

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040924\
 Data File : VY017888.D
 Acq On : 09 Apr 2024 13:02
 Operator : SY/MD
 Sample : P2038-01
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-02-040924

Quant Time: Apr 10 04:25:21 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	26057	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	40551	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	33721	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	10502	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	13133	58.244	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.480%
35) Dibromofluoromethane	7.716	113	14284	60.959	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	121.920%
50) Toluene-d8	10.179	98	45737	52.253	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.500%
62) 4-Bromofluorobenzene	12.483	95	10510	39.466	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	78.940%

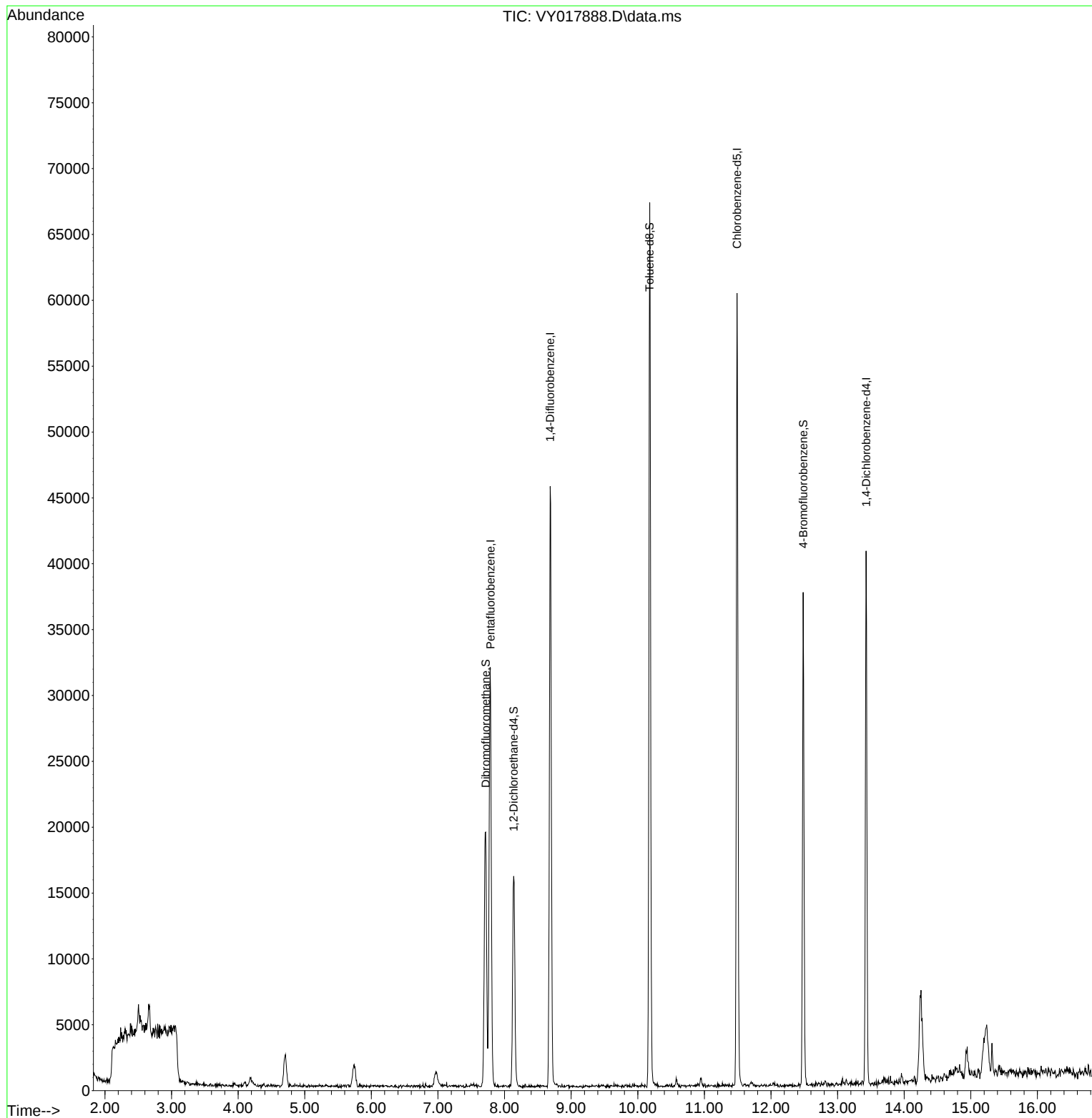
Target Compounds	Qvalue

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

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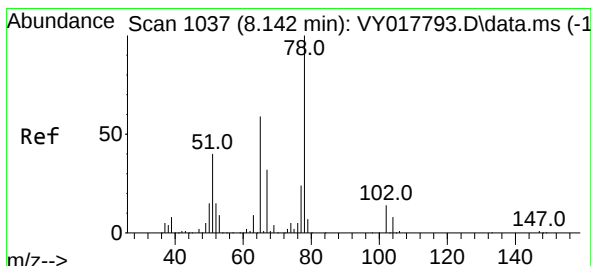
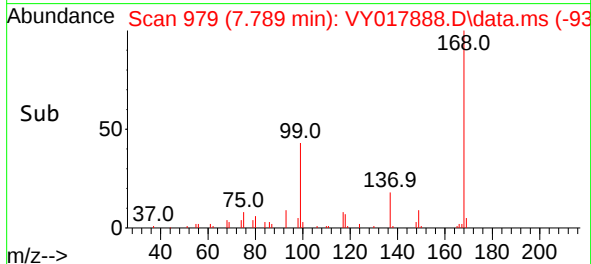
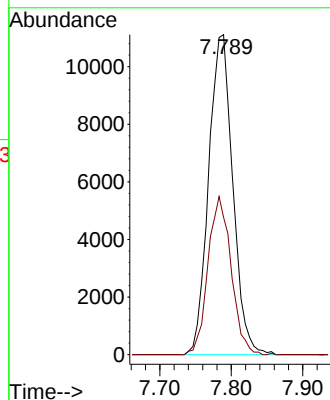
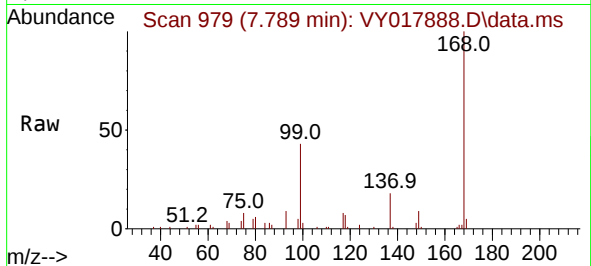




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017888.D
Acq: 09 Apr 2024 13:02

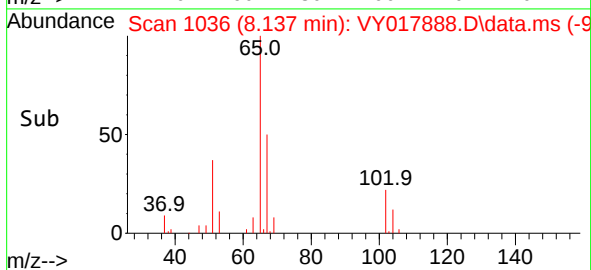
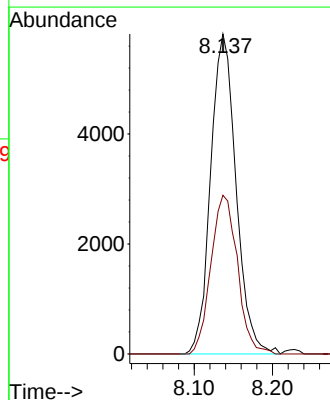
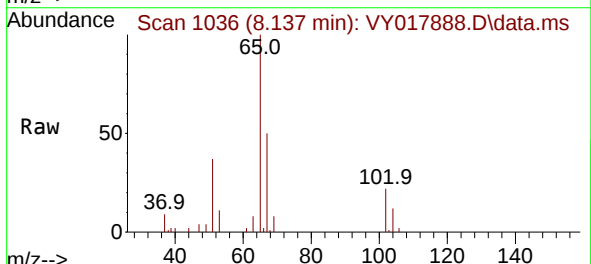
Instrument :
MSVOA_Y
ClientSampleId :
OK-02-040924

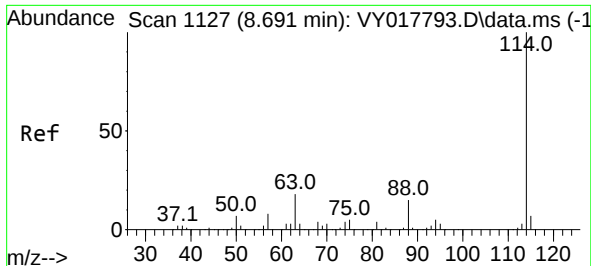
Tgt Ion:168 Resp: 26057
Ion Ratio Lower Upper
168 100
99 42.9 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 58.244 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY017888.D
Acq: 09 Apr 2024 13:02

Tgt Ion: 65 Resp: 13133
Ion Ratio Lower Upper
65 100
67 51.7 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY017888.D

Acq: 09 Apr 2024 13:02

Instrument :

MSVOA_Y

ClientSampleId :

OK-02-040924

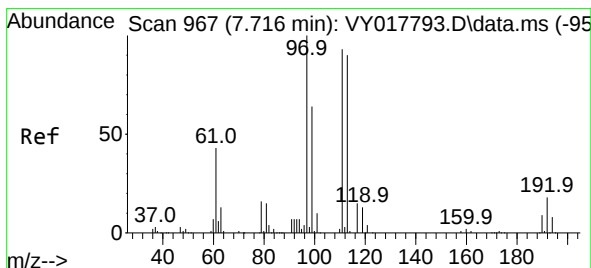
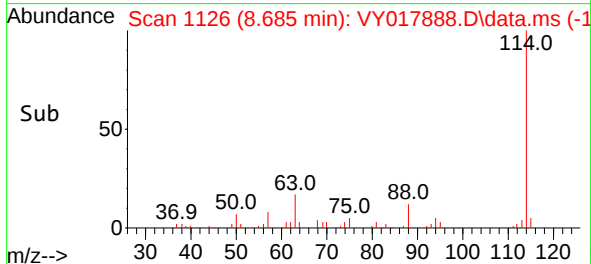
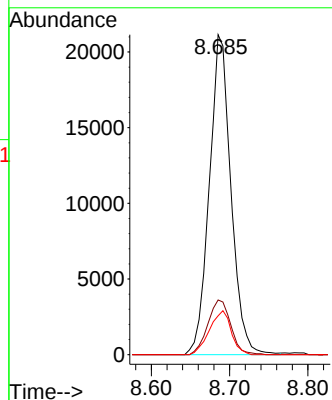
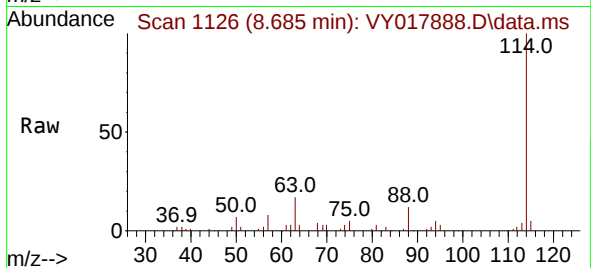
Tgt Ion:114 Resp: 40551

Ion Ratio Lower Upper

114 100

63 17.1 0.0 35.0

88 12.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 60.959 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY017888.D

Acq: 09 Apr 2024 13:02

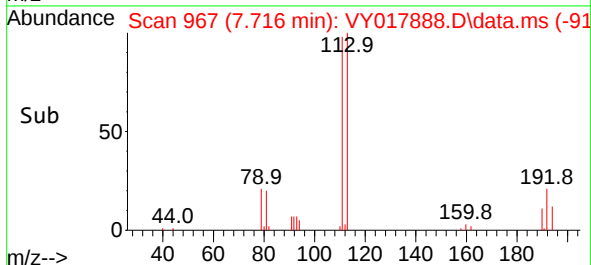
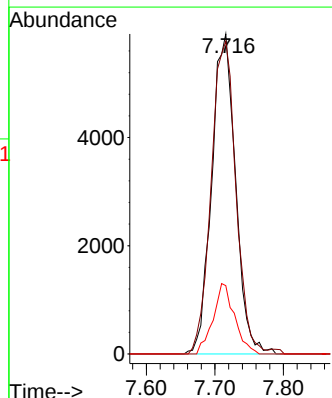
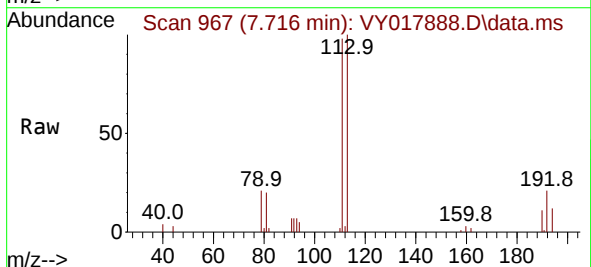
Tgt Ion:113 Resp: 14284

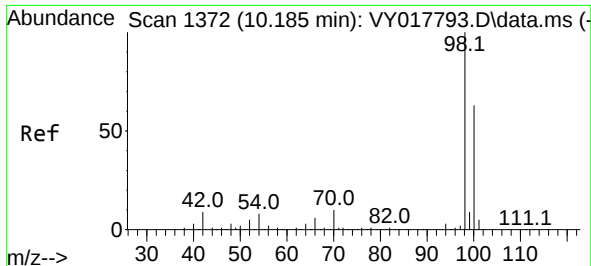
Ion Ratio Lower Upper

113 100

111 101.4 82.2 123.4

192 19.9 15.9 23.9

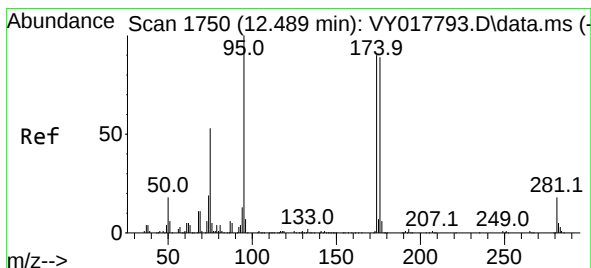
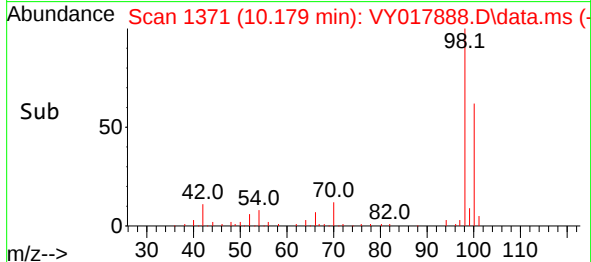
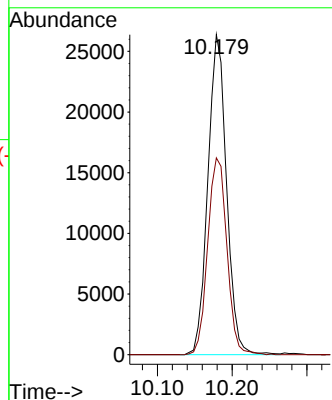
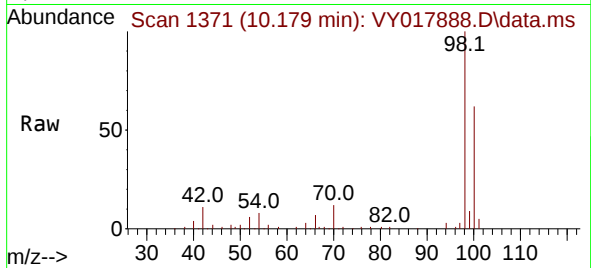




#50
Toluene-d8
Concen: 52.253 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017888.D
Acq: 09 Apr 2024 13:02

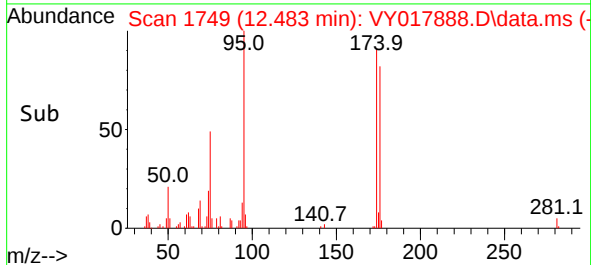
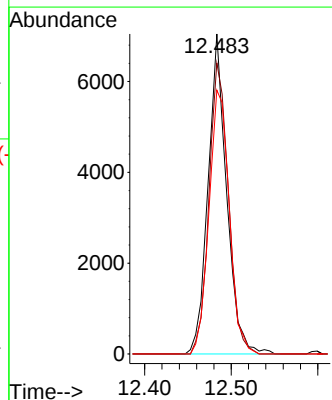
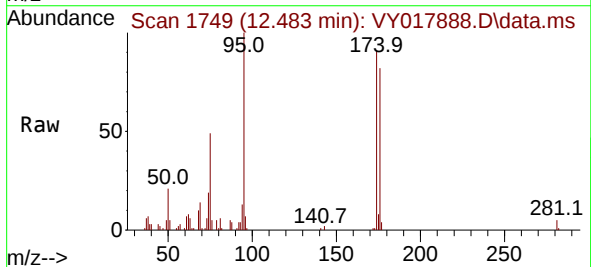
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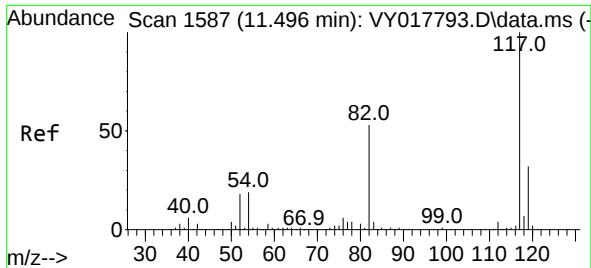
Tgt Ion: 98 Resp: 45737
Ion Ratio Lower Upper
98 100
100 63.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 39.466 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY017888.D
Acq: 09 Apr 2024 13:02

Tgt Ion: 95 Resp: 10510
Ion Ratio Lower Upper
95 100
174 95.2 0.0 175.6
176 89.9 0.0 171.4

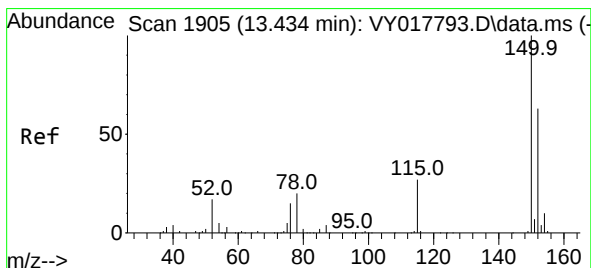
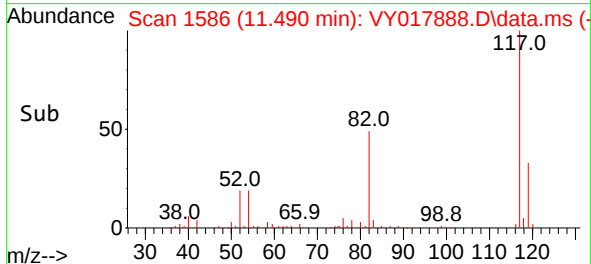
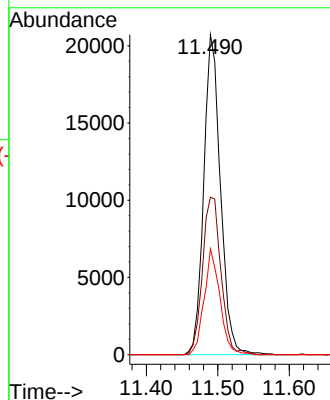
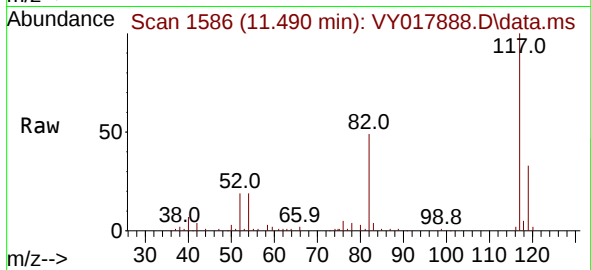




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017888.D
Acq: 09 Apr 2024 13:02

Instrument :
MSVOA_Y
ClientSampleId :
OK-02-040924

Tgt Ion:117 Resp: 33721
Ion Ratio Lower Upper
117 100
82 49.2 42.4 63.6
119 33.1 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: VY017888.D
Acq: 09 Apr 2024 13:02

Tgt Ion:152 Resp: 10502
Ion Ratio Lower Upper
152 100
115 55.2 28.2 84.7
150 157.4 0.0 345.6

