

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011224\
 Data File : VY016993.D
 Acq On : 12 Jan 2024 15:21
 Operator : SY/MD
 Sample : P1107-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-01-11124

Quant Time: Jan 13 00:06:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	109539	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	231897	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	227947	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	90766	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	53262	49.196	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.400%
35) Dibromofluoromethane	7.734	113	56480	38.221	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	76.440%
50) Toluene-d8	10.191	98	205117	40.309	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	80.620%
62) 4-Bromofluorobenzene	12.489	95	68197	39.723	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	79.440%

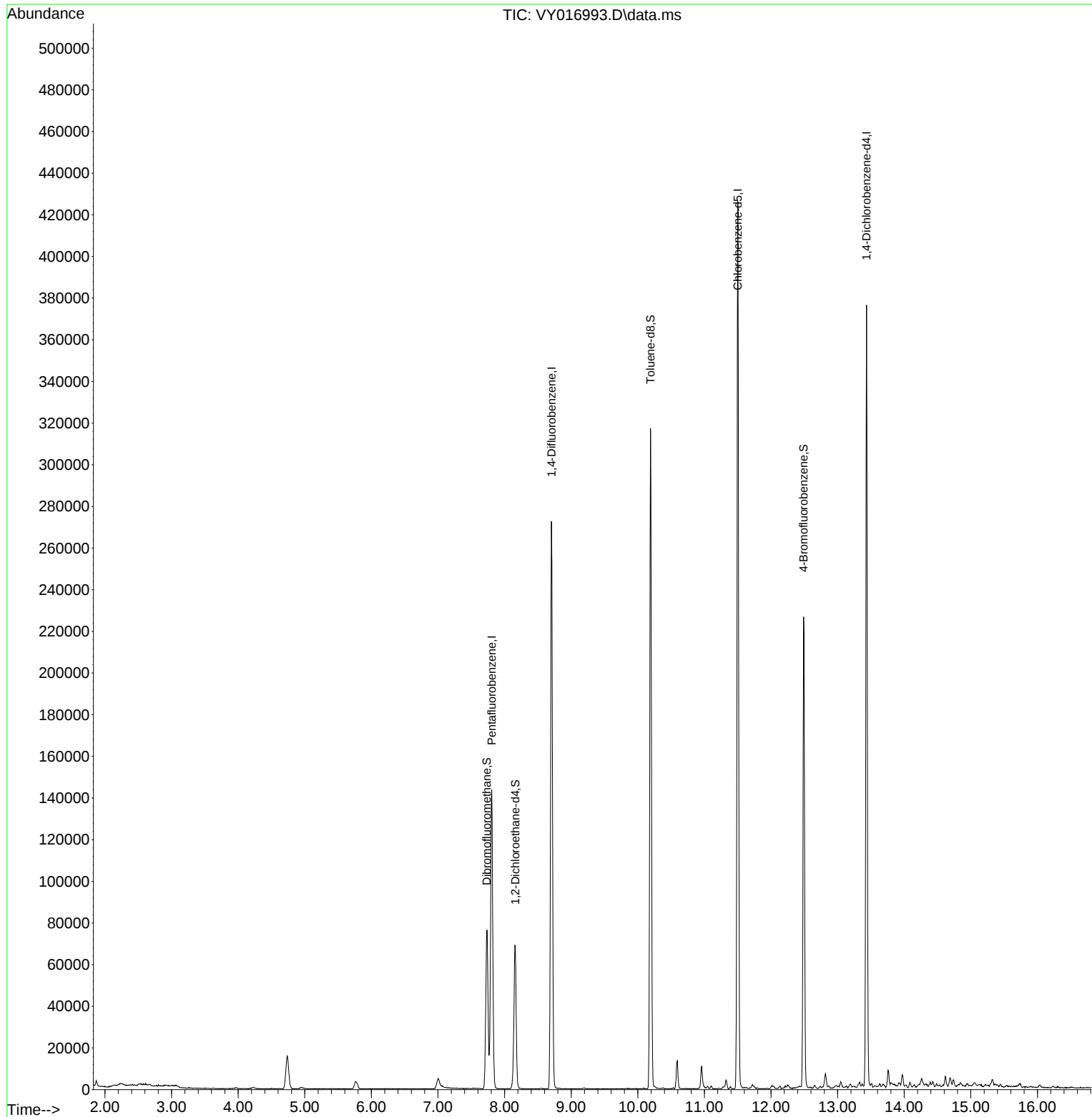
Target Compounds	Qvalue

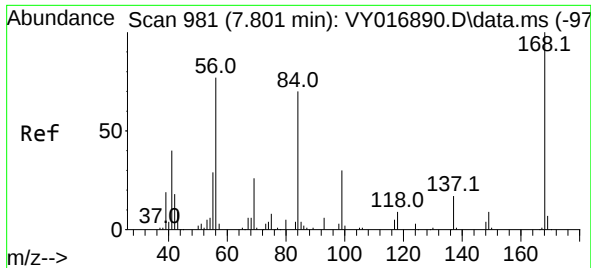
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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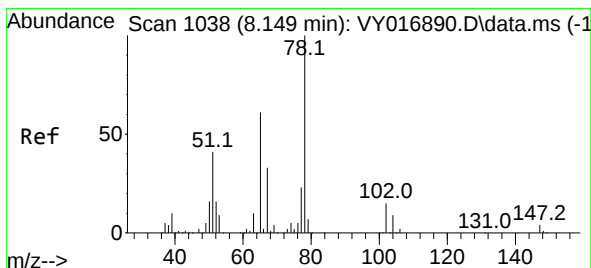
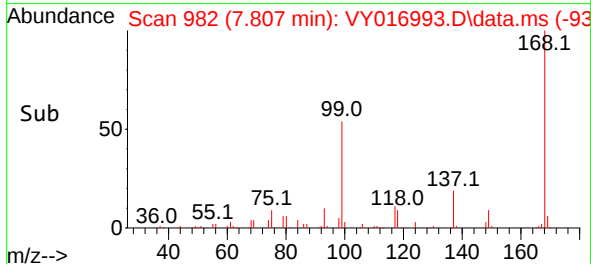
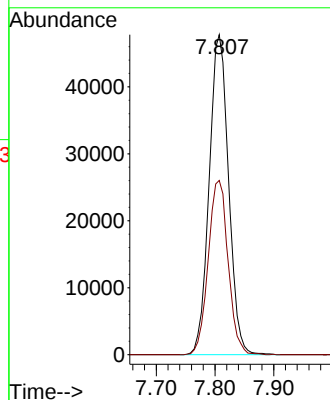
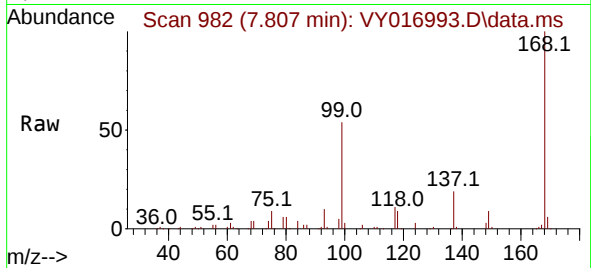




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016993.D
Acq: 12 Jan 2024 15:21

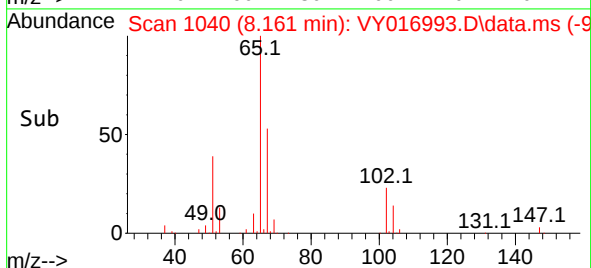
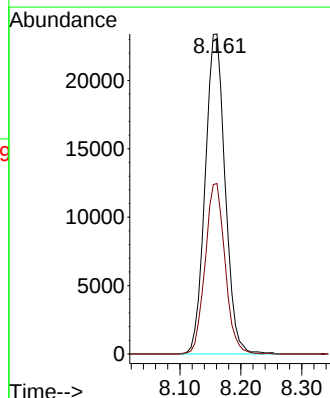
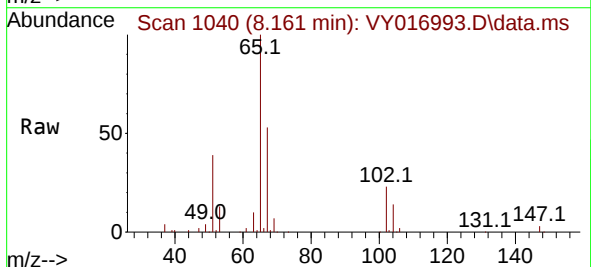
Instrument :
MSVOA_Y
ClientSampleId :
OK-01-11124

Tgt Ion:168 Resp: 109539
Ion Ratio Lower Upper
168 100
99 54.4 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 49.196 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY016993.D
Acq: 12 Jan 2024 15:21

Tgt Ion: 65 Resp: 53262
Ion Ratio Lower Upper
65 100
67 53.0 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY016993.D

Acq: 12 Jan 2024 15:21

Instrument :

MSVOA_Y

ClientSampleId :

OK-01-11124

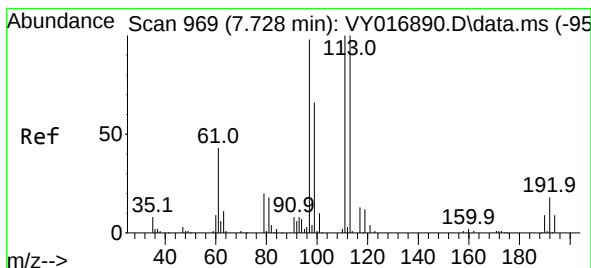
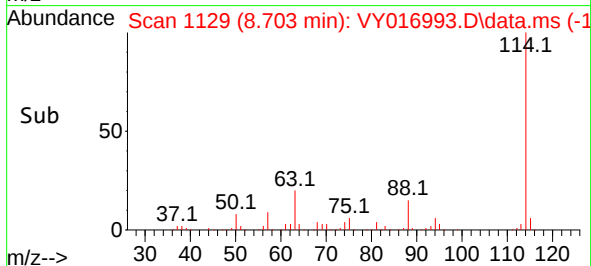
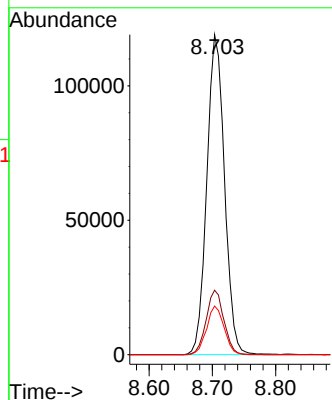
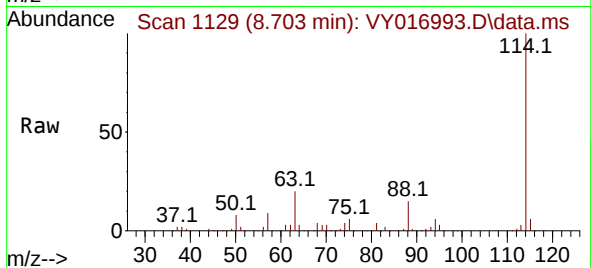
Tgt Ion:114 Resp: 231897

Ion Ratio Lower Upper

114 100

63 20.1 0.0 37.4

88 15.2 0.0 29.0



#35

Dibromofluoromethane

Concen: 38.221 ug/l

RT: 7.734 min Scan# 970

Delta R.T. 0.006 min

Lab File: VY016993.D

Acq: 12 Jan 2024 15:21

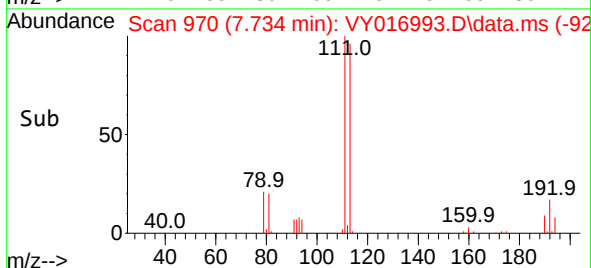
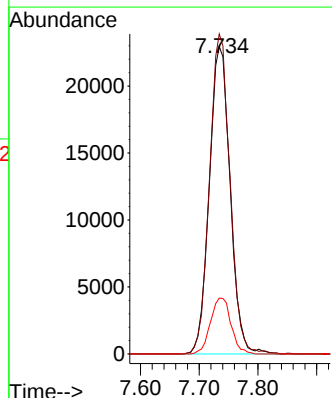
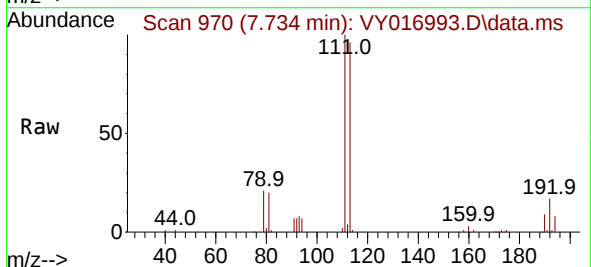
Tgt Ion:113 Resp: 56480

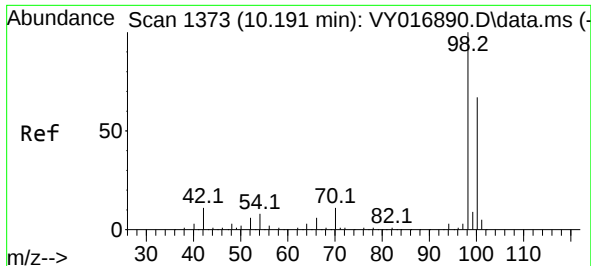
Ion Ratio Lower Upper

113 100

111 102.3 83.8 125.6

192 17.9 14.5 21.7

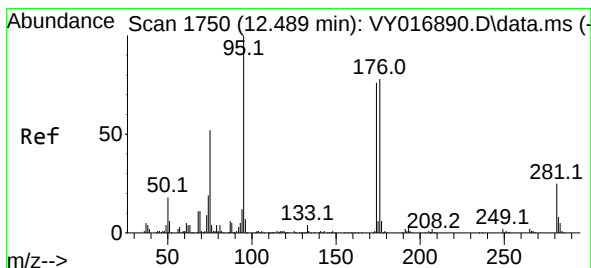
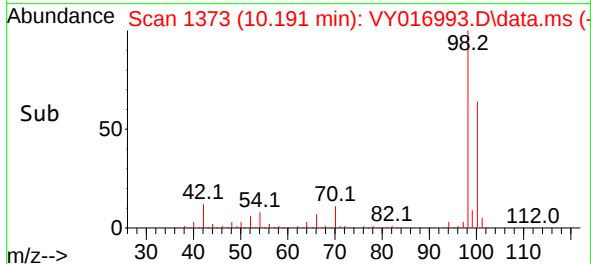
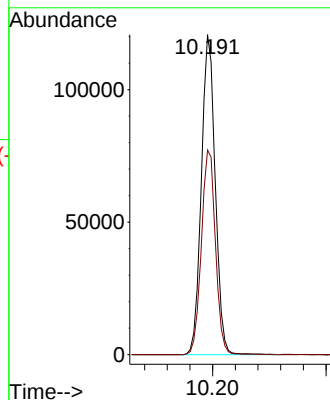
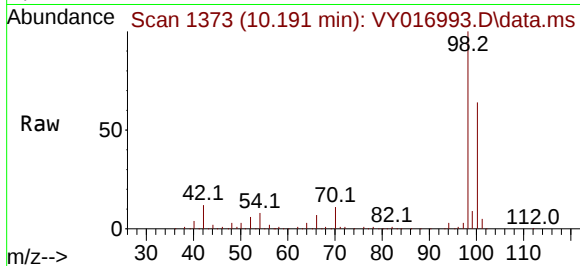




#50
Toluene-d8
Concen: 40.309 ug/l
RT: 10.191 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016993.D
Acq: 12 Jan 2024 15:21

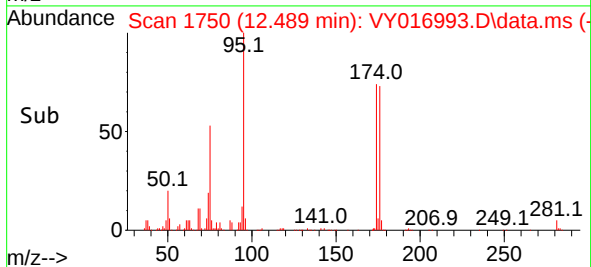
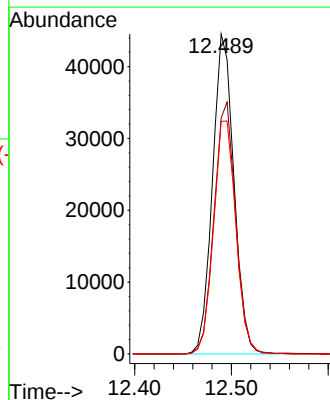
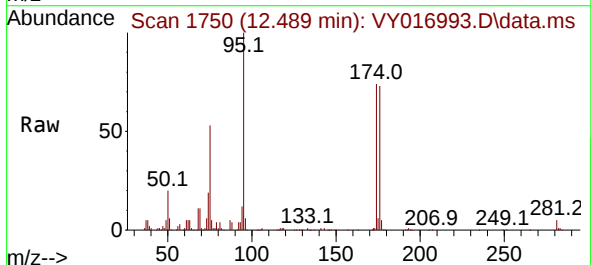
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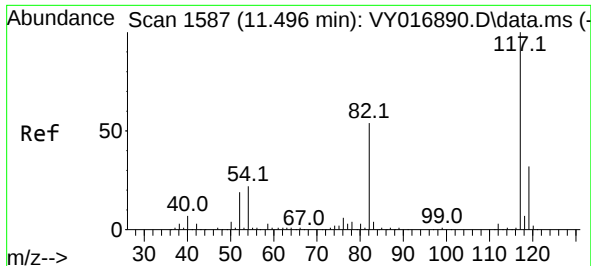
Tgt Ion: 98 Resp: 205117
Ion Ratio Lower Upper
98 100
100 64.8 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 39.723 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY016993.D
Acq: 12 Jan 2024 15:21

Tgt Ion: 95 Resp: 68197
Ion Ratio Lower Upper
95 100
174 80.2 0.0 160.0
176 76.1 0.0 151.8

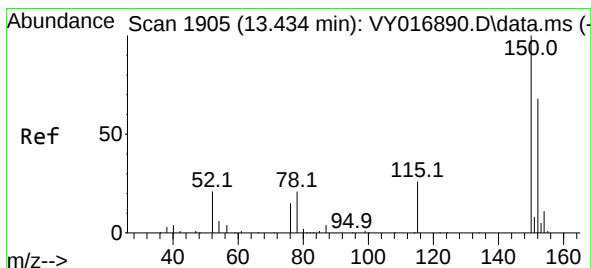
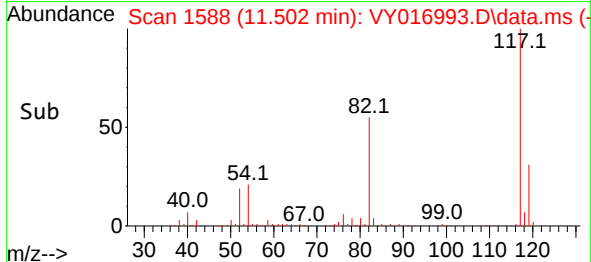
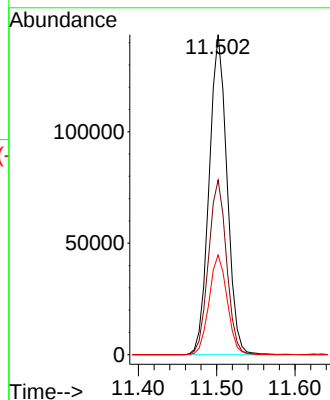
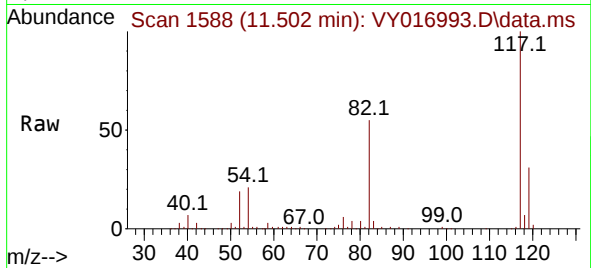




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016993.D
Acq: 12 Jan 2024 15:21

Instrument :
MSVOA_Y
ClientSampleId :
OK-01-11124

Tgt Ion:117 Resp: 227947
Ion Ratio Lower Upper
117 100
82 54.6 43.8 65.8
119 31.2 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.000 min
Lab File: VY016993.D
Acq: 12 Jan 2024 15:21

Tgt Ion:152 Resp: 90766
Ion Ratio Lower Upper
152 100
115 58.0 30.0 90.0
150 157.7 0.0 344.6

