

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022824\
 Data File : VY017512.D
 Acq On : 28 Feb 2024 11:11
 Operator : SY/MD
 Sample : VY0228SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0228SBL01

Quant Time: Feb 28 23:10:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	135700	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	236723	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	204484	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	76214	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	62530	48.621	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.240%
35) Dibromofluoromethane	7.722	113	74464	45.142	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.280%
50) Toluene-d8	10.185	98	267534	46.387	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.780%
62) 4-Bromofluorobenzene	12.483	95	69319	38.244	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	76.480%

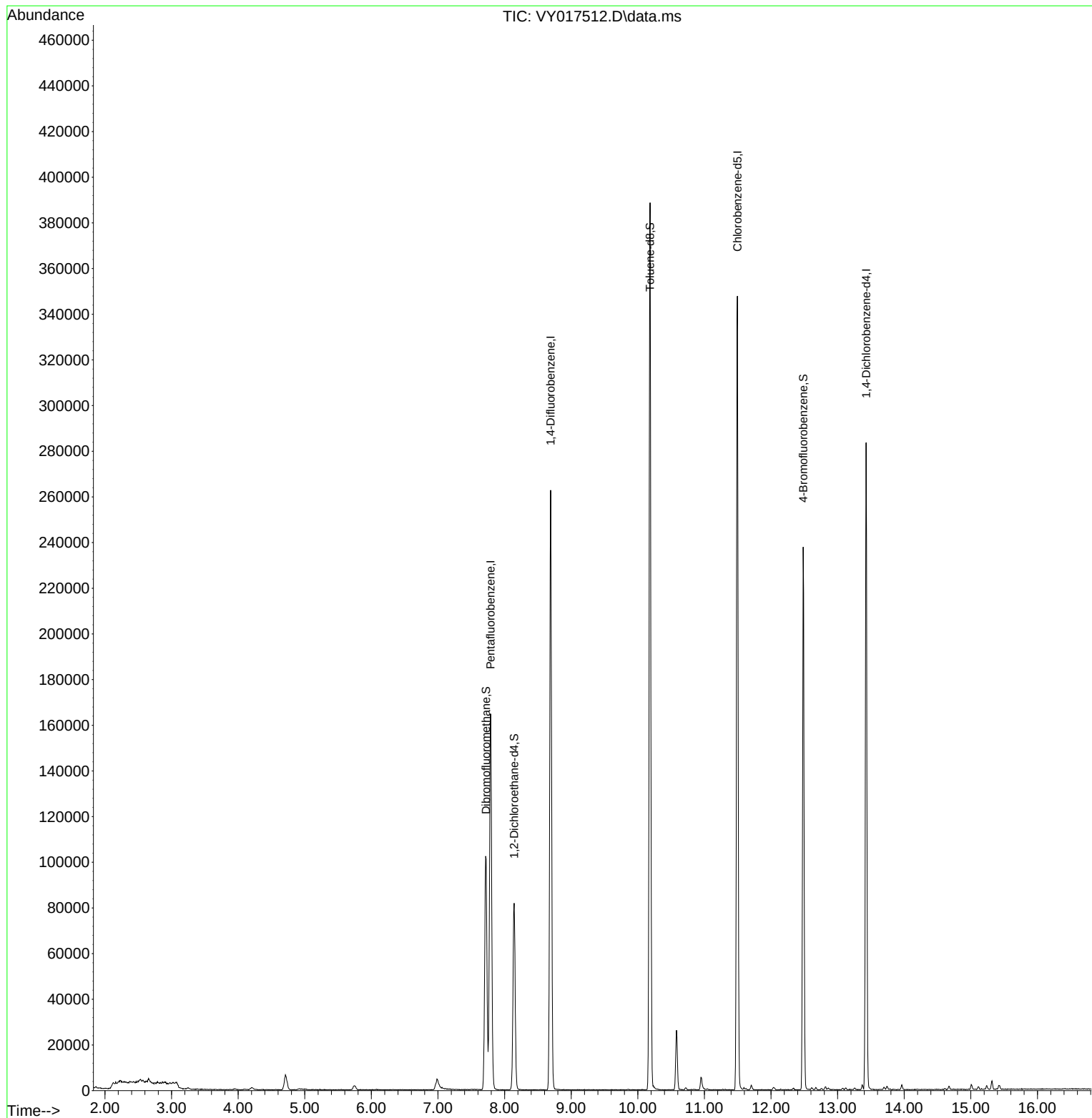
Target Compounds	Qvalue

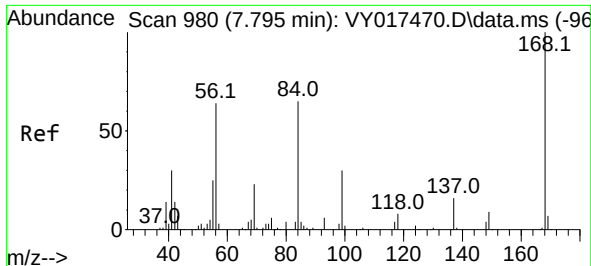
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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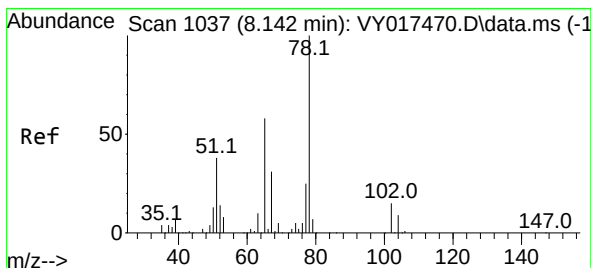
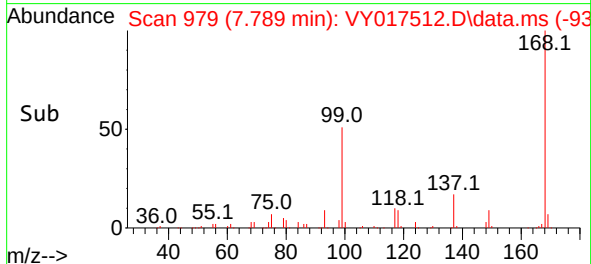
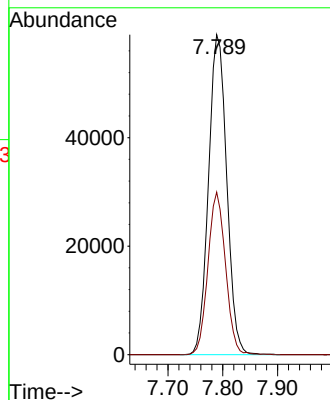
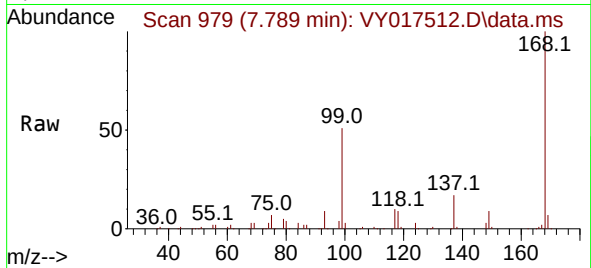




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017512.D
Acq: 28 Feb 2024 11:11

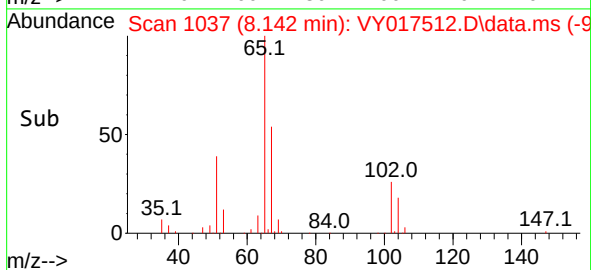
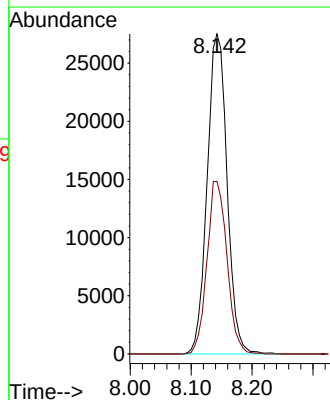
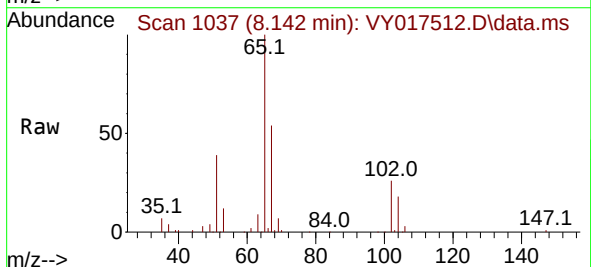
Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBL01

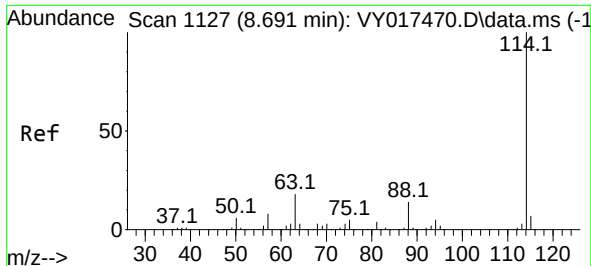
Tgt Ion:168 Resp: 135700
Ion Ratio Lower Upper
168 100
99 50.8 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 48.621 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY017512.D
Acq: 28 Feb 2024 11:11

Tgt Ion: 65 Resp: 62530
Ion Ratio Lower Upper
65 100
67 54.3 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: VY017512.D

Acq: 28 Feb 2024 11:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0228SBL01

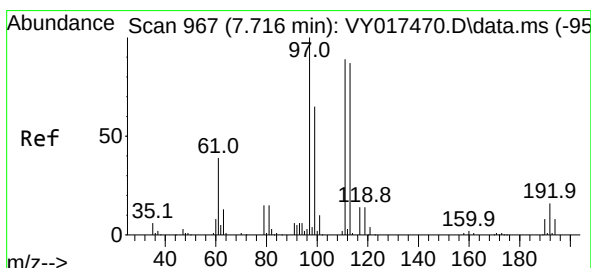
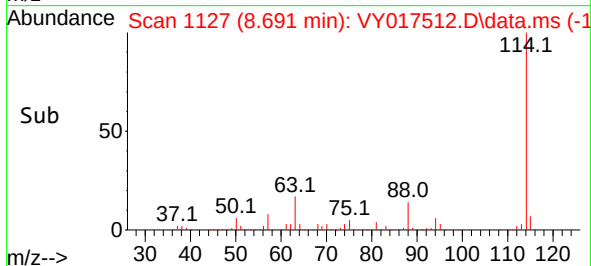
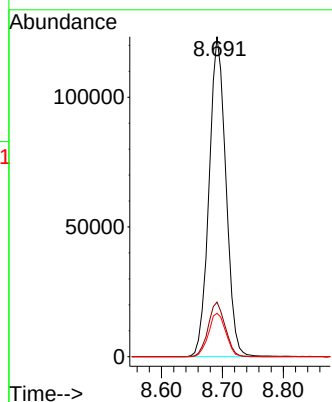
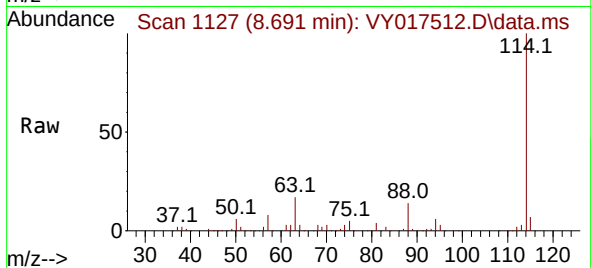
Tgt Ion:114 Resp: 236723

Ion Ratio Lower Upper

114 100

63 17.1 0.0 35.0

88 13.5 0.0 27.2



#35

Dibromofluoromethane

Concen: 45.142 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY017512.D

Acq: 28 Feb 2024 11:11

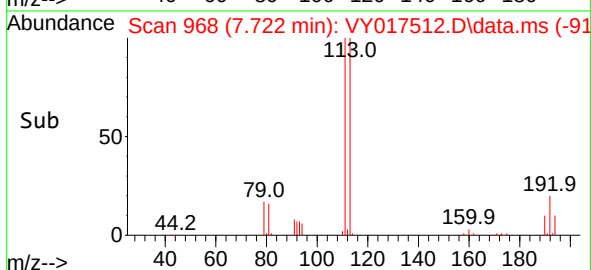
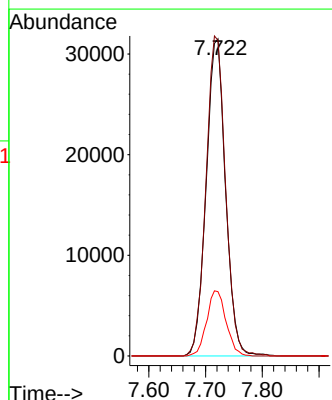
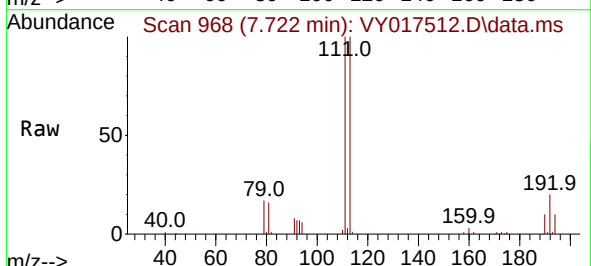
Tgt Ion:113 Resp: 74464

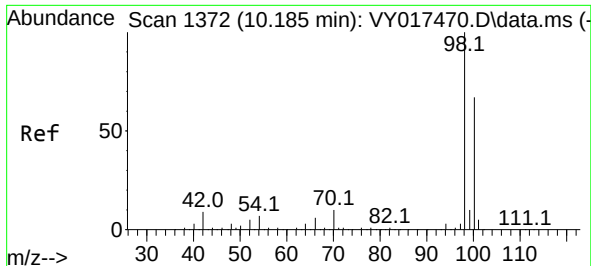
Ion Ratio Lower Upper

113 100

111 102.0 82.2 123.4

192 20.6 15.9 23.9

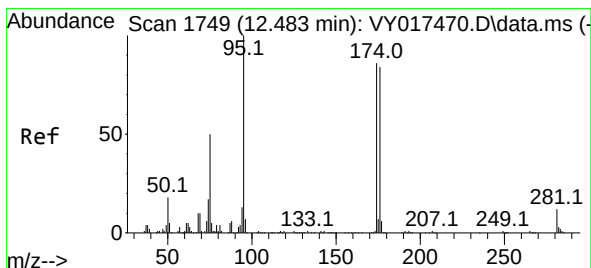
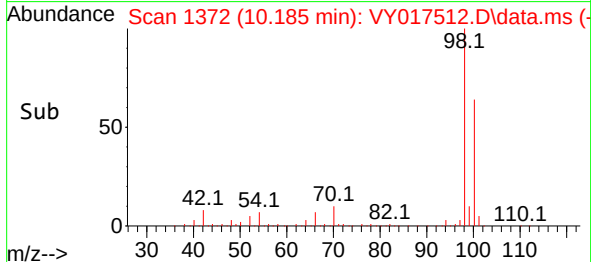
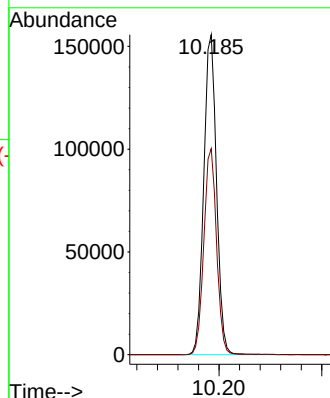
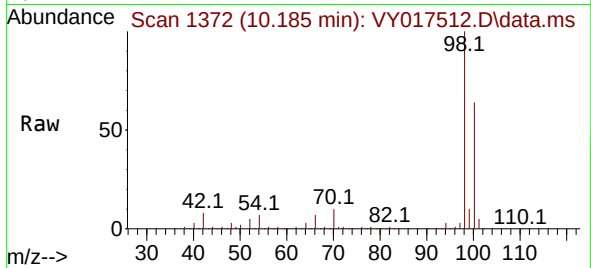




#50
Toluene-d8
Concen: 46.387 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017512.D
Acq: 28 Feb 2024 11:11

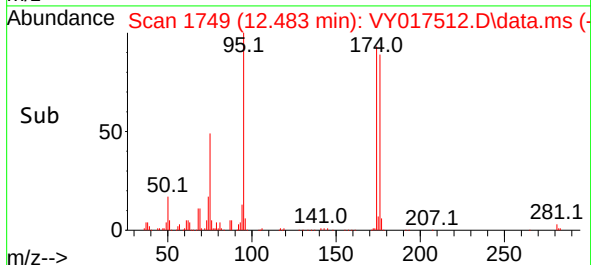
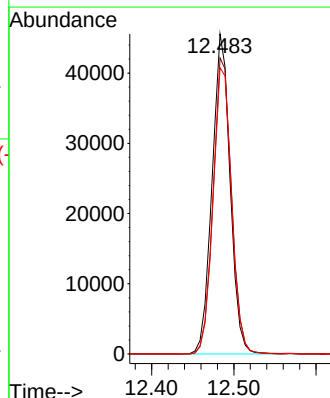
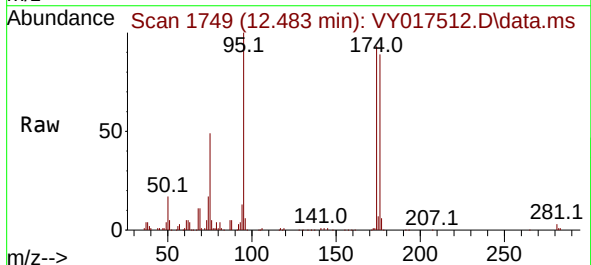
Instrument :
MSVOA_Y
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VY0228SBL01

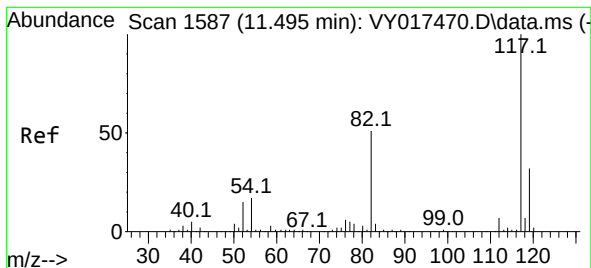
Tgt Ion: 98 Resp: 267534
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 38.244 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017512.D
Acq: 28 Feb 2024 11:11

Tgt Ion: 95 Resp: 69319
Ion Ratio Lower Upper
95 100
174 94.4 0.0 175.6
176 91.9 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: VY017512.D

Acq: 28 Feb 2024 11:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0228SBL01

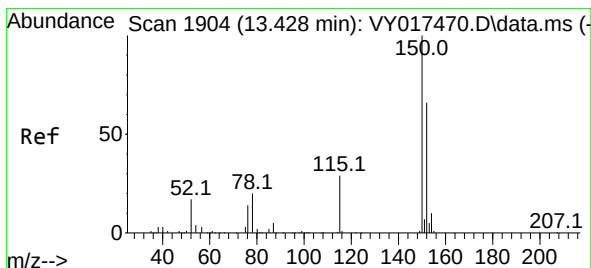
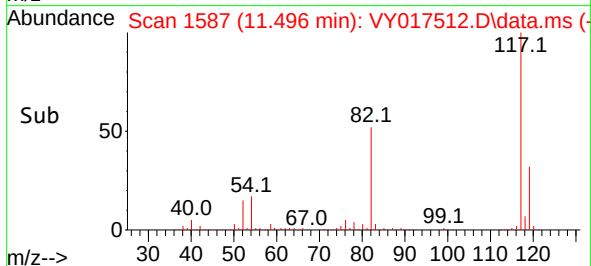
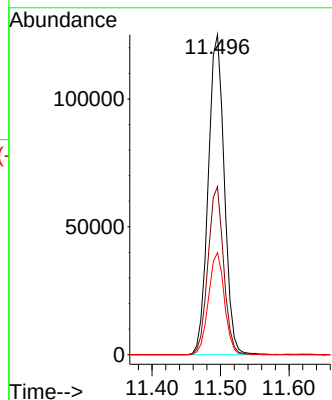
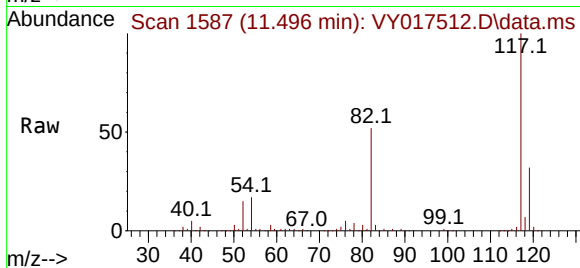
Tgt Ion:117 Resp: 204484

Ion Ratio Lower Upper

117 100

82 52.5 42.4 63.6

119 31.9 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY017512.D

Acq: 28 Feb 2024 11:11

Tgt Ion:152 Resp: 76214

Ion Ratio Lower Upper

152 100

115 56.2 28.2 84.7

150 158.6 0.0 345.6

