

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022824\
 Data File : VY017515.D
 Acq On : 28 Feb 2024 12:50
 Operator : SY/MD
 Sample : P1612-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-02-022724

Quant Time: Feb 28 23:12:16 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	7.783	168	126926	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.691	114	225620	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	194555	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	69275	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	57765	48.021	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.040%
35) Dibromofluoromethane	7.710	113	73219	46.571	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.140%
50) Toluene-d8	10.179	98	252684	45.968	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.940%
62) 4-Bromofluorobenzene	12.483	95	65698	38.030	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	76.060%

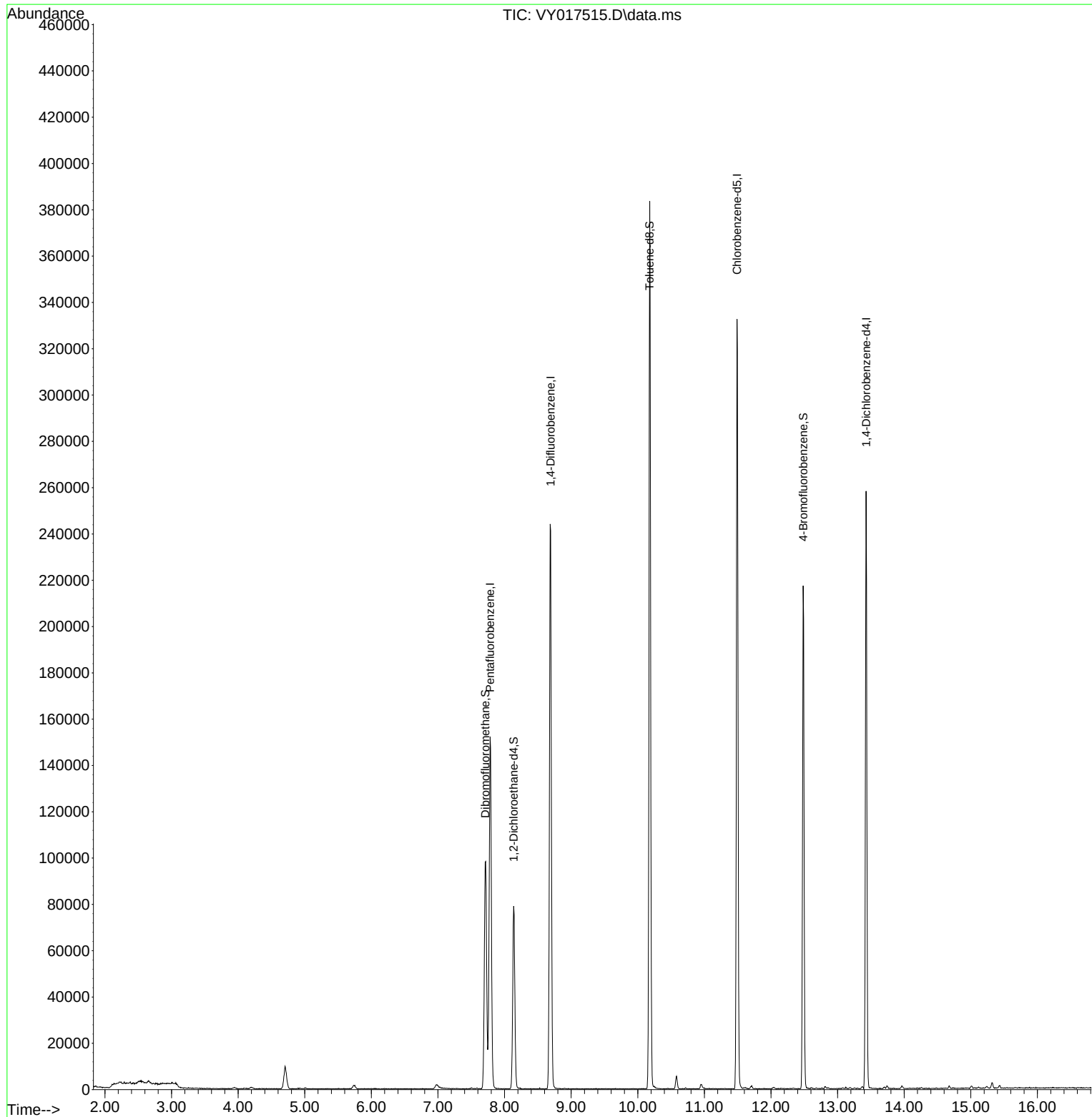
Target Compounds	Qvalue

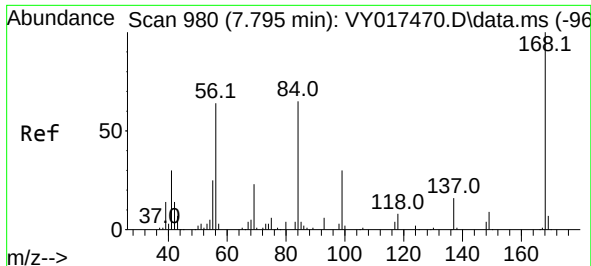
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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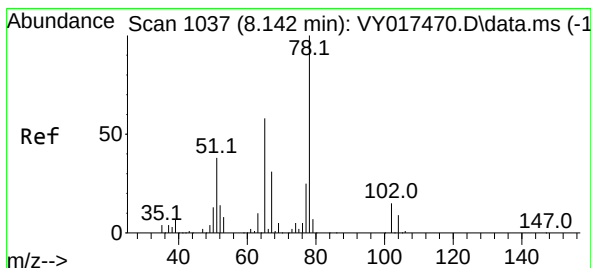
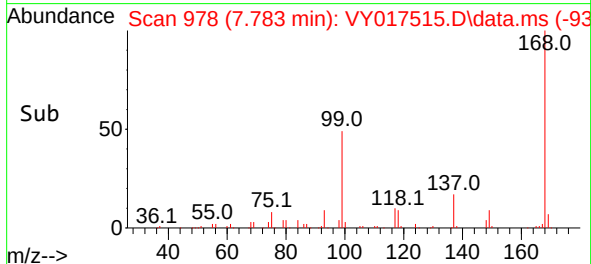
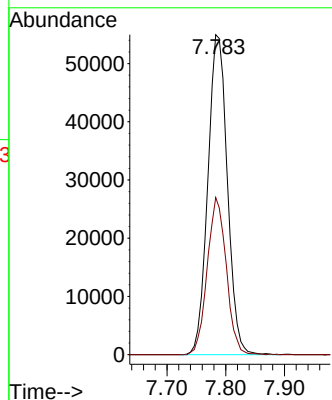
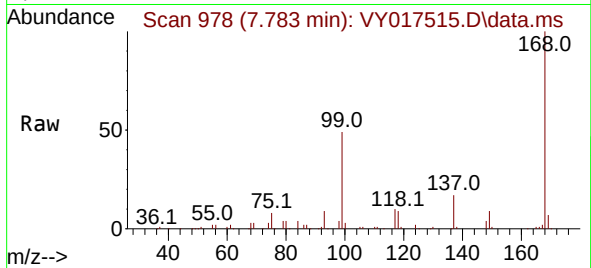




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY017515.D
Acq: 28 Feb 2024 12:50

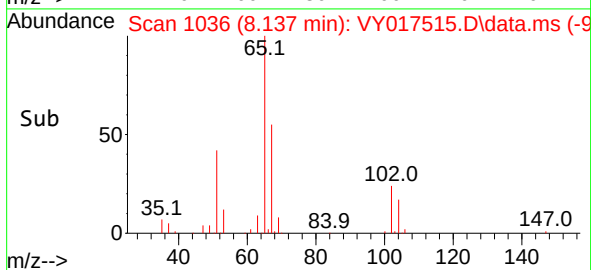
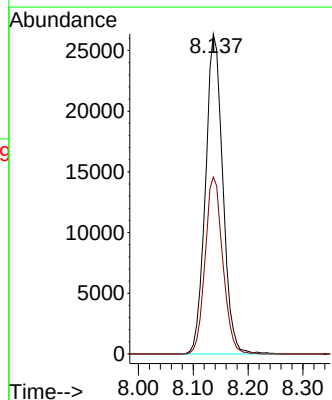
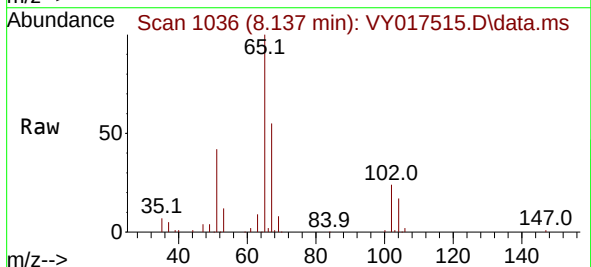
Instrument :
MSVOA_Y
ClientSampleId :
OK-02-022724

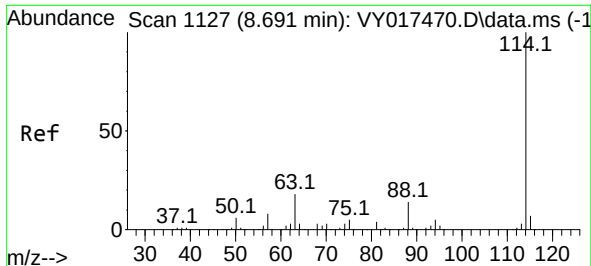
Tgt Ion:168 Resp: 126926
Ion Ratio Lower Upper
168 100
99 49.1 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 48.021 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY017515.D
Acq: 28 Feb 2024 12:50

Tgt Ion: 65 Resp: 57765
Ion Ratio Lower Upper
65 100
67 56.1 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: VY017515.D

Acq: 28 Feb 2024 12:50

Instrument :

MSVOA_Y

ClientSampleId :

OK-02-022724

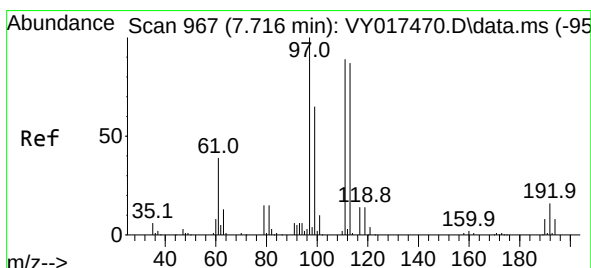
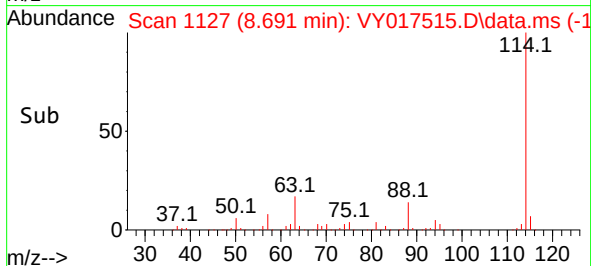
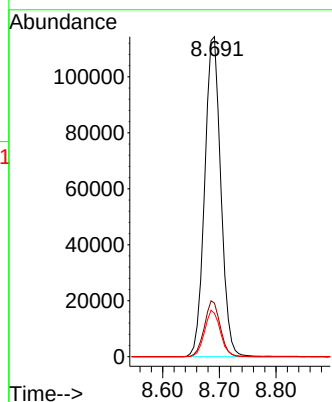
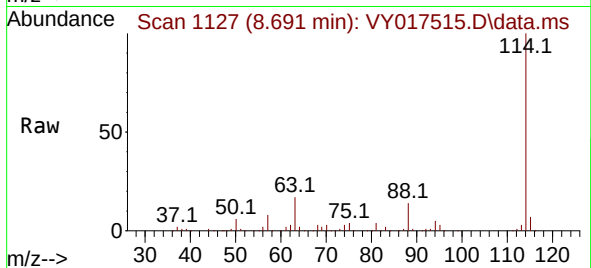
Tgt Ion:114 Resp: 225620

Ion Ratio Lower Upper

114 100

63 16.8 0.0 35.0

88 13.5 0.0 27.2



#35

Dibromofluoromethane

Concen: 46.571 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY017515.D

Acq: 28 Feb 2024 12:50

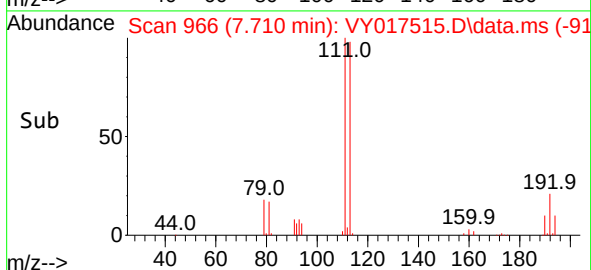
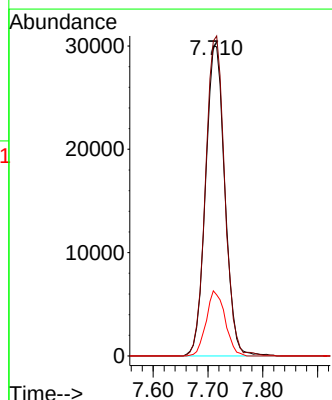
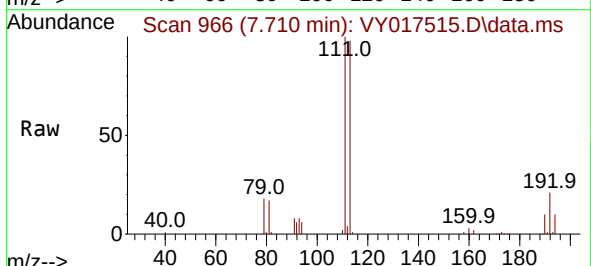
Tgt Ion:113 Resp: 73219

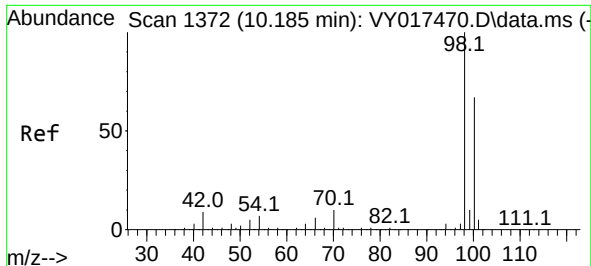
Ion Ratio Lower Upper

113 100

111 102.4 82.2 123.4

192 20.6 15.9 23.9

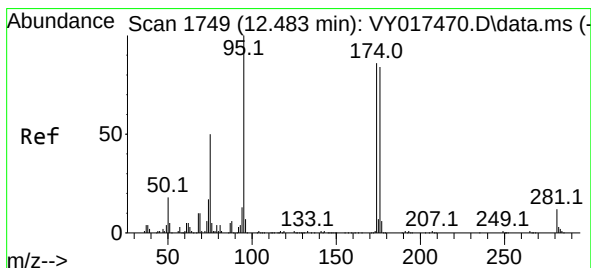
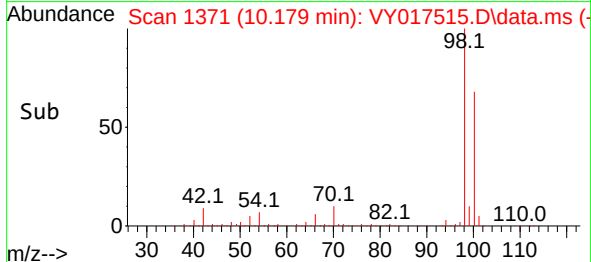
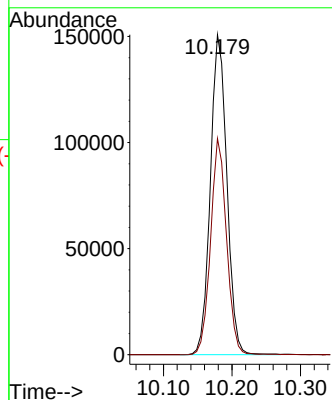
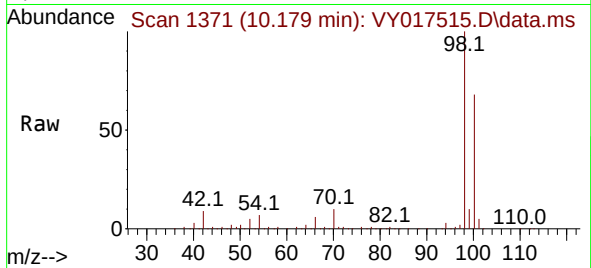




#50
Toluene-d8
Concen: 45.968 ug/l
RT: 10.179 min Scan# 1372
Delta R.T. -0.006 min
Lab File: VY017515.D
Acq: 28 Feb 2024 12:50

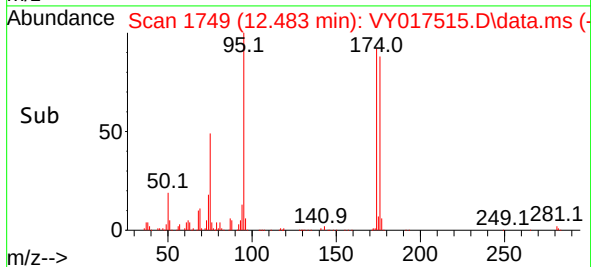
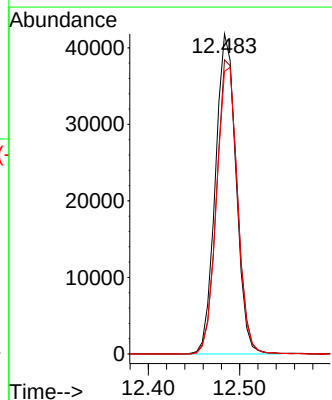
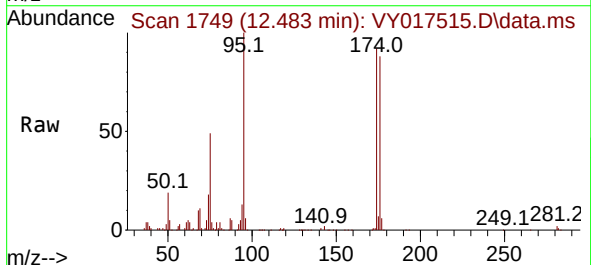
Instrument :
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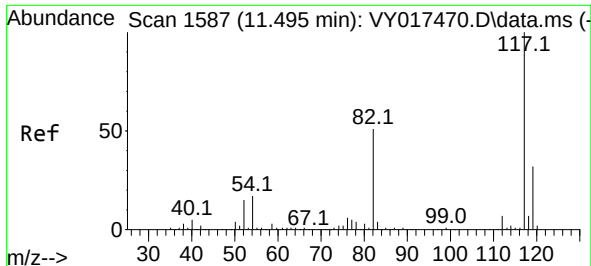
Tgt Ion: 98 Resp: 252684
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 38.030 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017515.D
Acq: 28 Feb 2024 12:50

Tgt Ion: 95 Resp: 65698
Ion Ratio Lower Upper
95 100
174 92.8 0.0 175.6
176 90.7 0.0 171.4

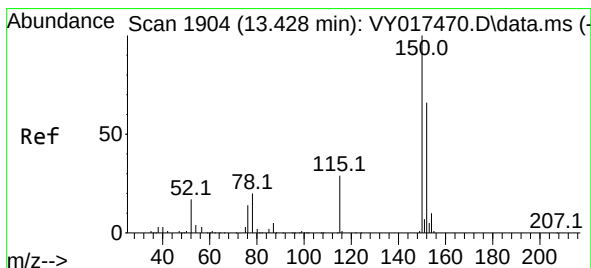
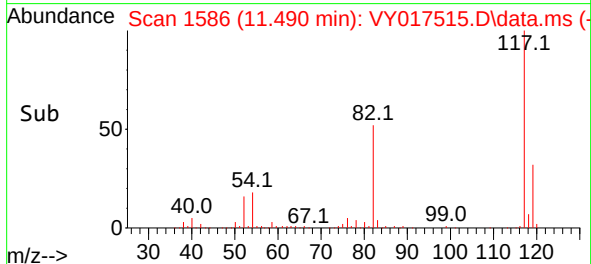
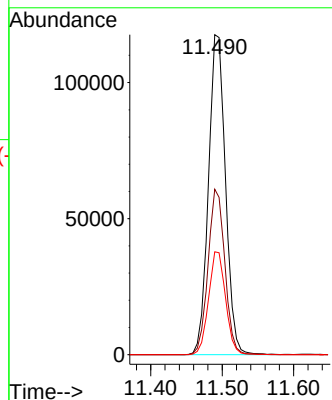
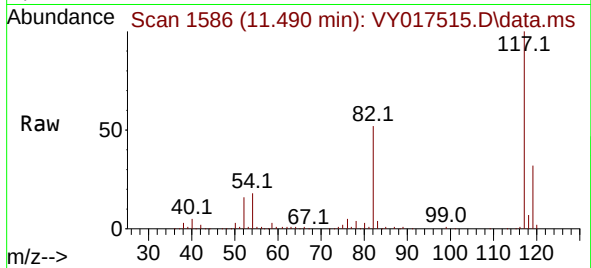




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY017515.D
Acq: 28 Feb 2024 12:50

Instrument :
MSVOA_Y
ClientSampleId :
OK-02-022724

Tgt Ion:117 Resp: 194555
Ion Ratio Lower Upper
117 100
82 51.7 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. 0.000 min
Lab File: VY017515.D
Acq: 28 Feb 2024 12:50

Tgt Ion:152 Resp: 69275
Ion Ratio Lower Upper
152 100
115 53.3 28.2 84.7
150 158.2 0.0 345.6

