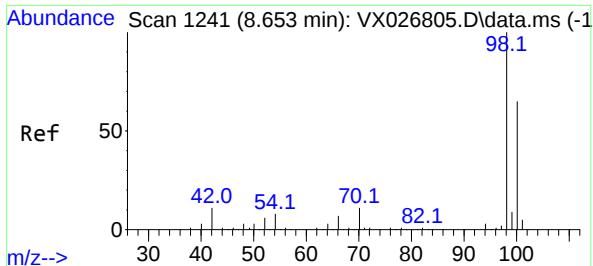
Ion Ratio Lower Upper

113 100

111 103.4 81.2 121.8

192 19.8 15.0 22.4





#50

Toluene-d8

Concen: 53.560 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX026960.D

Acq: 11 Feb 2022 12:31

Instrument :

MSVOA_X

ClientSampleId :

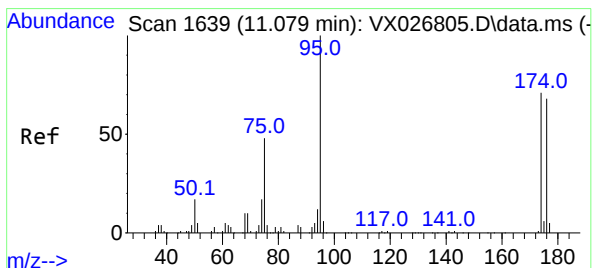
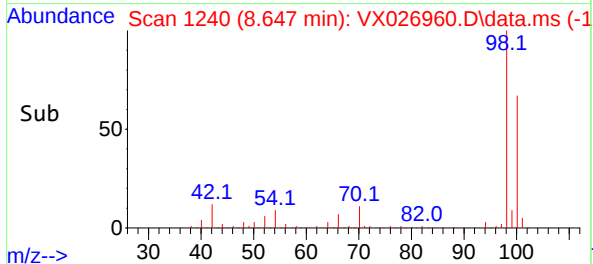
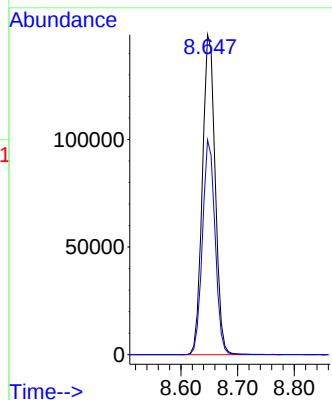
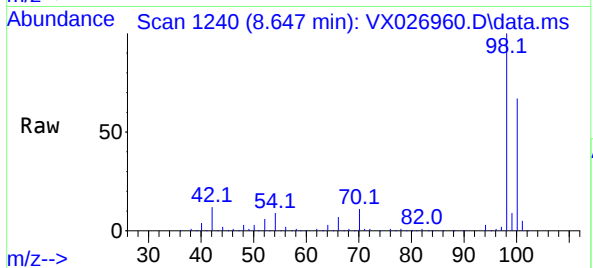
VX0211MBL01

Tgt Ion: 98 Resp: 232899

Ion Ratio Lower Upper

98 100

100 66.2 53.2 79.8



#62

4-Bromofluorobenzene

Concen: 55.590 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX026960.D

Acq: 11 Feb 2022 12:31

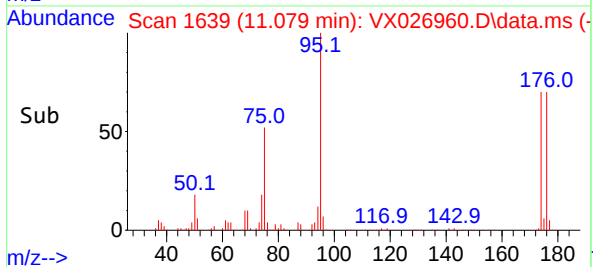
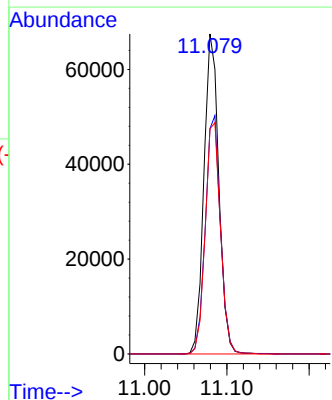
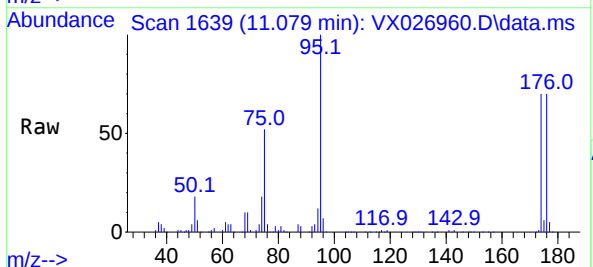
Tgt Ion: 95 Resp: 85105

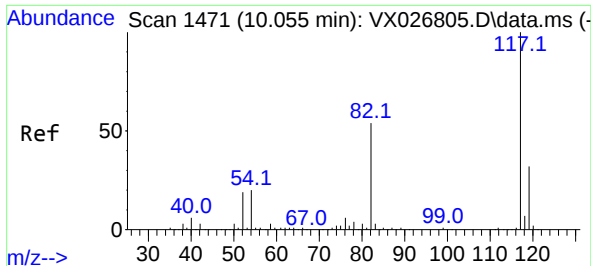
Ion Ratio Lower Upper

95 100

174 75.2 0.0 148.6

176 73.9 0.0 141.4

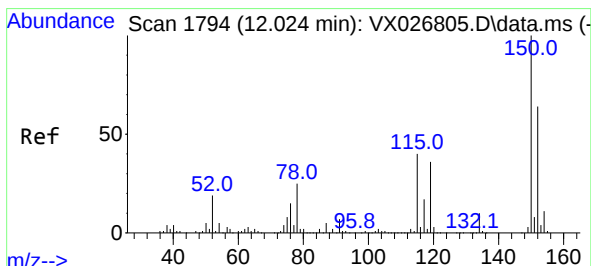
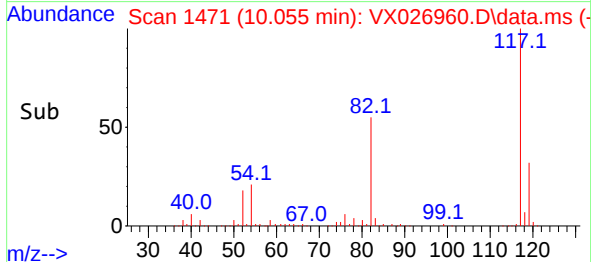
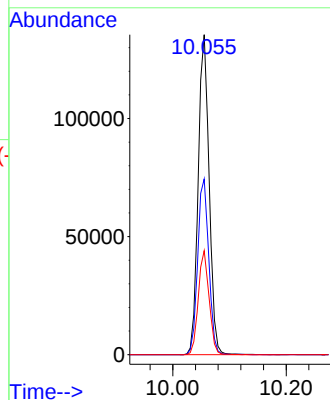
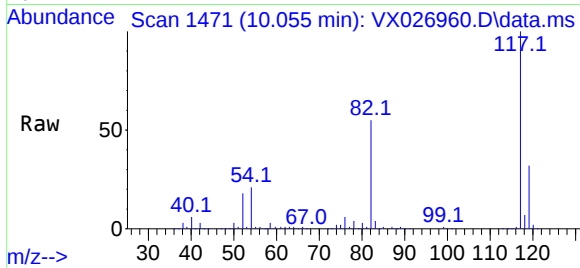




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026960.D
Acq: 11 Feb 2022 12:31

Instrument :
MSVOA_X
ClientSampleId :
VX0211MBL01

Tgt Ion:117 Resp: 181118
Ion Ratio Lower Upper
117 100
82 54.9 45.2 67.8
119 32.5 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026960.D
Acq: 11 Feb 2022 12:31

Tgt Ion:152 Resp: 77008
Ion Ratio Lower Upper
152 100
115 60.1 44.2 132.6
150 156.4 0.0 348.2

