

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122623\
 Data File : VY016848.D
 Acq On : 26 Dec 2023 13:15
 Operator : SY/MD
 Sample : 05957-12
 Misc : 3.19g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COM60

Quant Time: Dec 27 01:33:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 01:49:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	104246	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	210073	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	197743	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	73260	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	67895	71.344	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	142.680%
35) Dibromofluoromethane	7.734	113	61079	50.757	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.520%
50) Toluene-d8	10.197	98	218496	50.369	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.740%
62) 4-Bromofluorobenzene	12.495	95	67137	47.704	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.400%

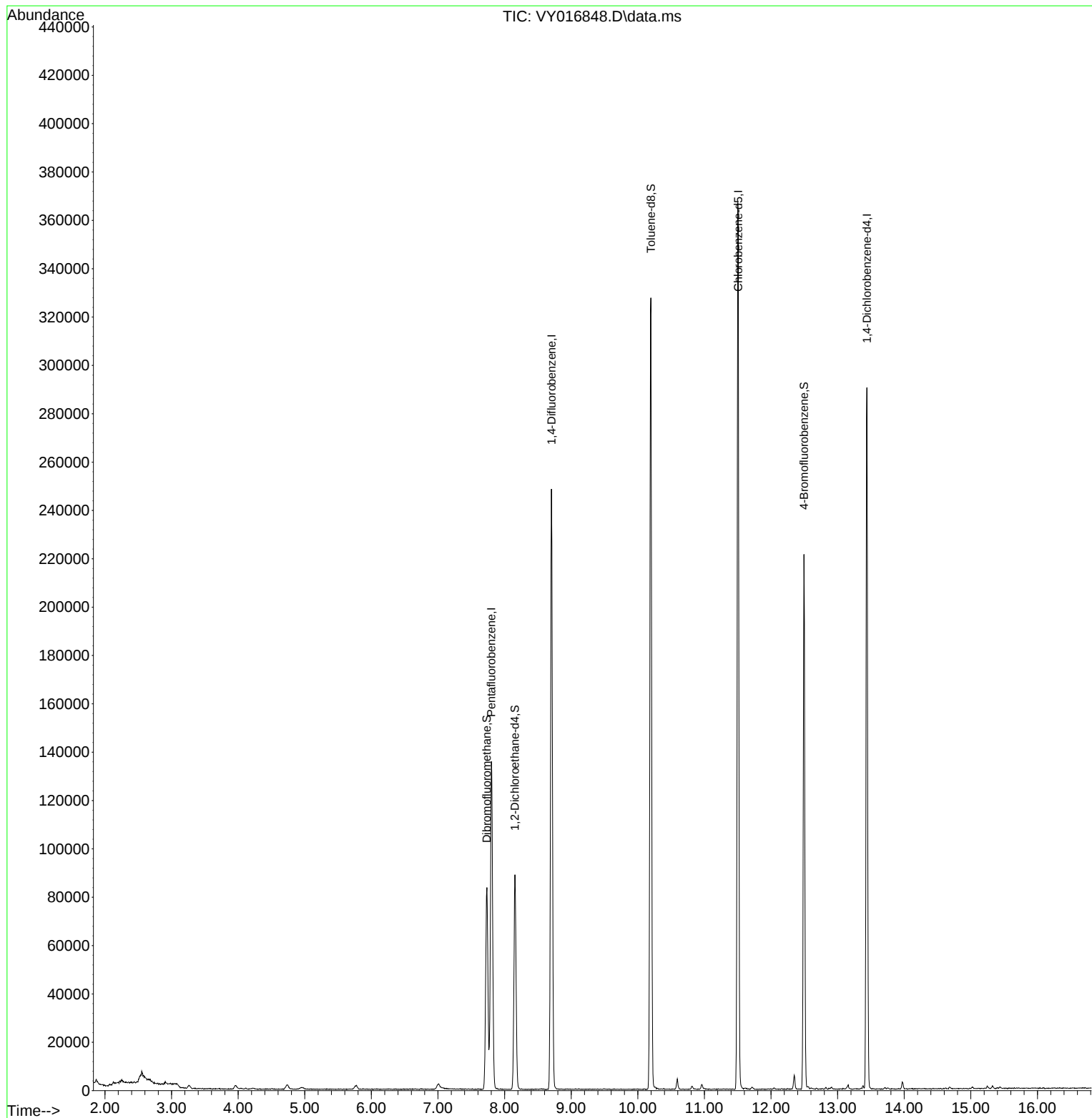
Target Compounds	Qvalue

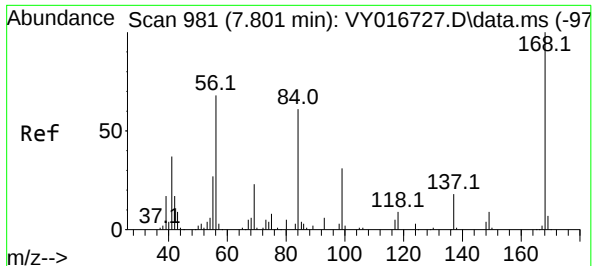
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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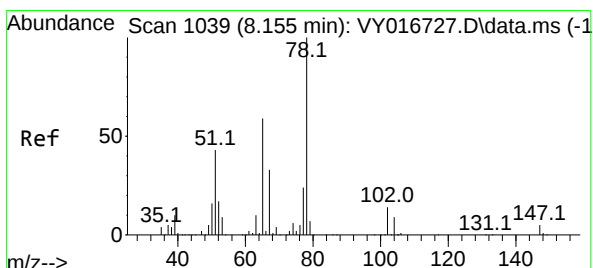
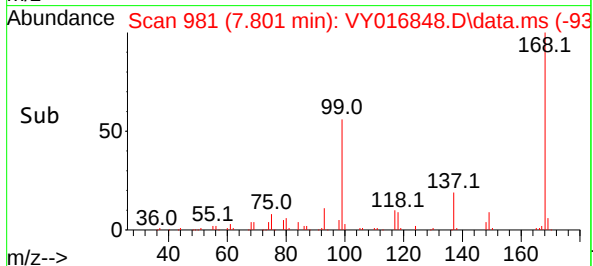
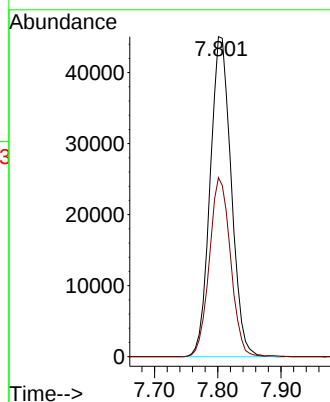
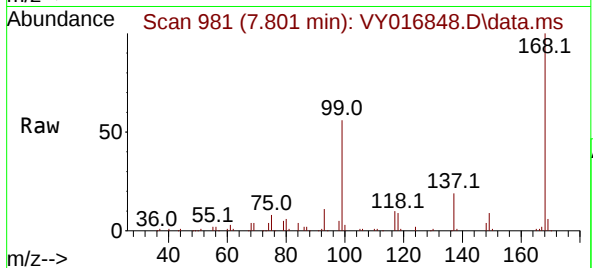




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016848.D
Acq: 26 Dec 2023 13:15

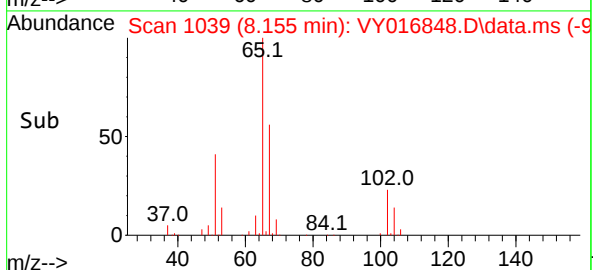
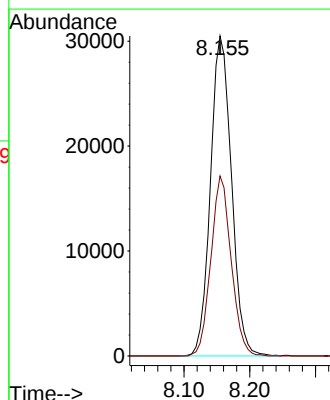
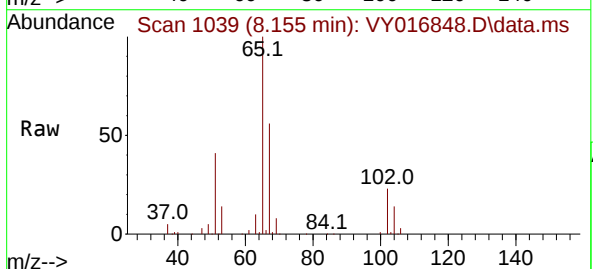
Instrument :
MSVOA_Y
ClientSampleId :
COM60

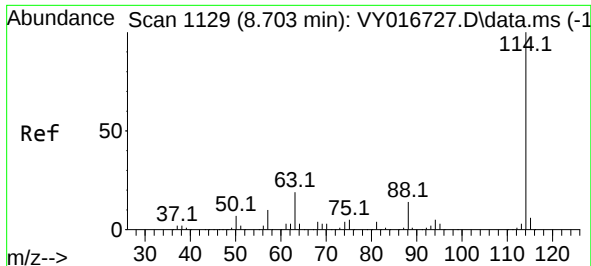
Tgt Ion:168 Resp: 104246
Ion Ratio Lower Upper
168 100
99 56.0 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 71.344 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY016848.D
Acq: 26 Dec 2023 13:15

Tgt Ion: 65 Resp: 67895
Ion Ratio Lower Upper
65 100
67 54.2 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VY016848.D

Acq: 26 Dec 2023 13:15

Instrument :

MSVOA_Y

ClientSampleId :

COM60

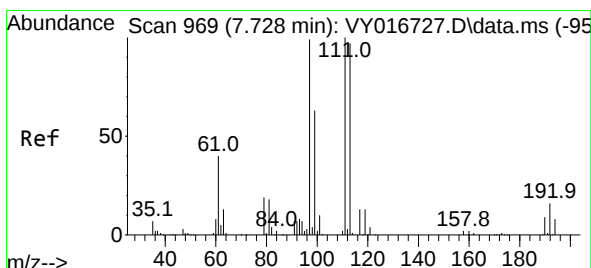
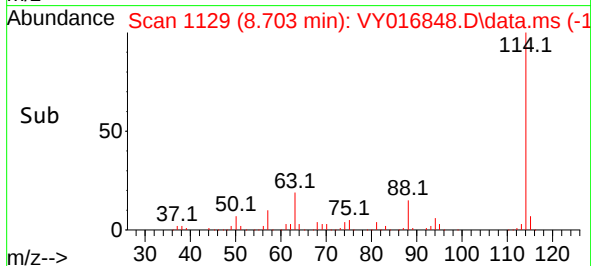
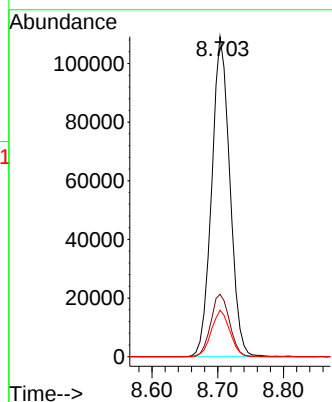
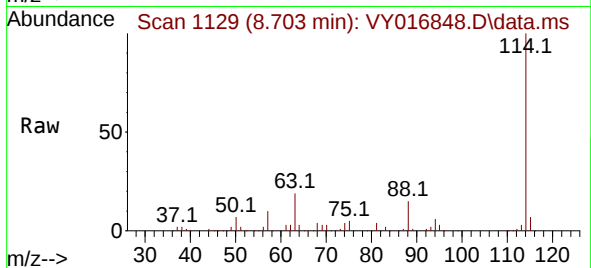
Tgt Ion:114 Resp: 210073

Ion Ratio Lower Upper

114 100

63 19.5 0.0 37.4

88 14.5 0.0 29.0



#35

Dibromofluoromethane

Concen: 50.757 ug/l

RT: 7.734 min Scan# 970

Delta R.T. 0.006 min

Lab File: VY016848.D

Acq: 26 Dec 2023 13:15

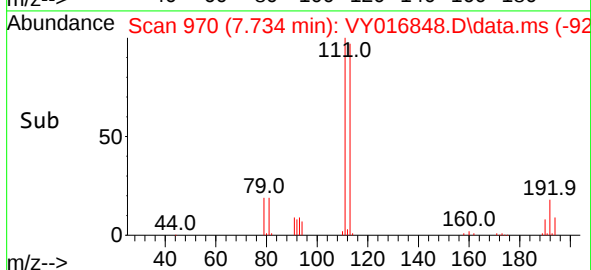
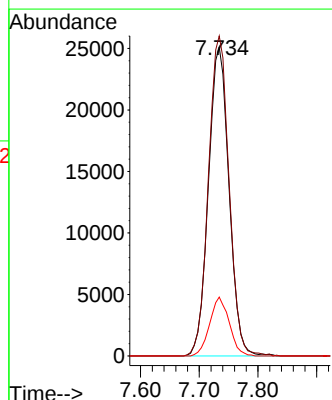
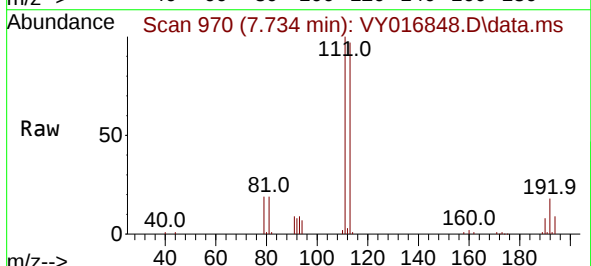
Tgt Ion:113 Resp: 61079

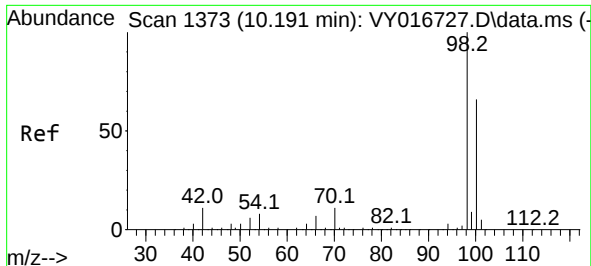
Ion Ratio Lower Upper

113 100

111 103.6 83.8 125.6

192 18.2 14.5 21.7

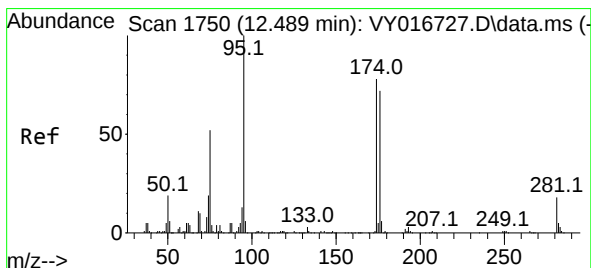
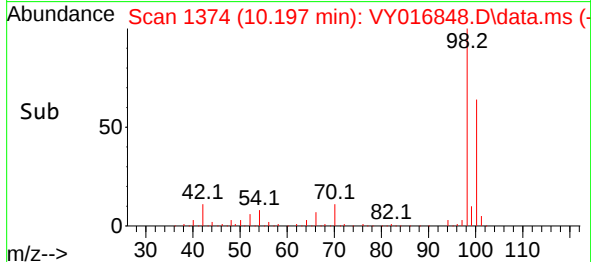
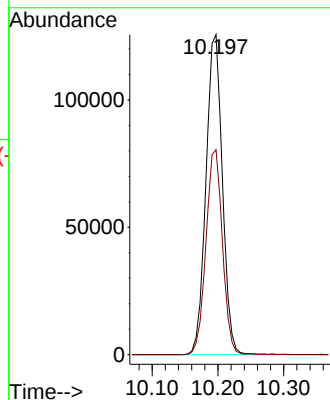
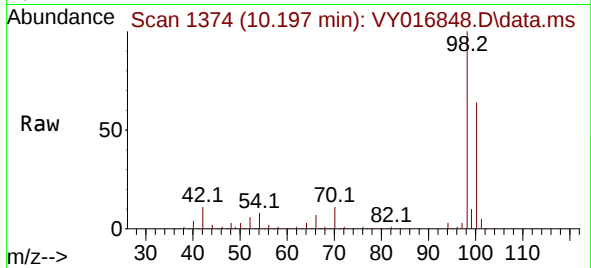




#50
Toluene-d8
Concen: 50.369 ug/l
RT: 10.197 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016848.D
Acq: 26 Dec 2023 13:15

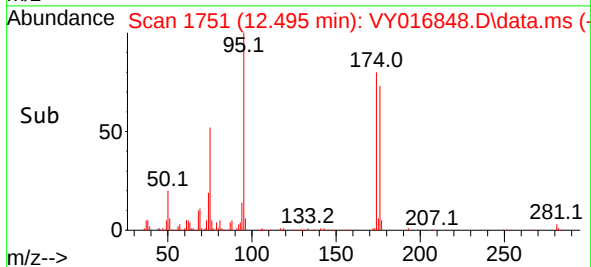
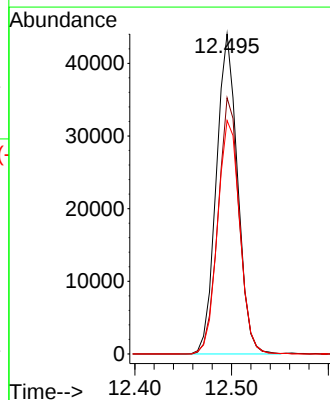
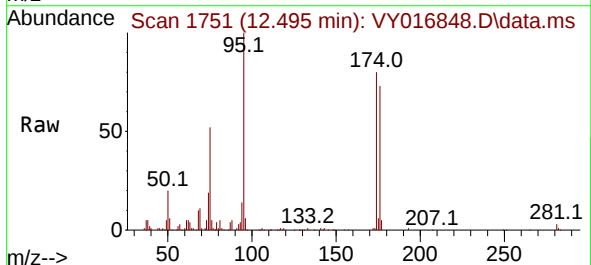
Instrument :
MSVOA_Y
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COM60

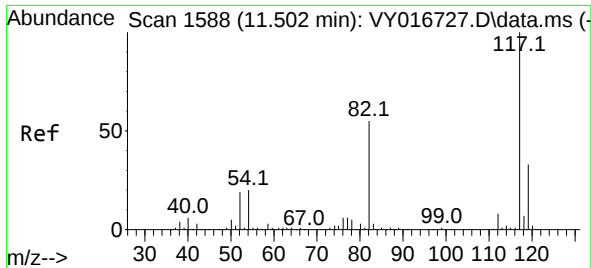
Tgt Ion: 98 Resp: 218496
Ion Ratio Lower Upper
98 100
100 64.3 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 47.704 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016848.D
Acq: 26 Dec 2023 13:15

Tgt Ion: 95 Resp: 67137
Ion Ratio Lower Upper
95 100
174 79.9 0.0 160.0
176 76.2 0.0 151.8

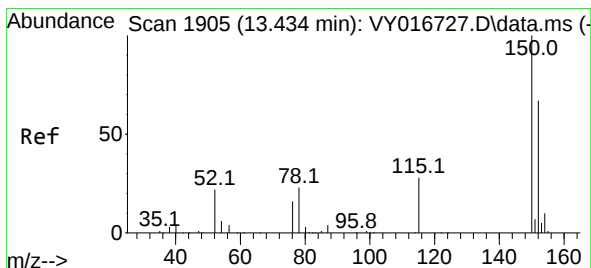
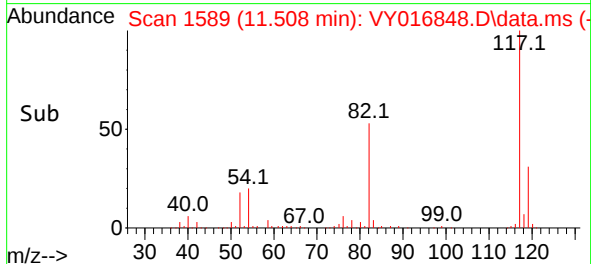
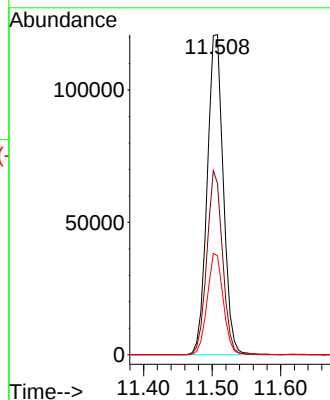
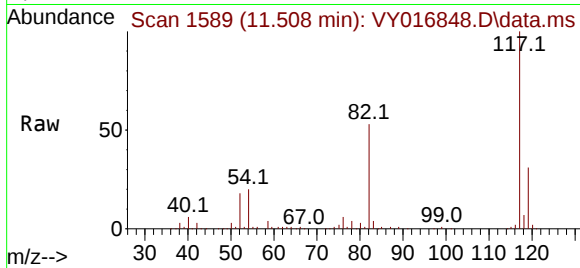




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016848.D
Acq: 26 Dec 2023 13:15

Instrument :
MSVOA_Y
ClientSampleId :
COM60

Tgt Ion:117 Resp: 197743
Ion Ratio Lower Upper
117 100
82 53.5 43.8 65.8
119 31.0 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.006 min
Lab File: VY016848.D
Acq: 26 Dec 2023 13:15

Tgt Ion:152 Resp: 73260
Ion Ratio Lower Upper
152 100
115 59.4 30.0 90.0
150 160.1 0.0 344.6

