

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090222\
 Data File : VX031071.D
 Acq On : 02 Sep 2022 16:49
 Operator : JC/MD
 Sample : N4433-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB

Quant Time: Sep 02 17:39:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090122W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 02:49:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	204035	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	330460	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	289580	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	126767	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	125211	47.694	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.380%
35) Dibromofluoromethane	5.391	113	121048	50.194	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.380%
50) Toluene-d8	8.653	98	435859	49.108	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.220%
62) 4-Bromofluorobenzene	11.085	95	144638	46.139	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.280%

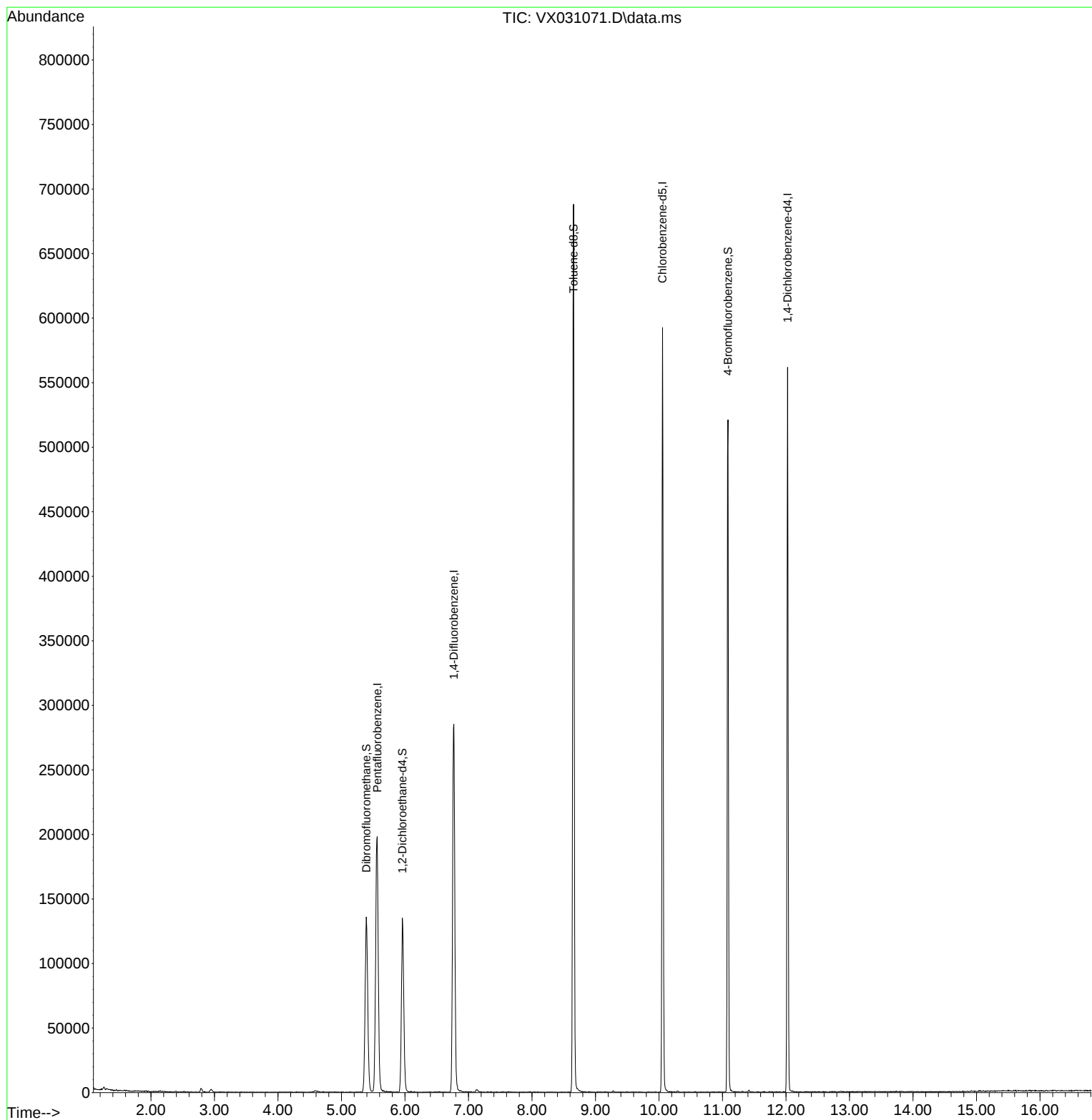
Target Compounds	Qvalue

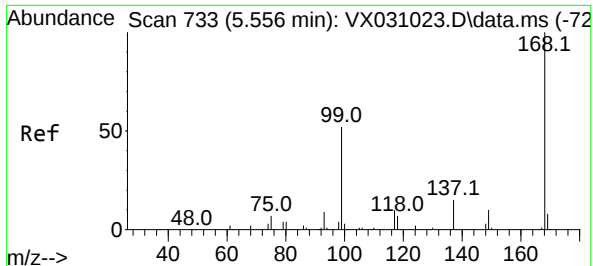
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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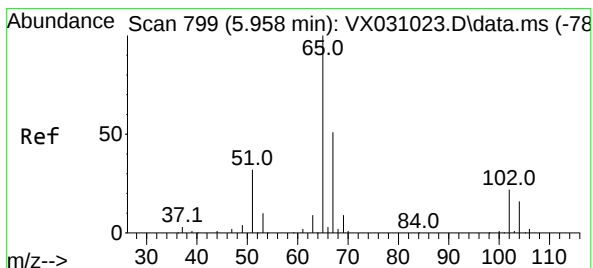
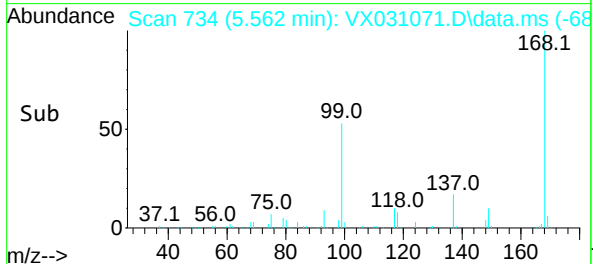
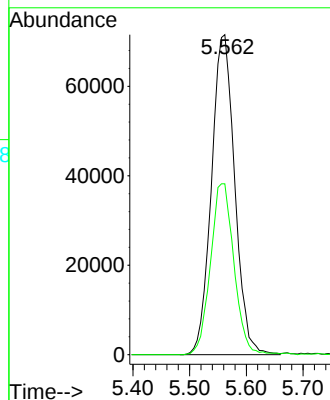
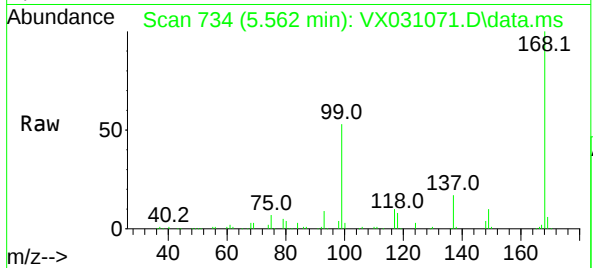




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX031071.D
Acq: 02 Sep 2022 16:49

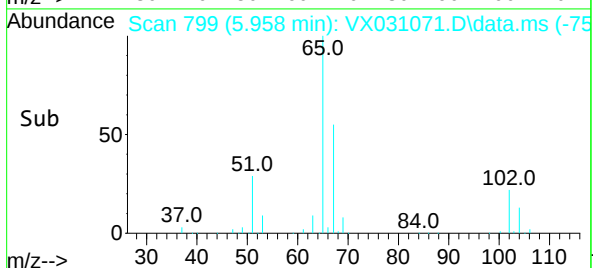
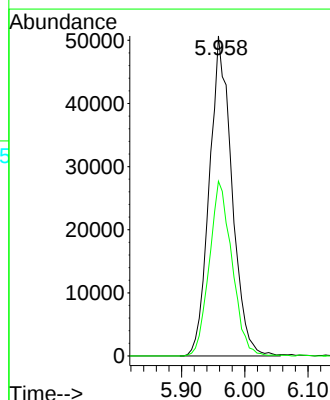
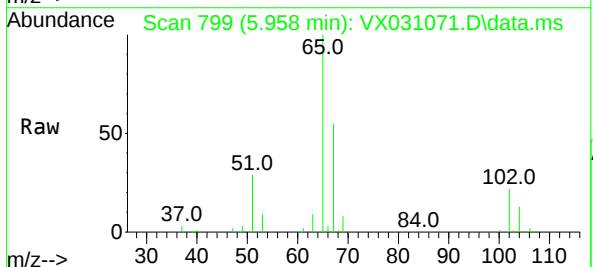
Instrument :
MSVOA_X
ClientSampleId :
TB

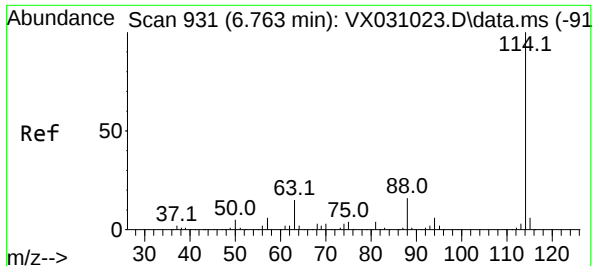
Tgt Ion:168 Resp: 204035
Ion Ratio Lower Upper
168 100
99 53.4 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 47.694 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031071.D
Acq: 02 Sep 2022 16:49

Tgt Ion: 65 Resp: 125211
Ion Ratio Lower Upper
65 100
67 55.1 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX031071.D

Acq: 02 Sep 2022 16:49

Instrument :

MSVOA_X

ClientSampleId :

TB

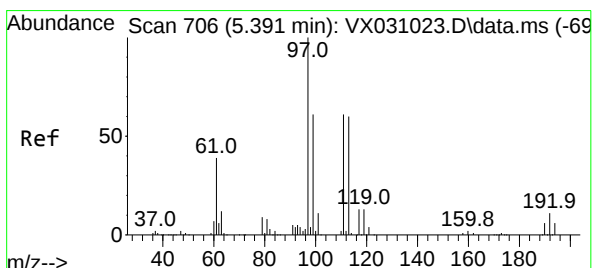
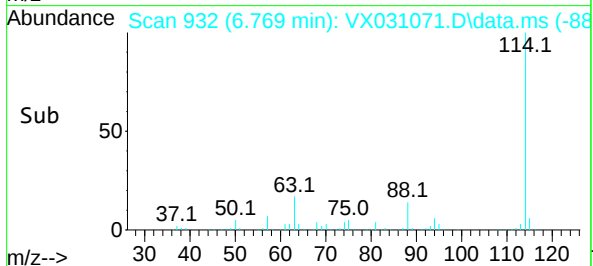
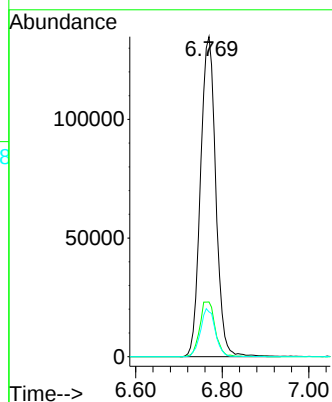
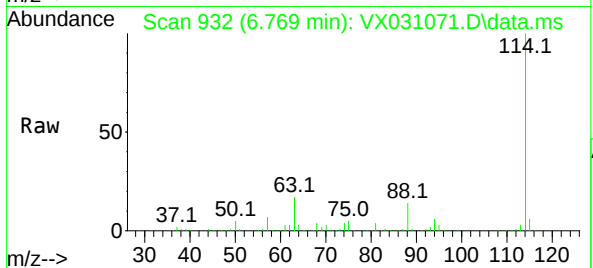
Tgt Ion:114 Resp: 330460

Ion Ratio Lower Upper

114 100

63 17.1 0.0 38.4

88 14.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.194 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX031071.D

Acq: 02 Sep 2022 16:49

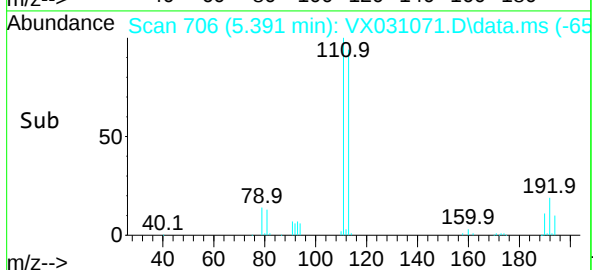
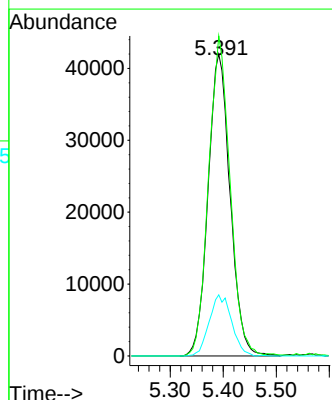
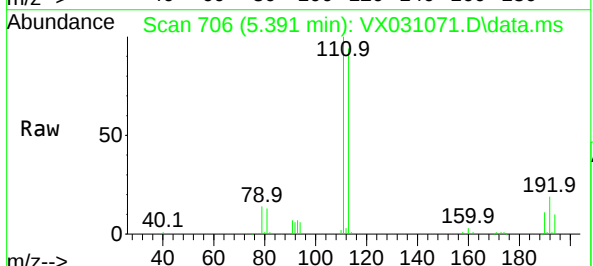
Tgt Ion:113 Resp: 121048

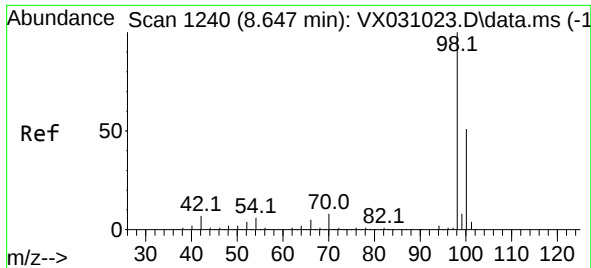
Ion Ratio Lower Upper

113 100

111 103.2 83.2 124.8

192 20.6 14.8 22.2

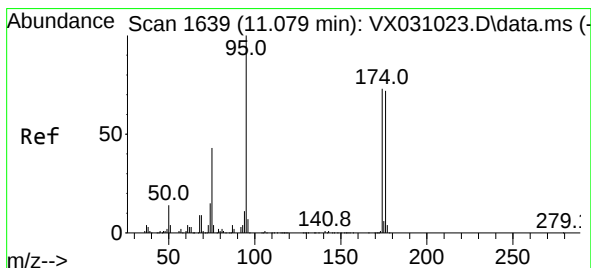
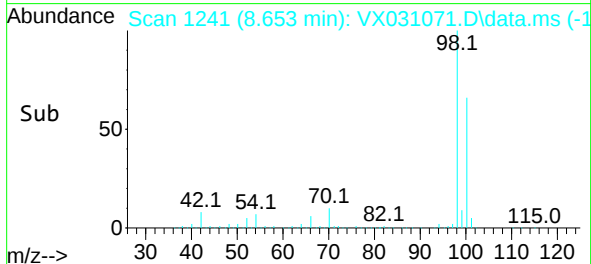
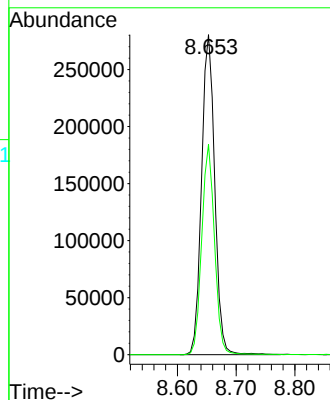
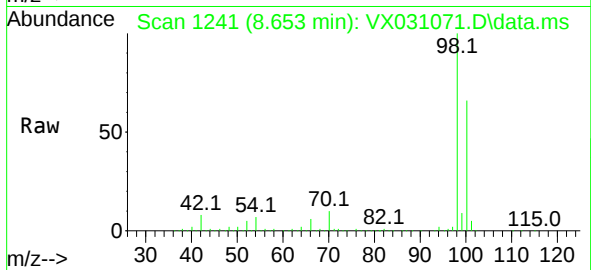




#50
Toluene-d8
Concen: 49.108 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031071.D
Acq: 02 Sep 2022 16:49

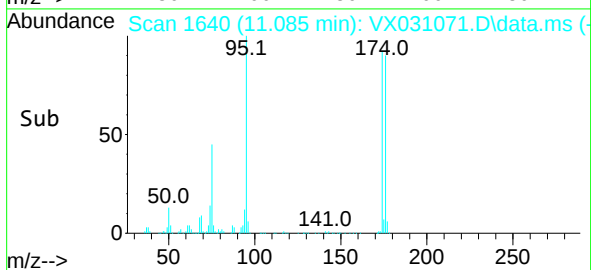
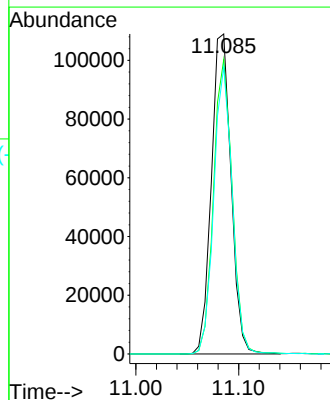
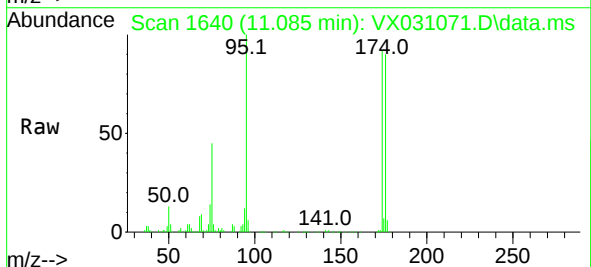
Instrument :
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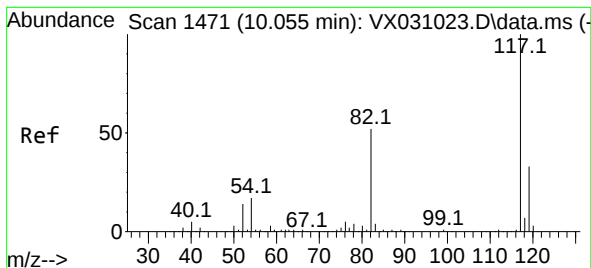
Tgt Ion: 98 Resp: 435859
Ion Ratio Lower Upper
98 100
100 63.9 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 46.139 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX031071.D
Acq: 02 Sep 2022 16:49

Tgt Ion: 95 Resp: 144638
Ion Ratio Lower Upper
95 100
174 87.4 0.0 149.0
176 84.5 0.0 146.0

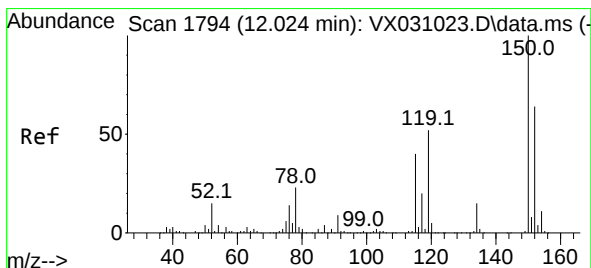
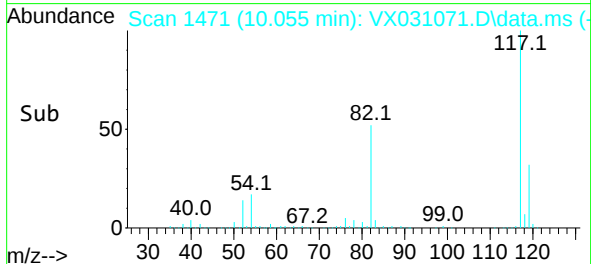
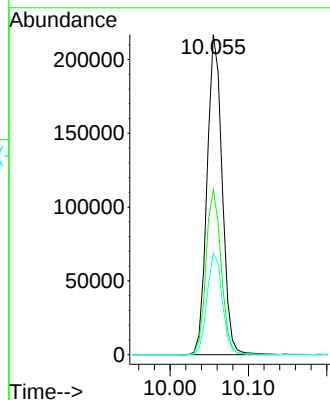
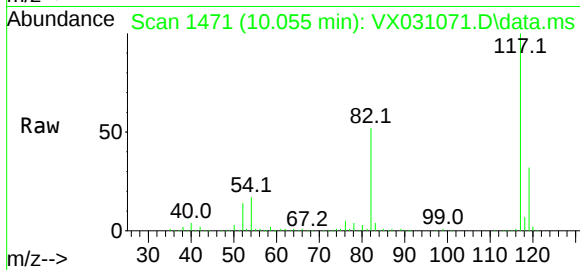




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031071.D
Acq: 02 Sep 2022 16:49

Instrument :
MSVOA_X
ClientSampleId :
TB

Tgt Ion:117 Resp: 289580
Ion Ratio Lower Upper
117 100
82 51.8 42.7 64.1
119 31.7 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031071.D
Acq: 02 Sep 2022 16:49

Tgt Ion:152 Resp: 126767
Ion Ratio Lower Upper
152 100
115 57.8 40.5 121.5
150 156.4 0.0 347.0

