

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040924\
 Data File : VY017884.D
 Acq On : 09 Apr 2024 10:49
 Operator : SY/MD
 Sample : VY0409SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0409SBL01

Quant Time: Apr 10 04:22:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:58:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	141512	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	256696	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	219515	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	81369	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	68613	56.031	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.060%
35) Dibromofluoromethane	7.716	113	78115	52.663	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.320%
50) Toluene-d8	10.179	98	296506	53.513	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	107.020%
62) 4-Bromofluorobenzene	12.483	95	77011	45.683	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.360%

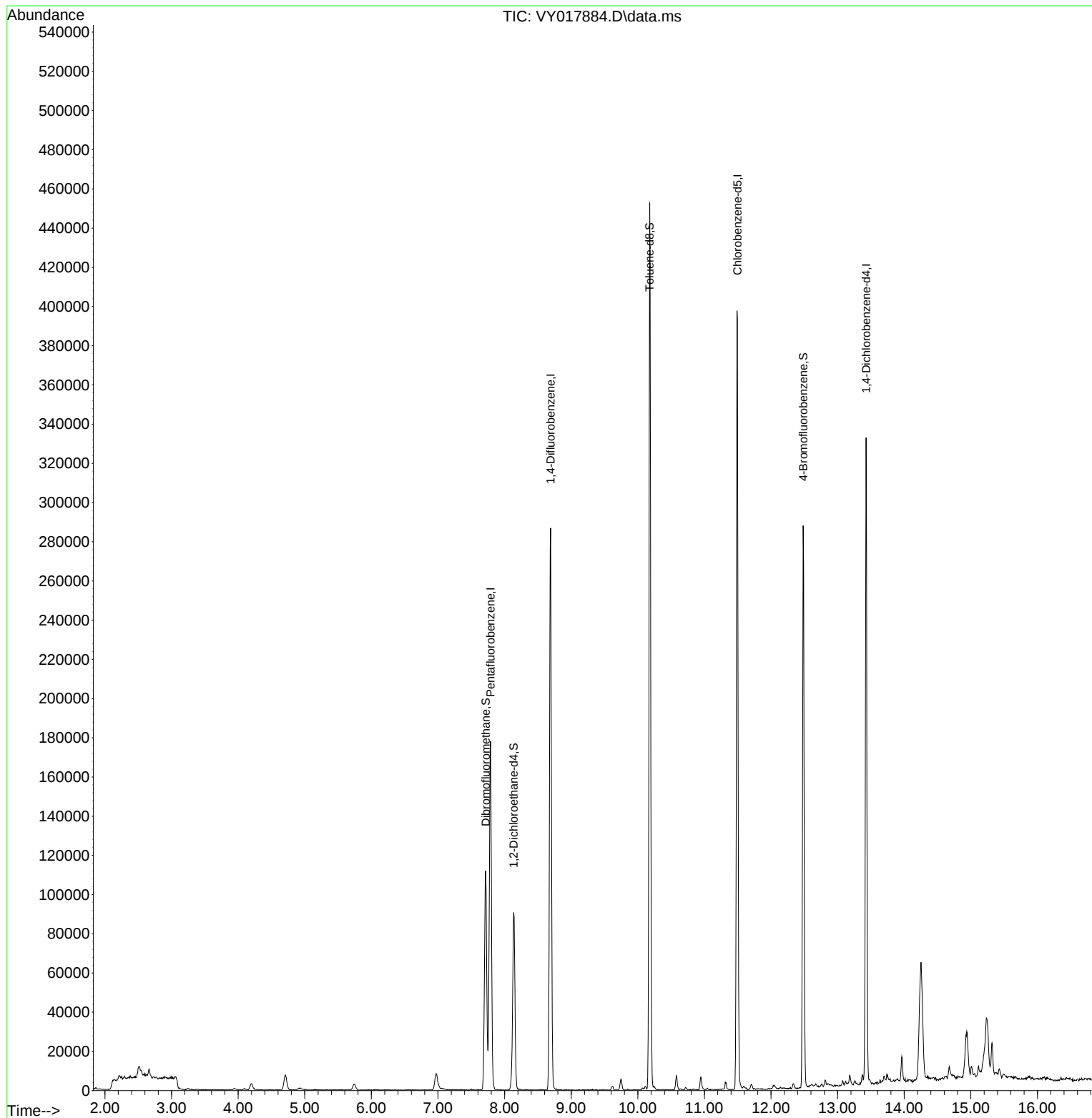
Target Compounds	Qvalue

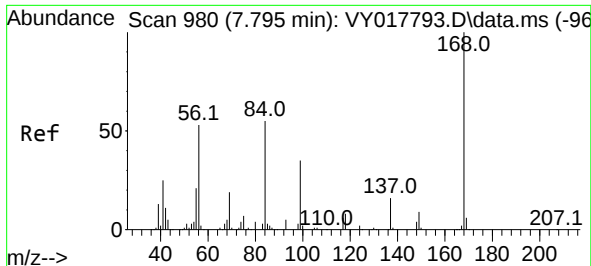
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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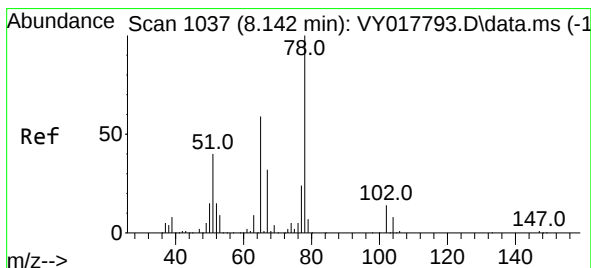
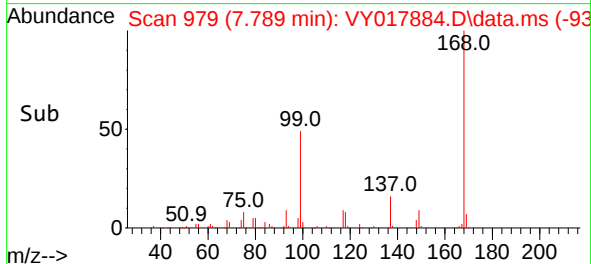
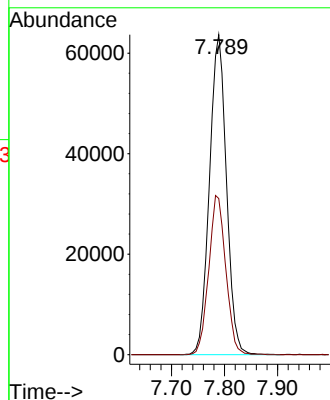
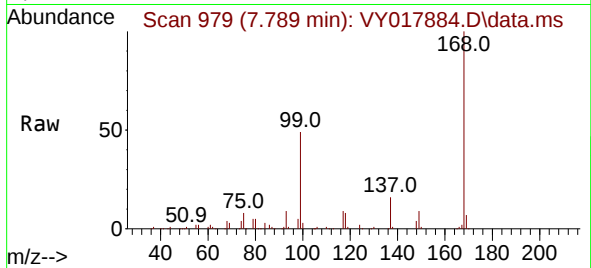




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017884.D
Acq: 09 Apr 2024 10:49

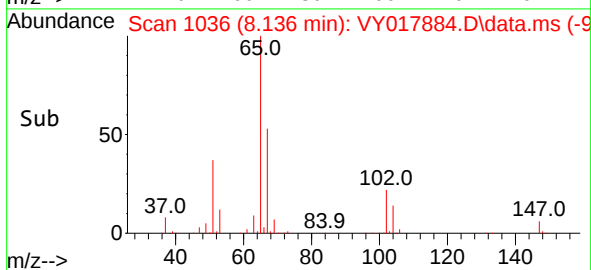
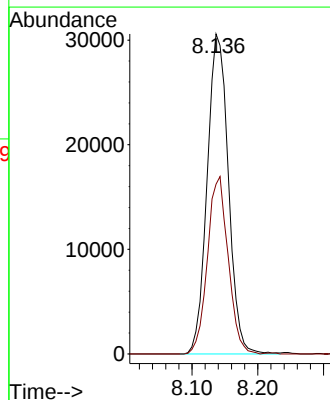
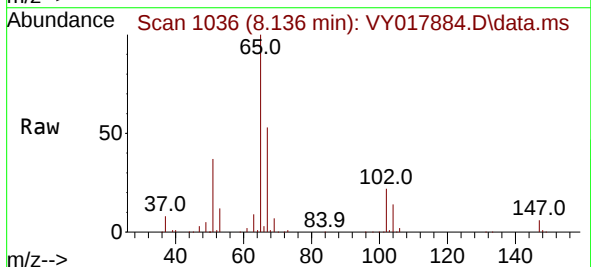
Instrument :
MSVOA_Y
ClientSampleId :
VY0409SBL01

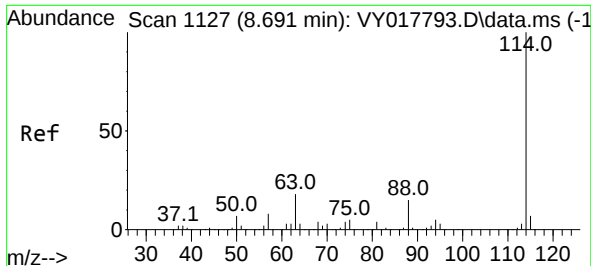
Tgt Ion:168 Resp: 141512
Ion Ratio Lower Upper
168 100
99 48.8 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 56.031 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY017884.D
Acq: 09 Apr 2024 10:49

Tgt Ion: 65 Resp: 68613
Ion Ratio Lower Upper
65 100
67 54.2 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY017884.D

Acq: 09 Apr 2024 10:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0409SBL01

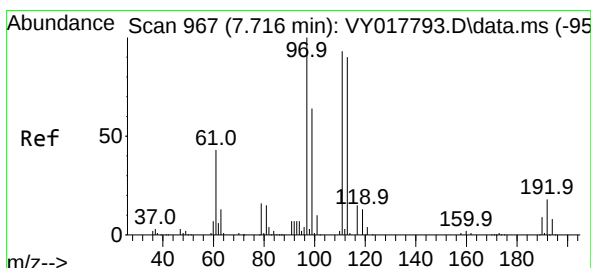
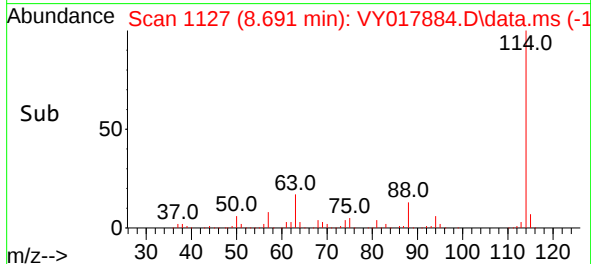
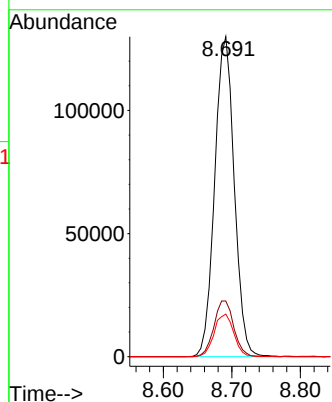
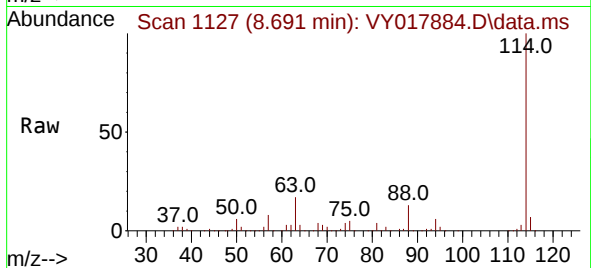
Tgt Ion:114 Resp: 256696

Ion Ratio Lower Upper

114 100

63 17.4 0.0 35.0

88 13.3 0.0 27.2



#35

Dibromofluoromethane

Concen: 52.663 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY017884.D

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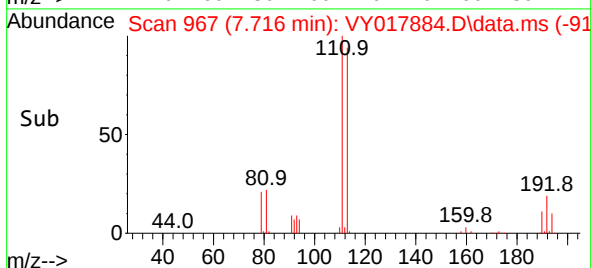
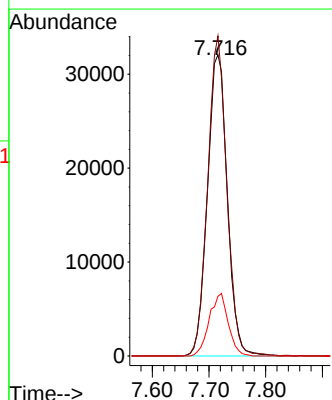
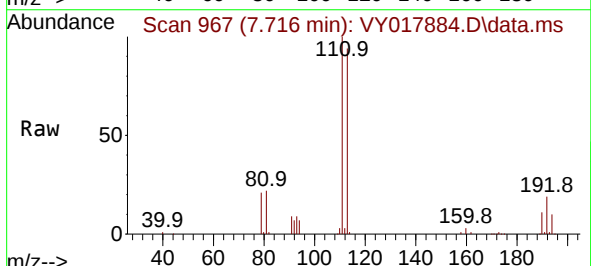
Tgt Ion:113 Resp: 78115

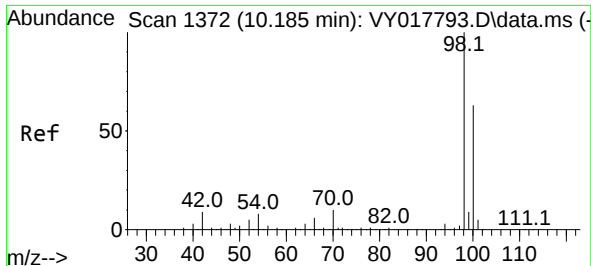
Ion Ratio Lower Upper

113 100

111 102.1 82.2 123.4

192 19.9 15.9 23.9

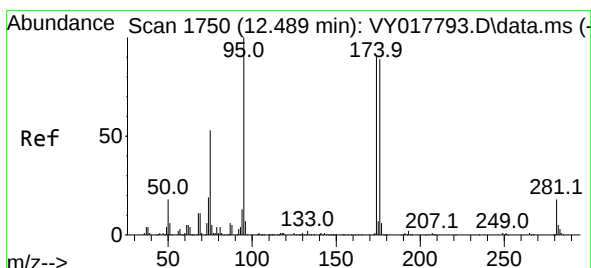
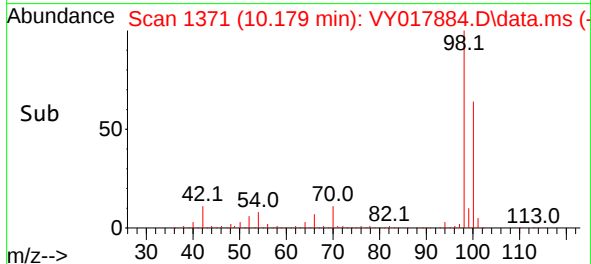
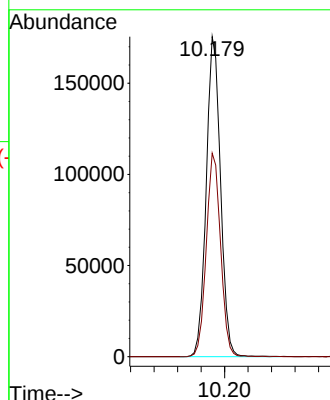
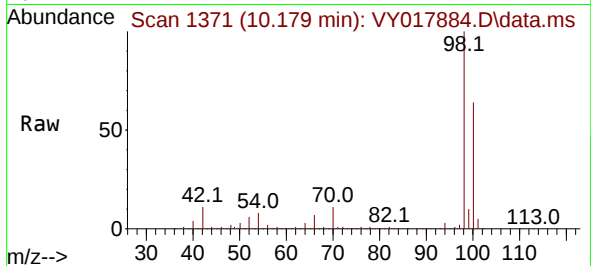




#50
Toluene-d8
Concen: 53.513 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017884.D
Acq: 09 Apr 2024 10:49

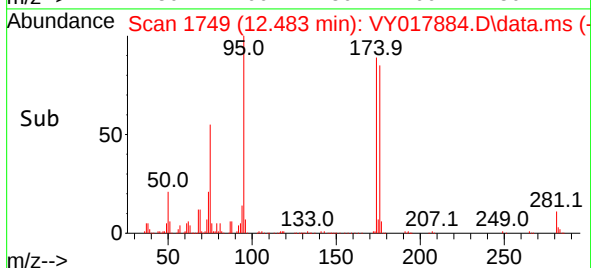
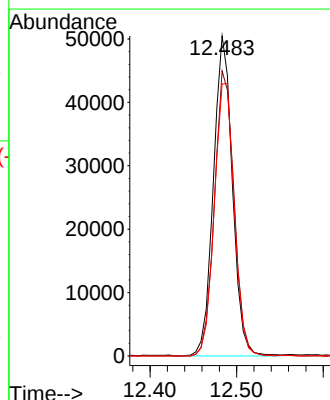
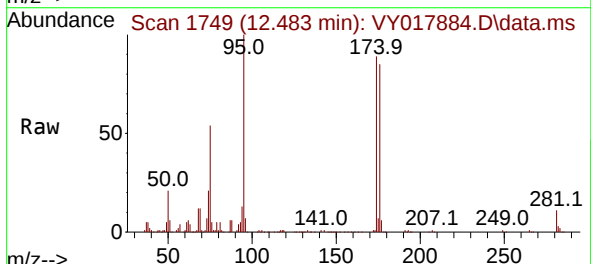
Instrument :
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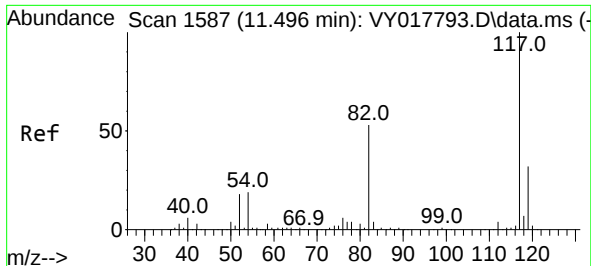
Tgt Ion: 98 Resp: 296506
Ion Ratio Lower Upper
98 100
100 63.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.683 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY017884.D
Acq: 09 Apr 2024 10:49

Tgt Ion: 95 Resp: 77011
Ion Ratio Lower Upper
95 100
174 91.7 0.0 175.6
176 89.3 0.0 171.4

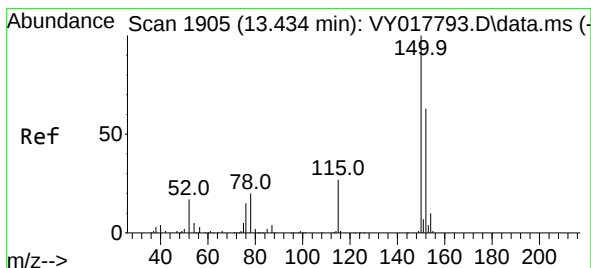
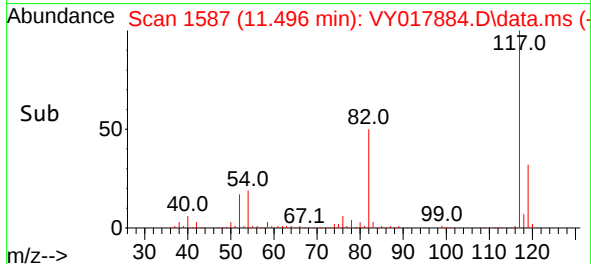
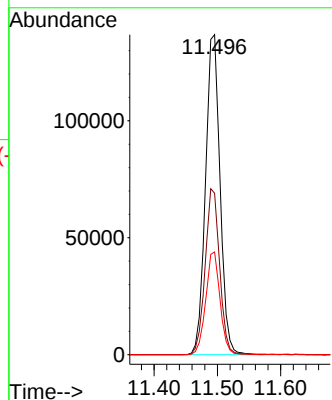
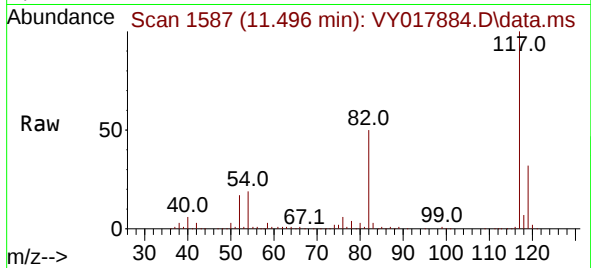




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017884.D
Acq: 09 Apr 2024 10:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0409SBL01

Tgt Ion:117 Resp: 219515
Ion Ratio Lower Upper
117 100
82 50.4 42.4 63.6
119 32.1 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VY017884.D
Acq: 09 Apr 2024 10:49

Tgt Ion:152 Resp: 81369
Ion Ratio Lower Upper
152 100
115 55.0 28.2 84.7
150 155.3 0.0 345.6

