

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021424\
 Data File : VY017379.D
 Acq On : 14 Feb 2024 13:10
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Feb 15 02:20:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021424S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 15 01:05:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	91681	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.697	114	180071	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.496	117	157566	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	56590	50.000	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	43191	44.396	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.800%
35) Dibromofluoromethane	7.722	113	44625	38.870	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	77.740%
50) Toluene-d8	10.185	98	159792	35.920	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	71.840%
62) 4-Bromofluorobenzene	12.483	95	44631	32.727	ug/l	-0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	65.460%

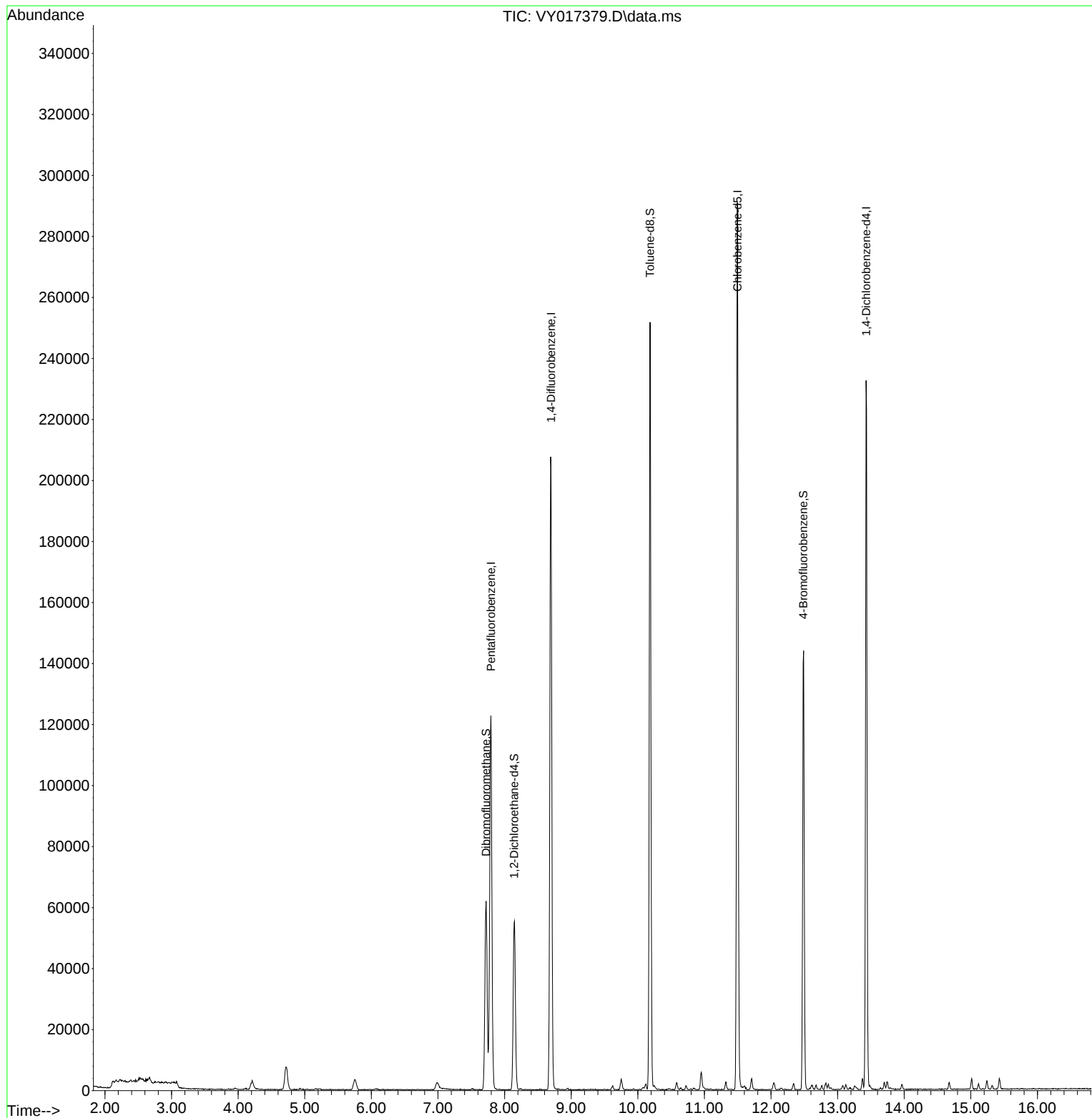
Target Compounds	Qvalue

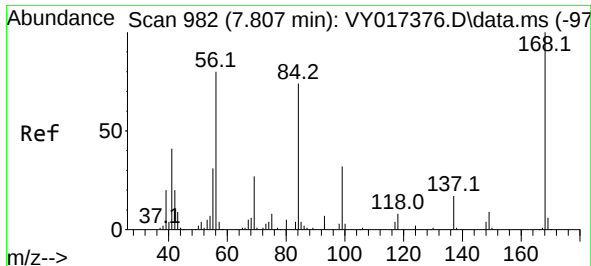
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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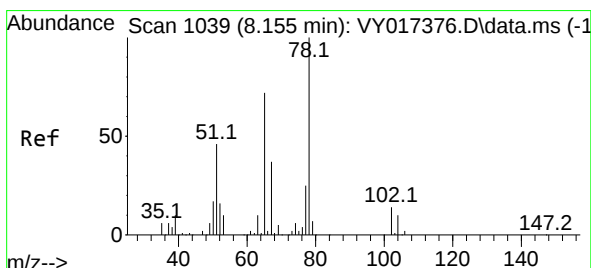
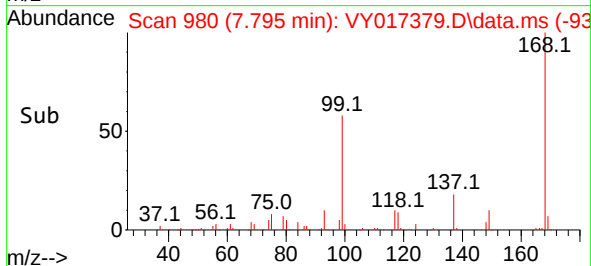
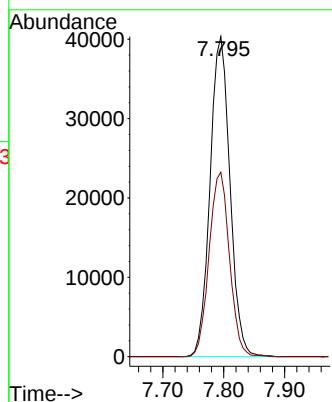
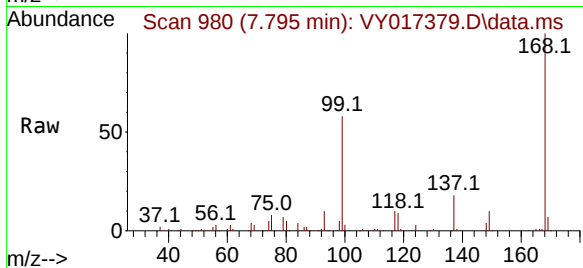




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY017379.D
Acq: 14 Feb 2024 13:10

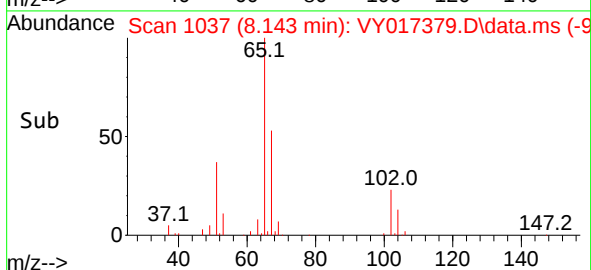
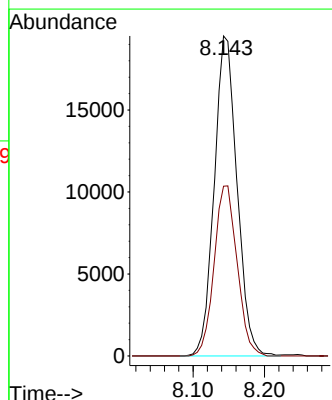
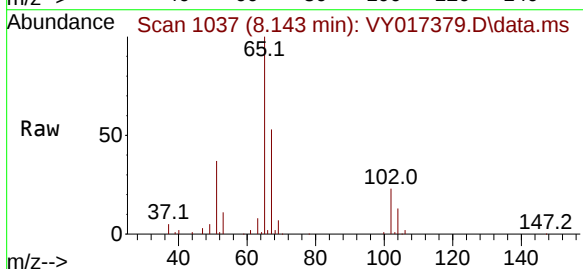
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

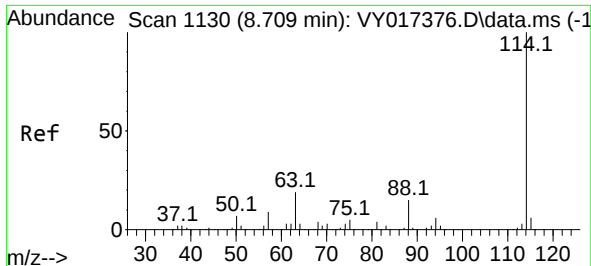
Tgt Ion:168 Resp: 91681
Ion Ratio Lower Upper
168 100
99 57.6 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 44.396 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.012 min
Lab File: VY017379.D
Acq: 14 Feb 2024 13:10

Tgt Ion: 65 Resp: 43191
Ion Ratio Lower Upper
65 100
67 53.5 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1130

Delta R.T. -0.012 min

Lab File: VY017379.D

Acq: 14 Feb 2024 13:10

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

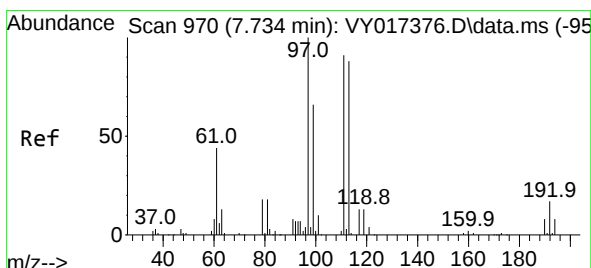
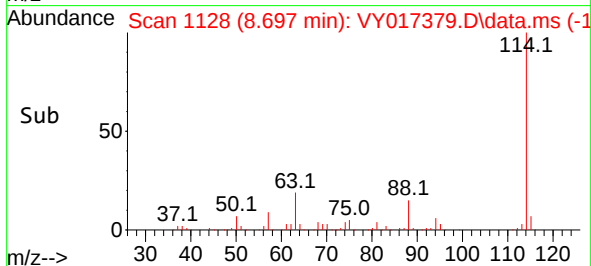
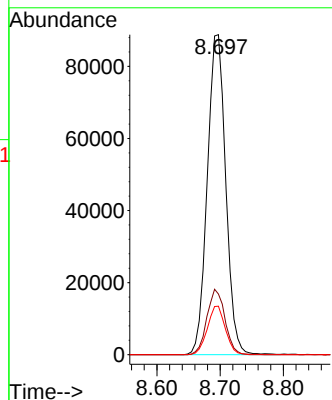
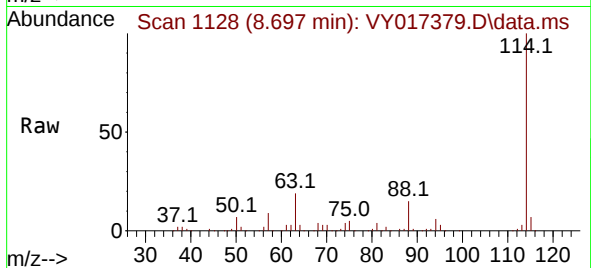
Tgt Ion:114 Resp: 180071

Ion Ratio Lower Upper

114 100

63 18.9 0.0 37.4

88 15.2 0.0 29.0



#35

Dibromofluoromethane

Concen: 38.870 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.012 min

Lab File: VY017379.D

Acq: 14 Feb 2024 13:10

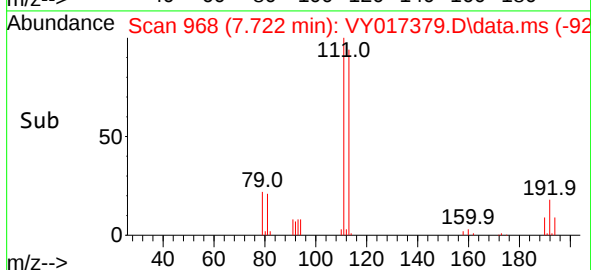
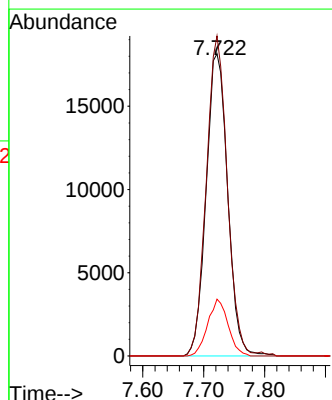
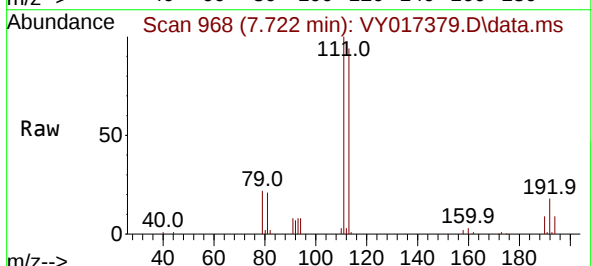
Tgt Ion:113 Resp: 44625

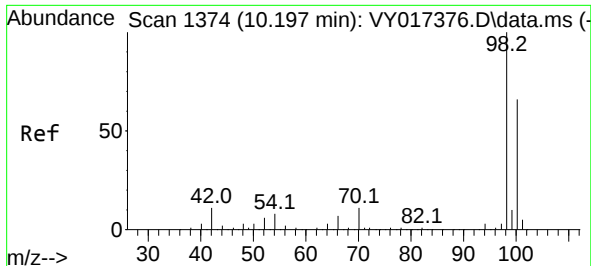
Ion Ratio Lower Upper

113 100

111 102.8 83.8 125.6

192 17.8 14.5 21.7

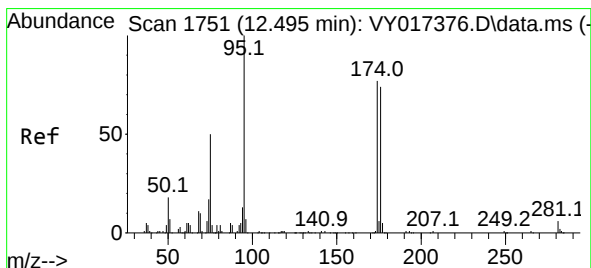
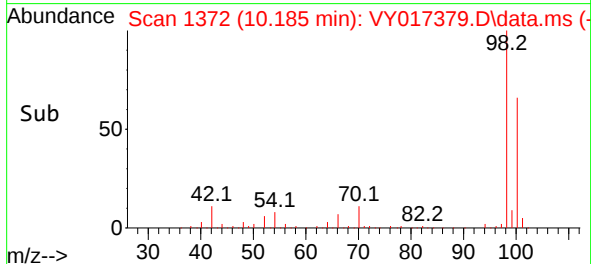
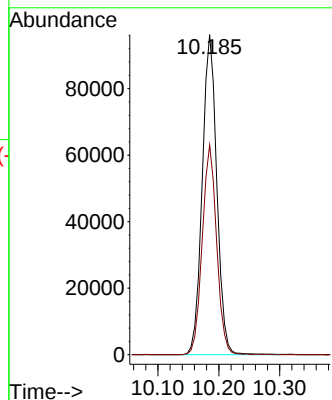
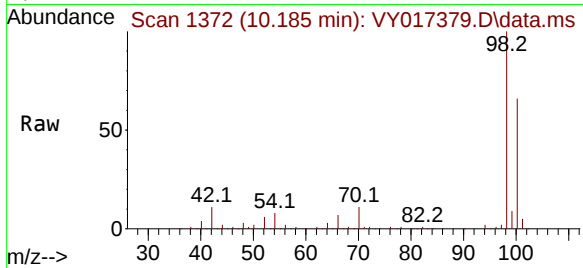




#50
Toluene-d8
Concen: 35.920 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY017379.D
Acq: 14 Feb 2024 13:10

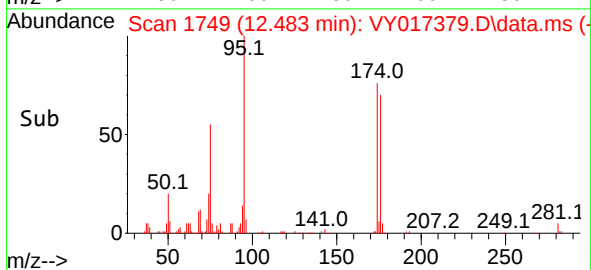
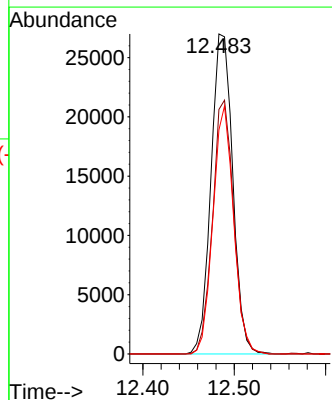
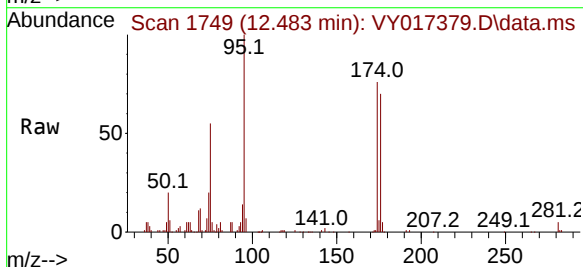
Instrument :
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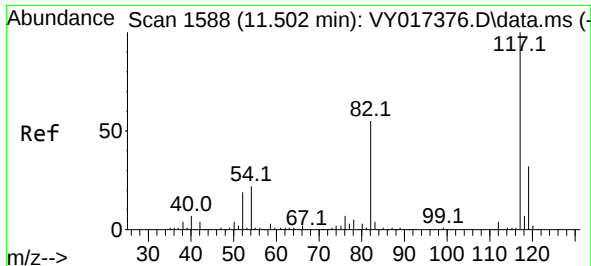
Tgt Ion: 98 Resp: 159792
Ion Ratio Lower Upper
98 100
100 64.7 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 32.727 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.012 min
Lab File: VY017379.D
Acq: 14 Feb 2024 13:10

Tgt Ion: 95 Resp: 44631
Ion Ratio Lower Upper
95 100
174 77.1 0.0 160.0
176 73.4 0.0 151.8

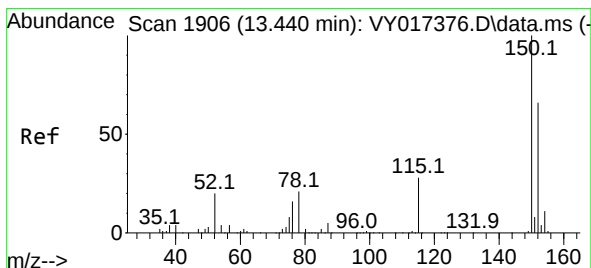
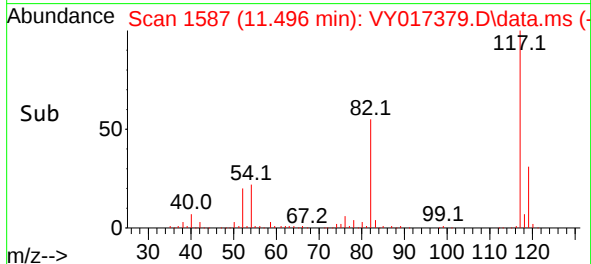
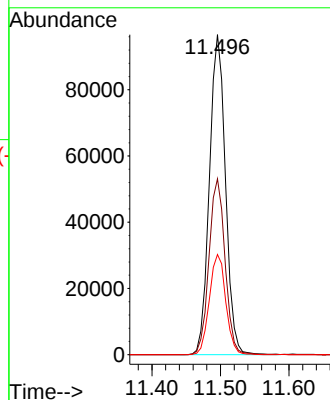
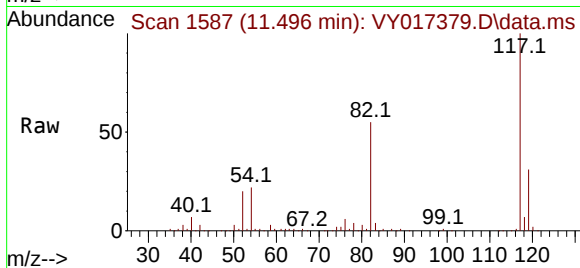




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY017379.D
Acq: 14 Feb 2024 13:10

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 157566
Ion Ratio Lower Upper
117 100
82 55.0 43.8 65.8
119 31.3 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.012 min
Lab File: VY017379.D
Acq: 14 Feb 2024 13:10

Tgt Ion:152 Resp: 56590
Ion Ratio Lower Upper
152 100
115 59.7 30.0 90.0
150 158.5 0.0 344.6

