

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022924\
 Data File : VY017539.D
 Acq On : 29 Feb 2024 19:39
 Operator : SY/MD
 Sample : P1620-11
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-2

Quant Time: Mar 01 00:35:04 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	7.801	168	116070	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.704	114	212535	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.502	117	189730	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	70873	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	58533	53.210	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.420%
35) Dibromofluoromethane	7.734	113	68977	46.574	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.140%
50) Toluene-d8	10.191	98	242601	46.851	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.700%
62) 4-Bromofluorobenzene	12.496	95	64418	39.584	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	79.160%

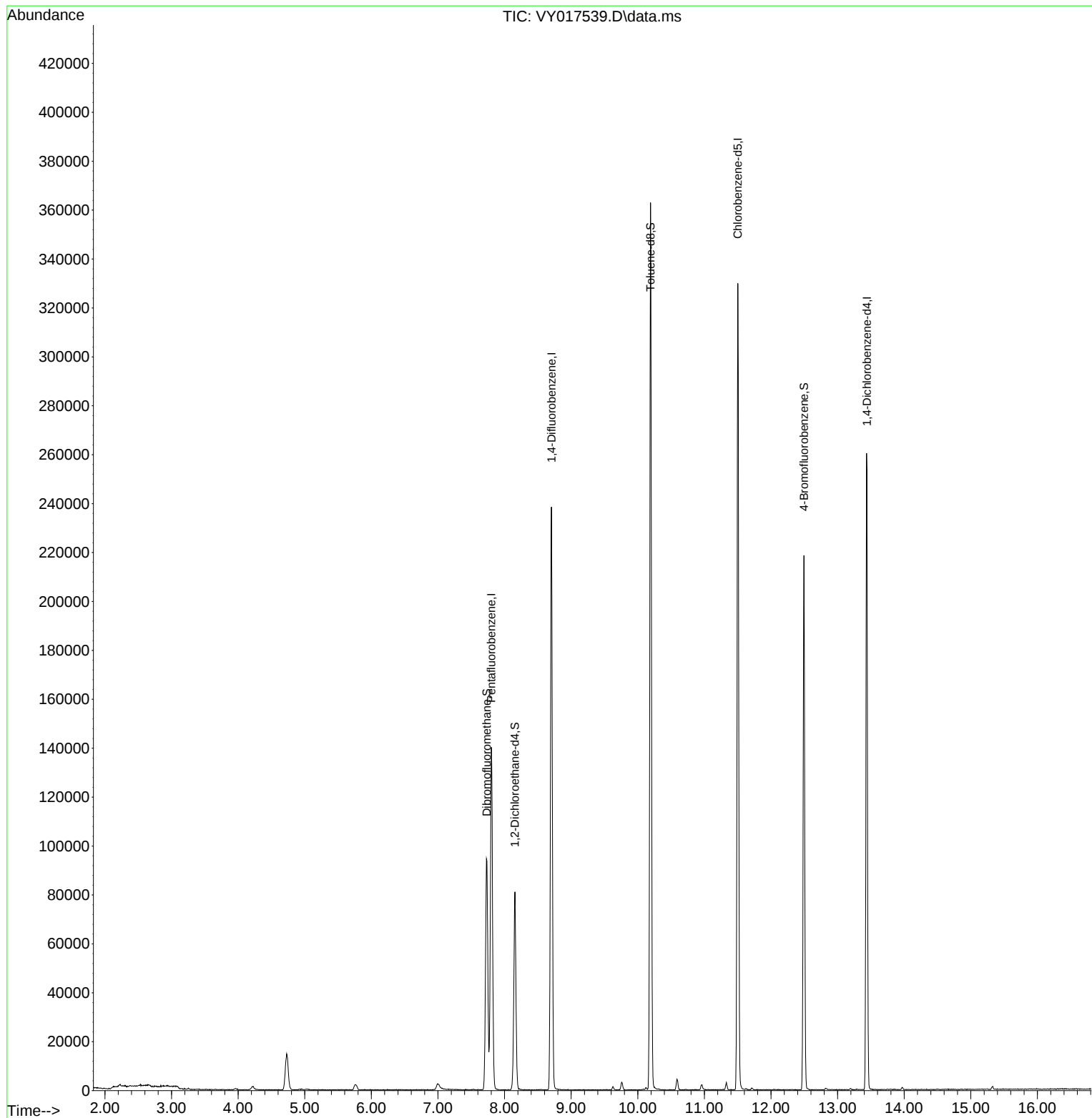
Target Compounds	Qvalue

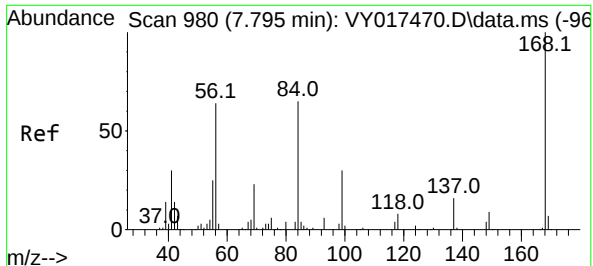
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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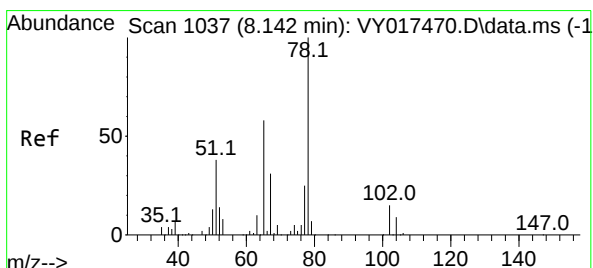
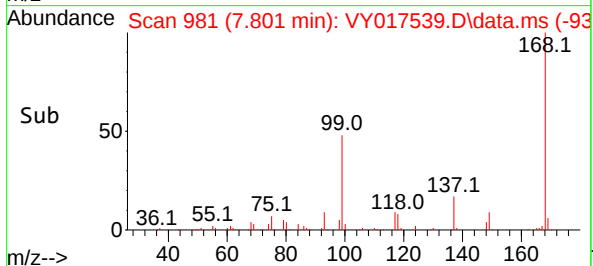
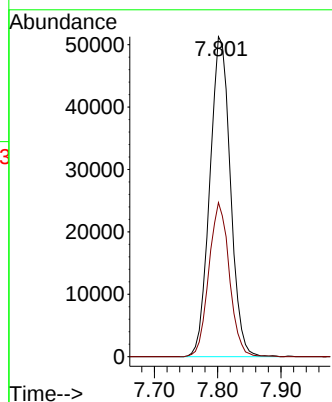
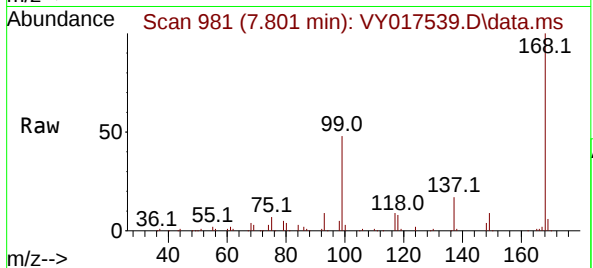




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY017539.D
Acq: 29 Feb 2024 19:39

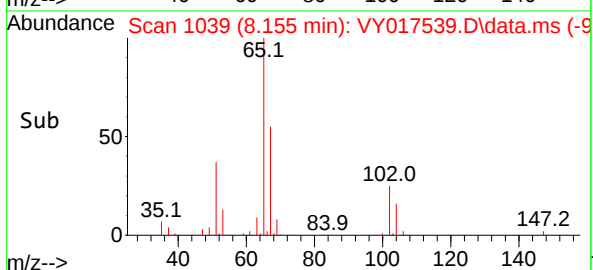
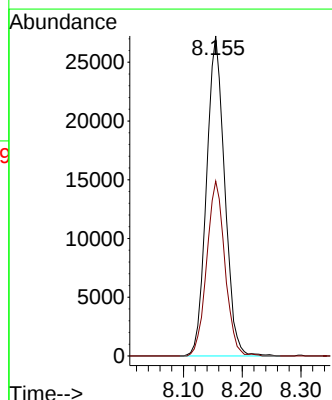
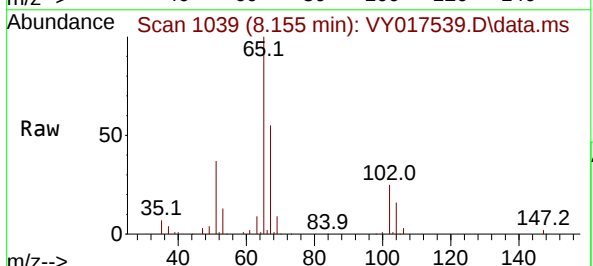
Instrument :
MSVOA_Y
ClientSampleId :
SP-2

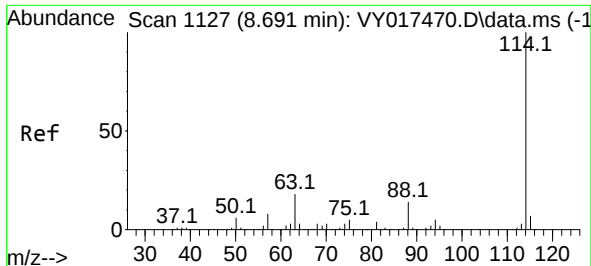
Tgt Ion:168 Resp: 116070
Ion Ratio Lower Upper
168 100
99 48.1 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 53.210 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.012 min
Lab File: VY017539.D
Acq: 29 Feb 2024 19:39

Tgt Ion: 65 Resp: 58533
Ion Ratio Lower Upper
65 100
67 54.7 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.704 min Scan# 1127

Delta R.T. 0.012 min

Lab File: VY017539.D

Acq: 29 Feb 2024 19:39

Instrument :

MSVOA_Y

ClientSampleId :

SP-2

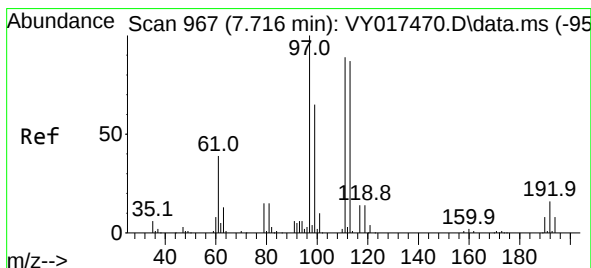
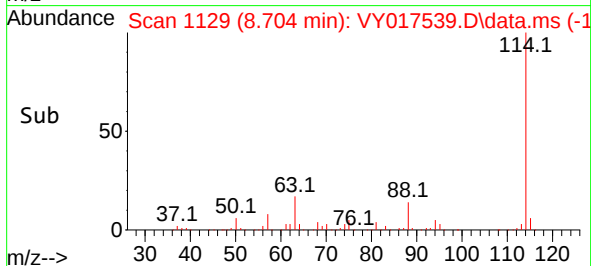
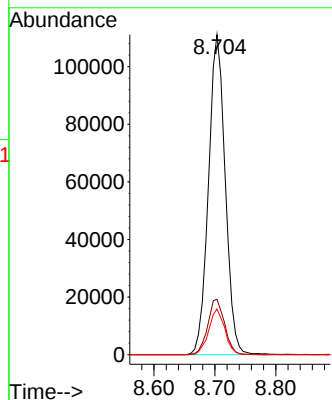
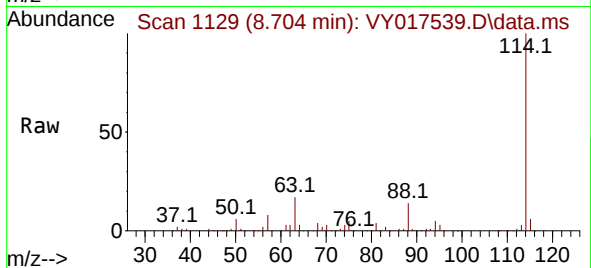
Tgt Ion:114 Resp: 212535

Ion Ratio Lower Upper

114 100

63 17.3 0.0 35.0

88 14.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 46.574 ug/l

RT: 7.734 min Scan# 970

Delta R.T. 0.019 min

Lab File: VY017539.D

Acq: 29 Feb 2024 19:39

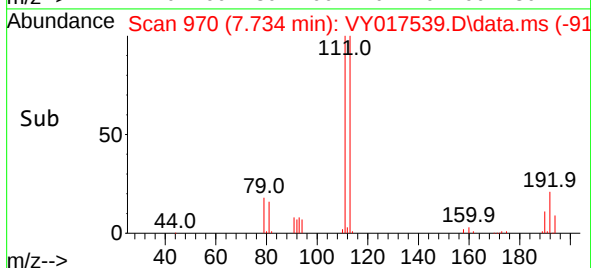
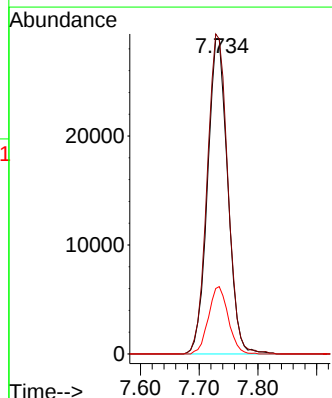
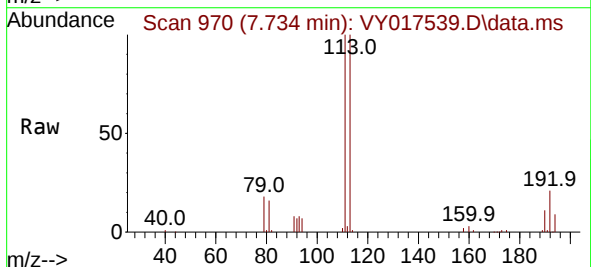
Tgt Ion:113 Resp: 68977

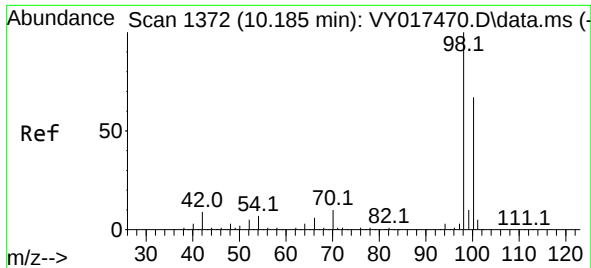
Ion Ratio Lower Upper

113 100

111 103.8 82.2 123.4

192 20.9 15.9 23.9

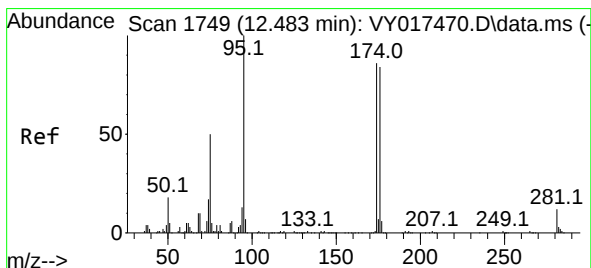
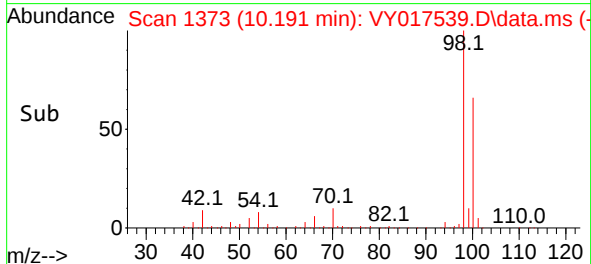
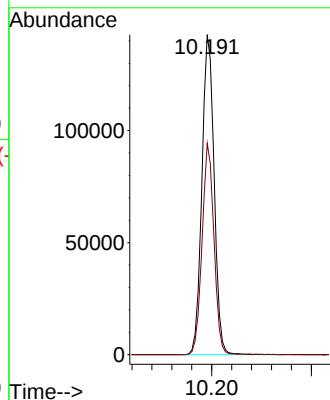
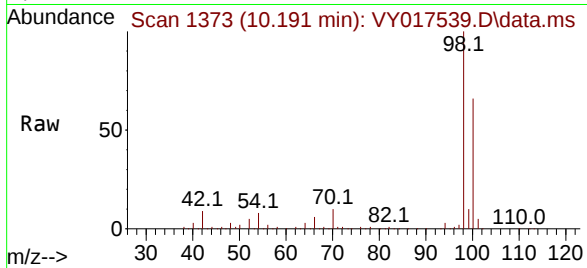




#50
Toluene-d8
Concen: 46.851 ug/l
RT: 10.191 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017539.D
Acq: 29 Feb 2024 19:39

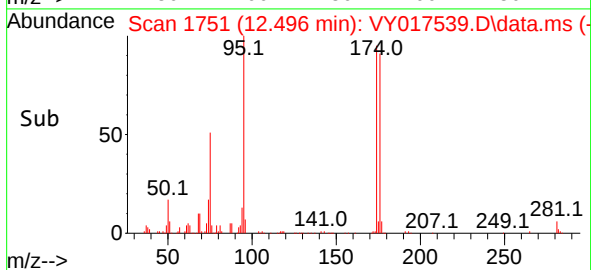
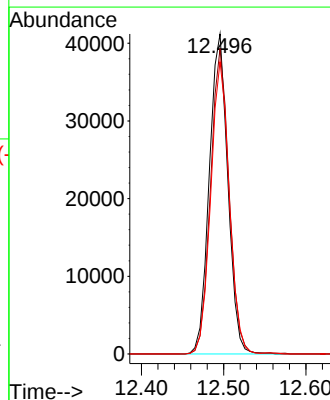
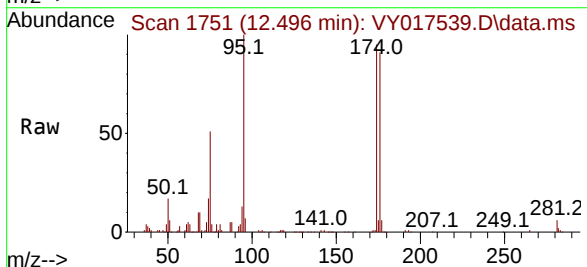
Instrument :
MSVOA_Y
ClientSampleId :
SP-2

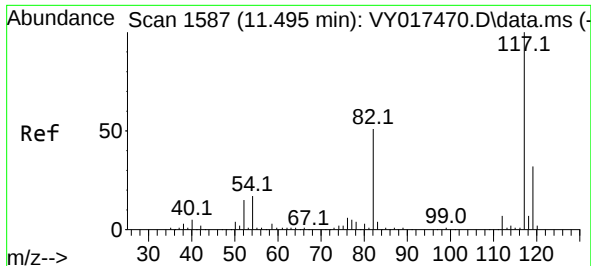
Tgt Ion: 98 Resp: 242601
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 39.584 ug/l
RT: 12.496 min Scan# 1751
Delta R.T. 0.012 min
Lab File: VY017539.D
Acq: 29 Feb 2024 19:39

Tgt Ion: 95 Resp: 64418
Ion Ratio Lower Upper
95 100
174 95.7 0.0 175.6
176 91.7 0.0 171.4

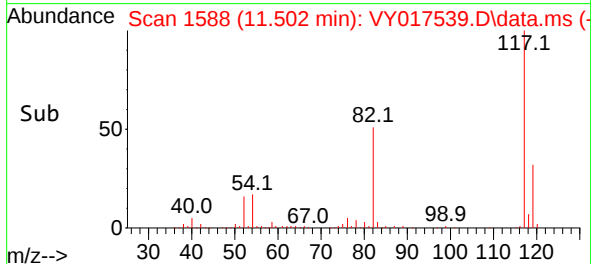
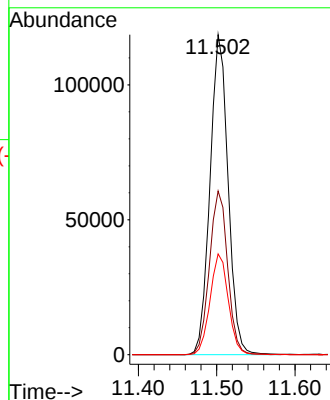
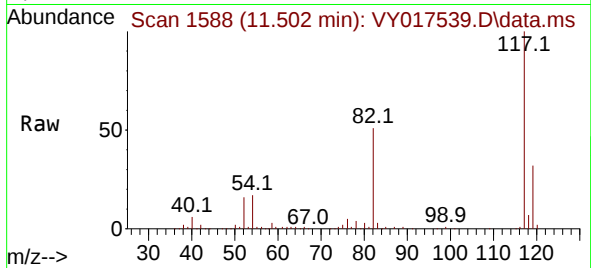




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017539.D
Acq: 29 Feb 2024 19:39

Instrument :
MSVOA_Y
ClientSampleId :
SP-2

Tgt Ion:117 Resp: 189730
Ion Ratio Lower Upper
117 100
82 51.1 42.4 63.6
119 31.5 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.012 min
Lab File: VY017539.D
Acq: 29 Feb 2024 19:39

Tgt Ion:152 Resp: 70873
Ion Ratio Lower Upper
152 100
115 54.8 28.2 84.7
150 156.0 0.0 345.6

