

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041124\
 Data File : VY017901.D
 Acq On : 11 Apr 2024 10:55
 Operator : SY/MD
 Sample : VY0411SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0411SBL01

Quant Time: Apr 12 04:56:38 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	119363	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	221699	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	199539	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	72356	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	68414	66.235	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.480%
35) Dibromofluoromethane	7.722	113	71590	55.883	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.760%
50) Toluene-d8	10.185	98	261018	54.545	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	109.080%
62) 4-Bromofluorobenzene	12.489	95	66402	45.607	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.220%

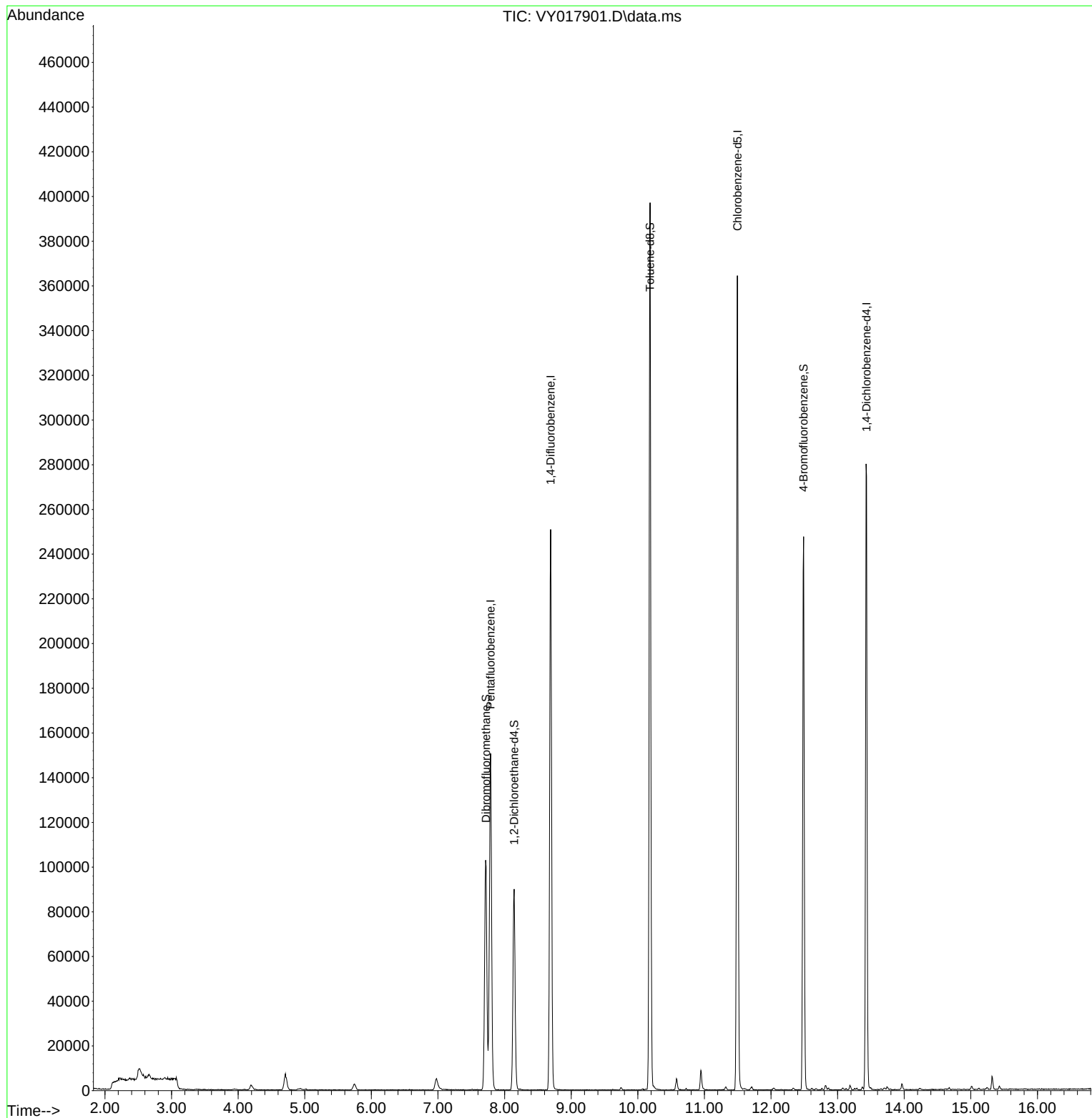
Target Compounds	Qvalue

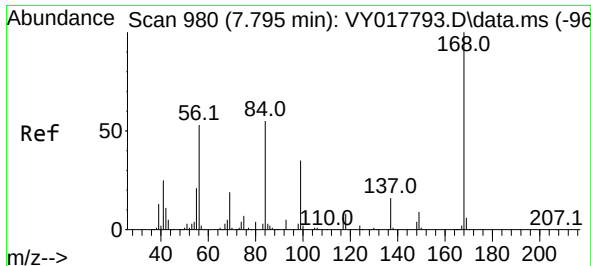
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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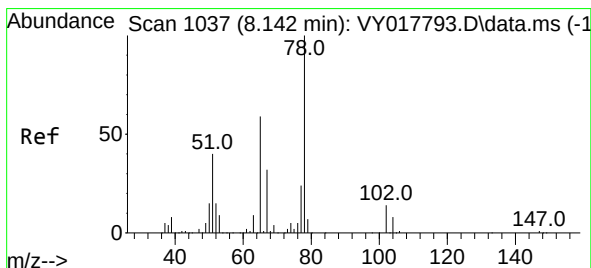
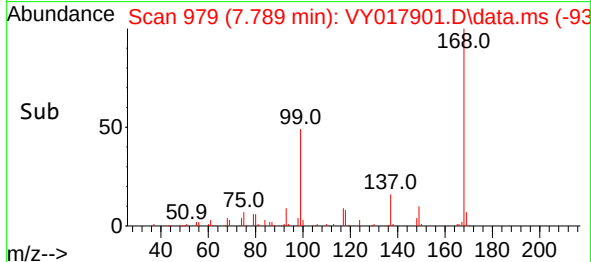
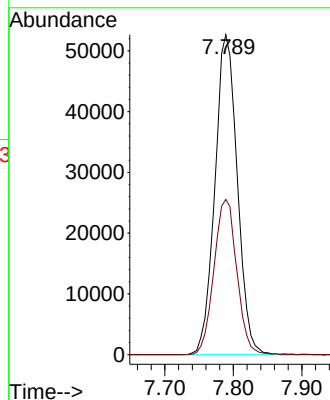
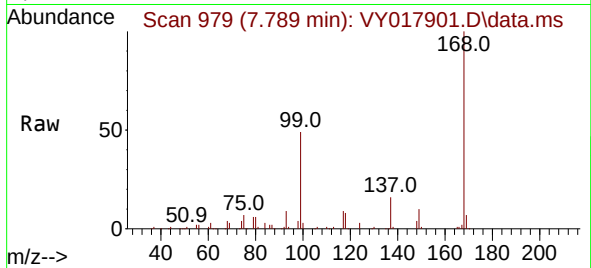




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017901.D
Acq: 11 Apr 2024 10:55

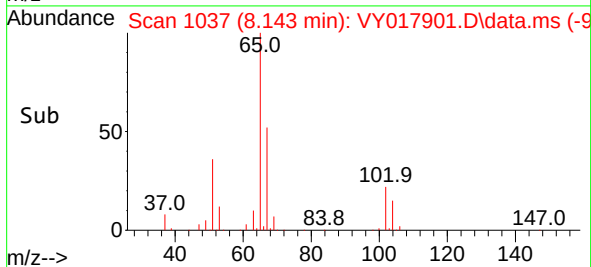
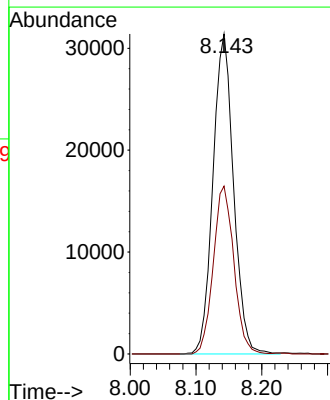
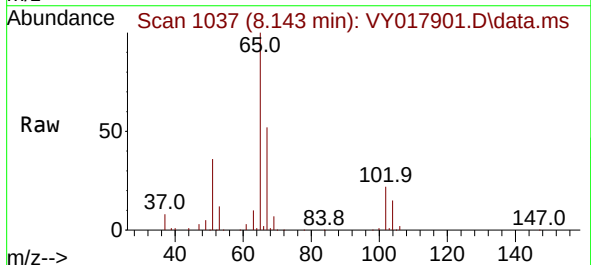
Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBL01

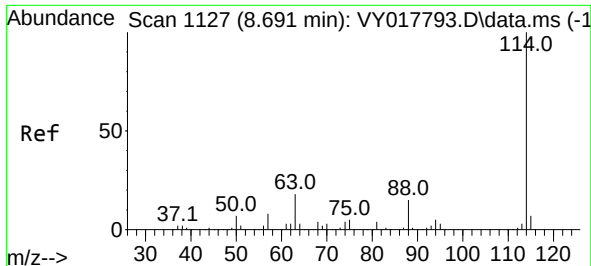
Tgt Ion:168 Resp: 119363
Ion Ratio Lower Upper
168 100
99 48.5 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 66.235 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY017901.D
Acq: 11 Apr 2024 10:55

Tgt Ion: 65 Resp: 68414
Ion Ratio Lower Upper
65 100
67 52.4 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: VY017901.D

Acq: 11 Apr 2024 10:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0411SBL01

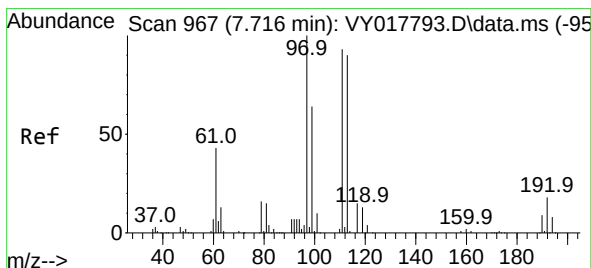
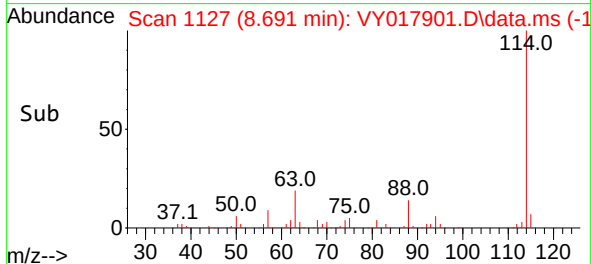
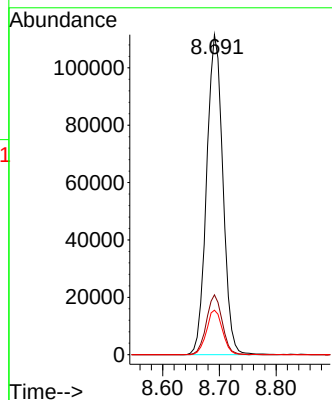
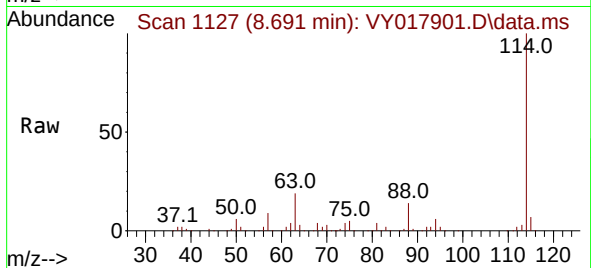
Tgt Ion:114 Resp: 221699

Ion Ratio Lower Upper

114 100

63 18.7 0.0 35.0

88 13.9 0.0 27.2



#35

Dibromofluoromethane

Concen: 55.883 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY017901.D

Acq: 11 Apr 2024 10:55

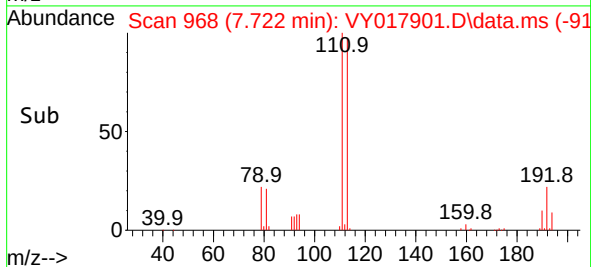
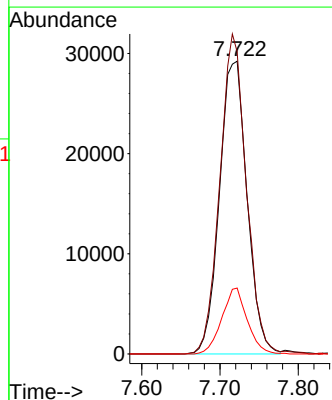
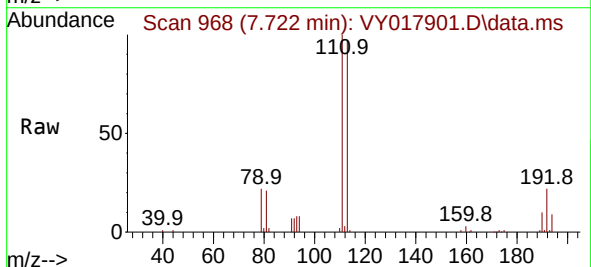
Tgt Ion:113 Resp: 71590

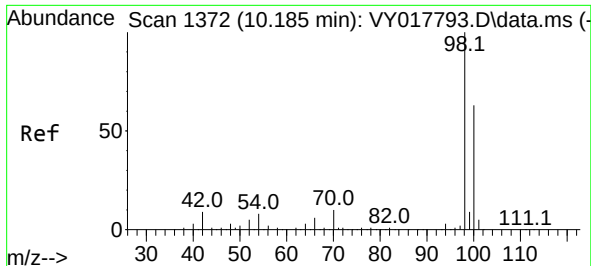
Ion Ratio Lower Upper

113 100

111 104.8 82.2 123.4

192 20.7 15.9 23.9

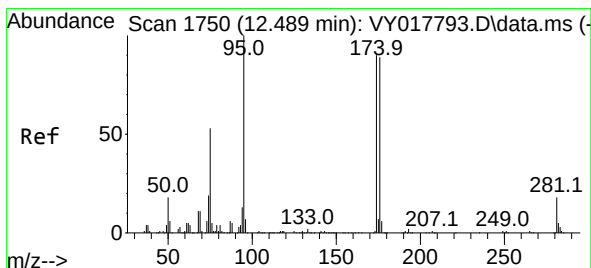
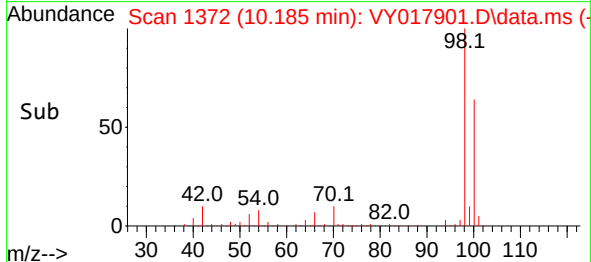
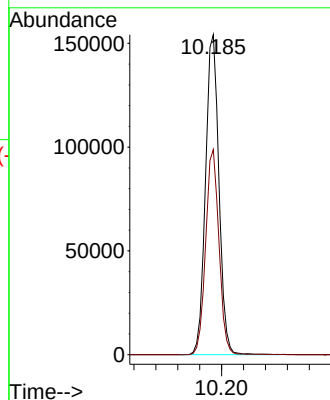
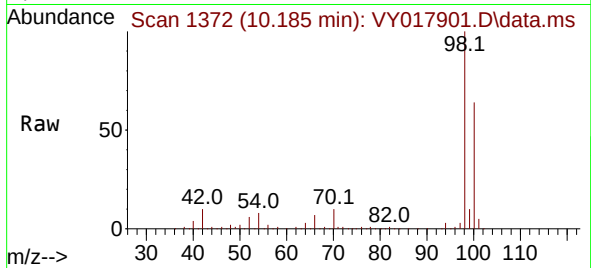




#50
Toluene-d8
Concen: 54.545 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017901.D
Acq: 11 Apr 2024 10:55

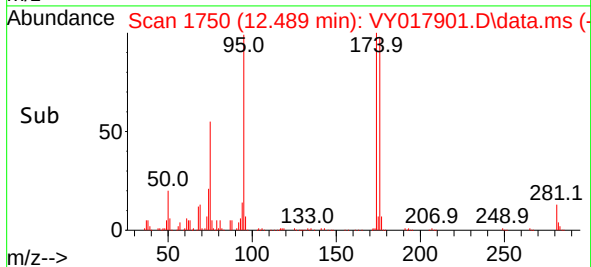
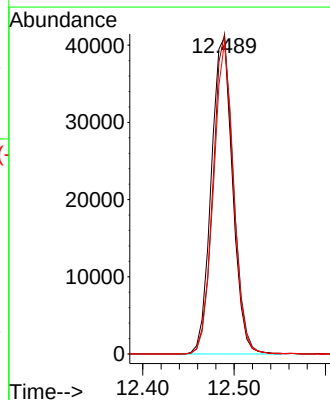
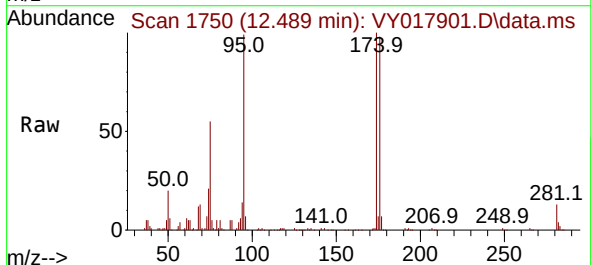
Instrument :
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VY0411SBL01

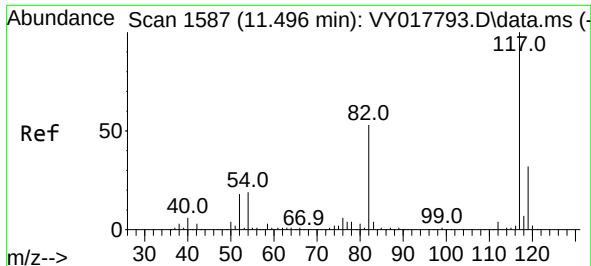
Tgt Ion: 98 Resp: 261018
Ion Ratio Lower Upper
98 100
100 63.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.607 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017901.D
Acq: 11 Apr 2024 10:55

Tgt Ion: 95 Resp: 66402
Ion Ratio Lower Upper
95 100
174 96.7 0.0 175.6
176 93.5 0.0 171.4

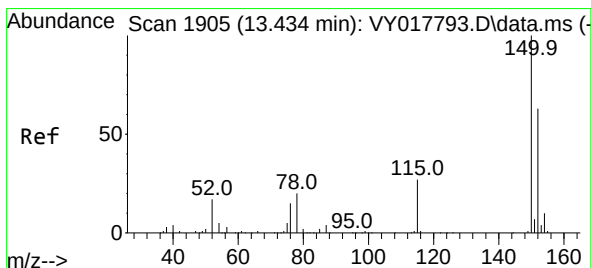
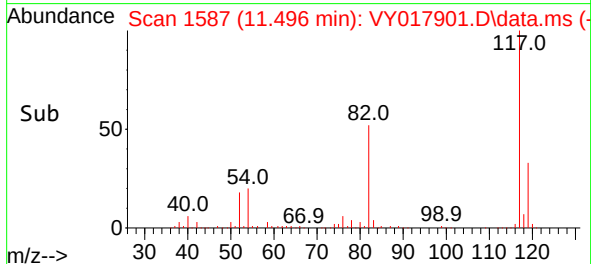
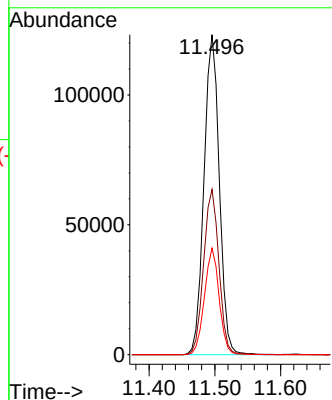
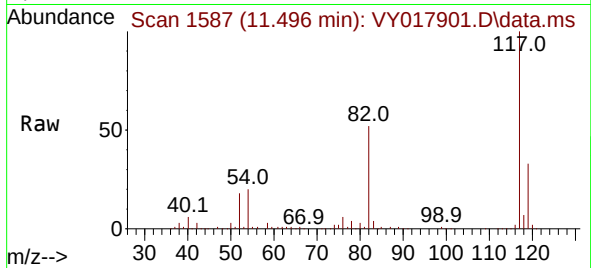




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY017901.D
Acq: 11 Apr 2024 10:55

Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBL01

Tgt Ion:117 Resp: 199539
Ion Ratio Lower Upper
117 100
82 51.6 42.4 63.6
119 33.3 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.000 min
Lab File: VY017901.D
Acq: 11 Apr 2024 10:55

Tgt Ion:152 Resp: 72356
Ion Ratio Lower Upper
152 100
115 55.2 28.2 84.7
150 159.9 0.0 345.6

