

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122123\
 Data File : VY016767.D
 Acq On : 21 Dec 2023 19:20
 Operator : SY/MD
 Sample : 05878-02
 Misc : 5.12g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COLY9

Quant Time: Dec 22 00:45:38 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	7.807	168	109275	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.704	114	228162	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	215653	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	79380	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	63415	63.570	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	127.140%
35) Dibromofluoromethane	7.734	113	62460	47.790	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.580%
50) Toluene-d8	10.197	98	219281	46.542	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.080%
62) 4-Bromofluorobenzene	12.496	95	72260	47.274	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.540%

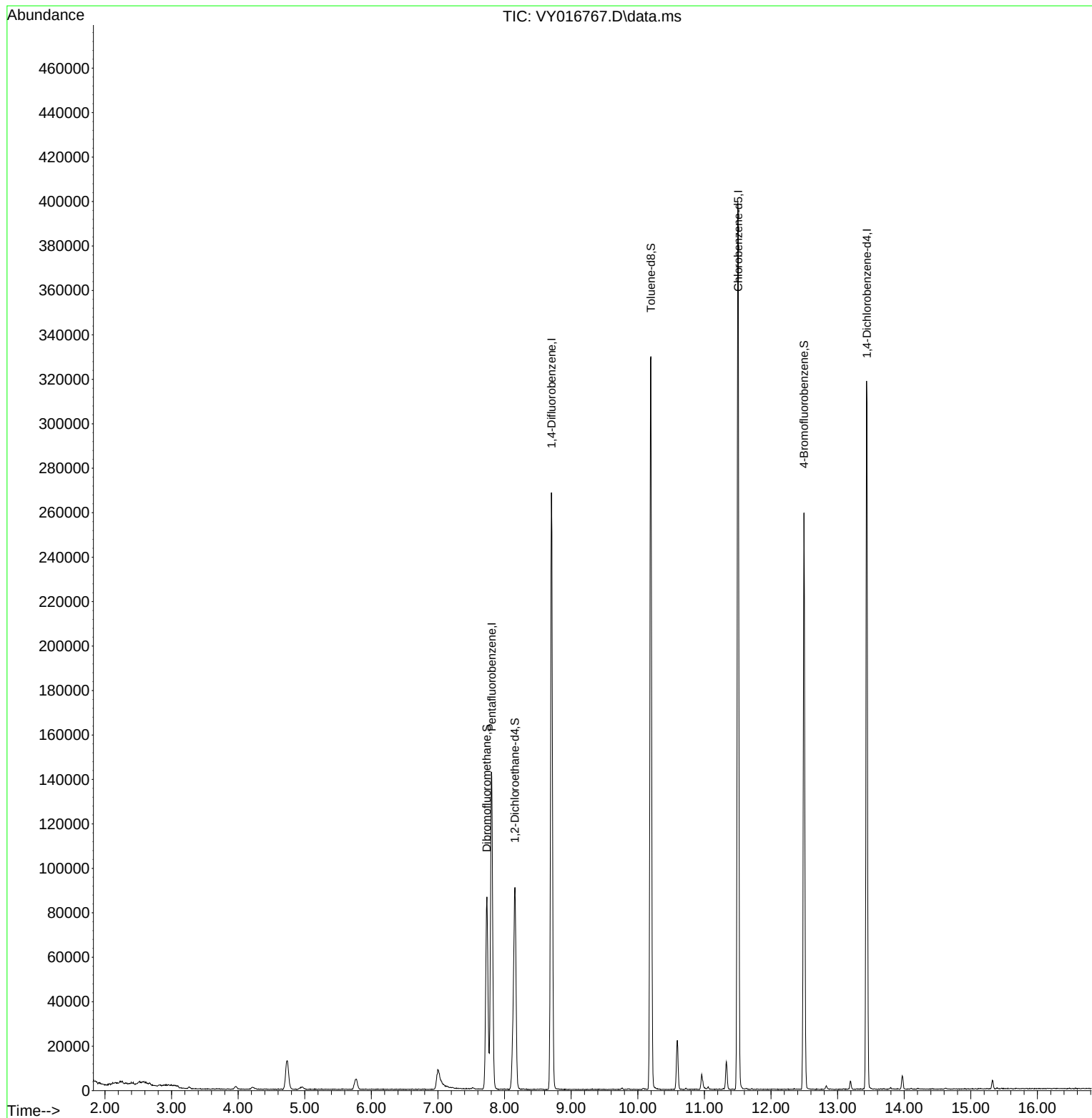
Target Compounds	Qvalue

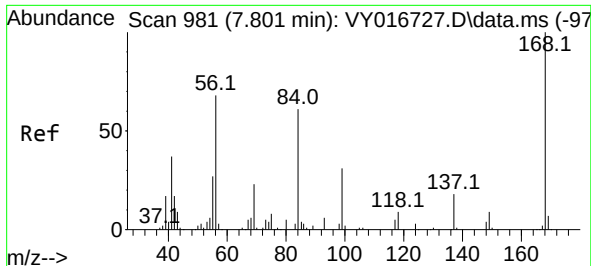
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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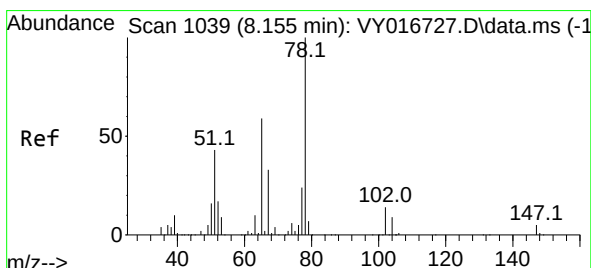
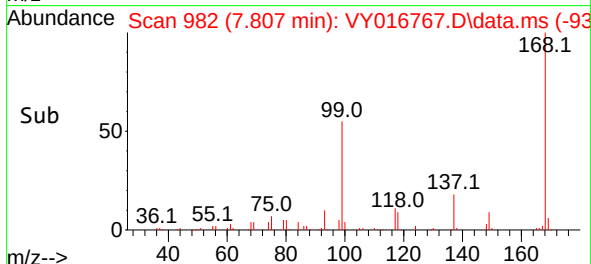
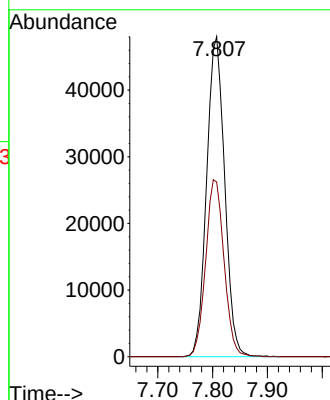
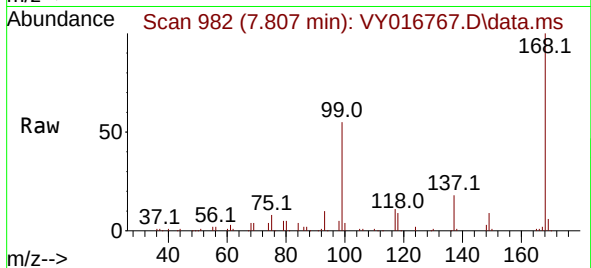




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY016767.D
Acq: 21 Dec 2023 19:20

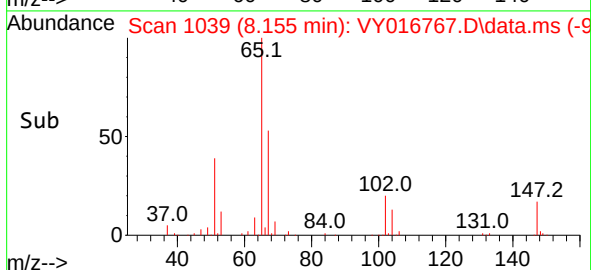
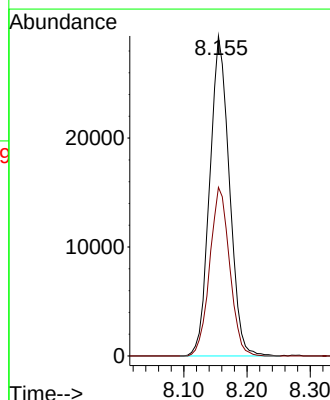
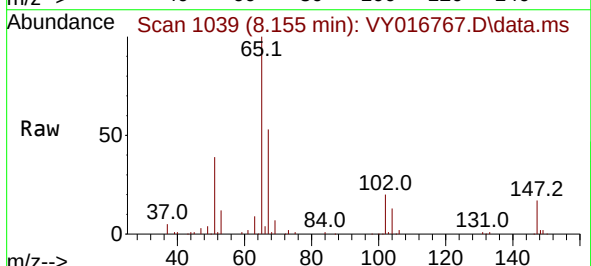
Instrument :
MSVOA_Y
ClientSampleId :
COLY9

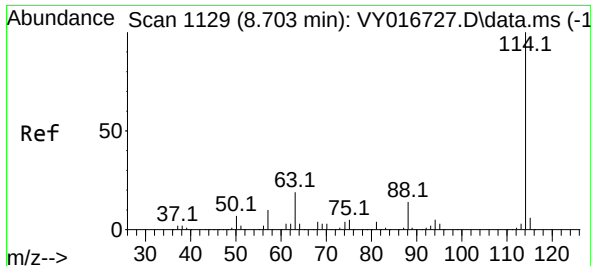
Tgt Ion:168 Resp: 109275
Ion Ratio Lower Upper
168 100
99 54.6 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 63.570 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY016767.D
Acq: 21 Dec 2023 19:20

Tgt Ion: 65 Resp: 63415
Ion Ratio Lower Upper
65 100
67 53.3 0.0 109.0

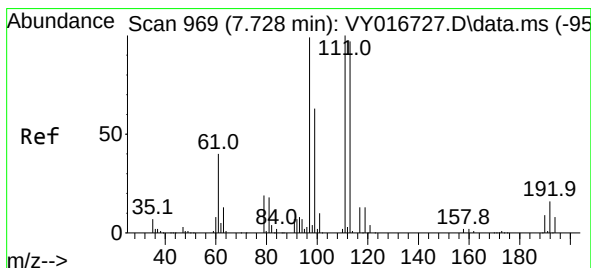
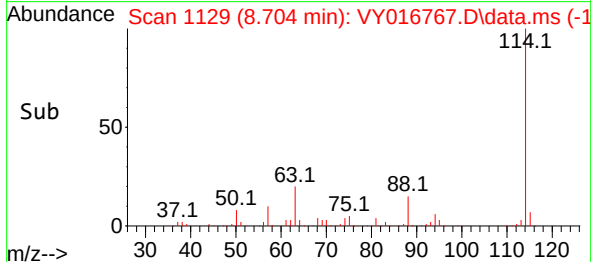
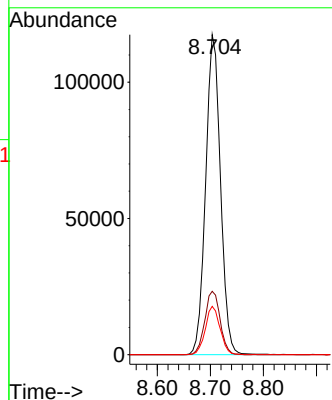
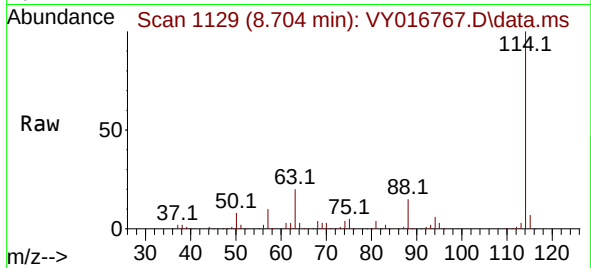




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.704 min Scan# 1129
Delta R.T. 0.001 min
Lab File: VY016767.D
Acq: 21 Dec 2023 19:20

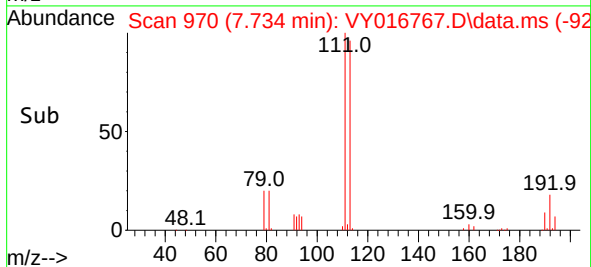
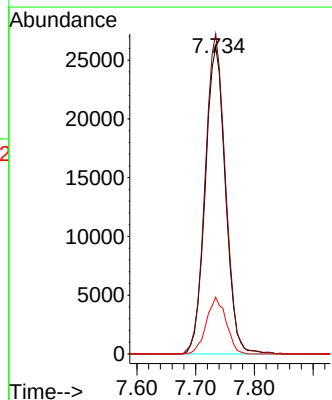
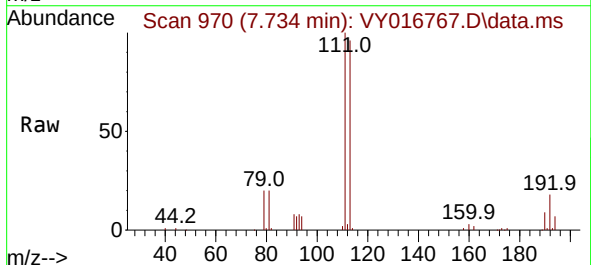
Instrument :
MSVOA_Y
ClientSampleId :
COLY9

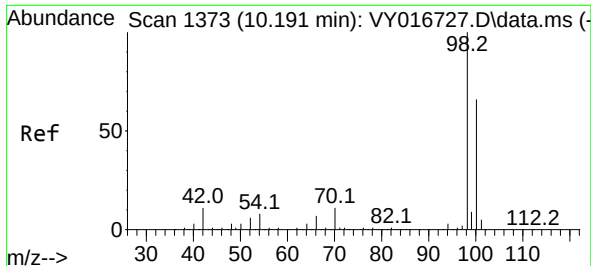
Tgt Ion:114 Resp: 228162
Ion Ratio Lower Upper
114 100
63 19.8 0.0 37.4
88 15.1 0.0 29.0



#35
Dibromofluoromethane
Concen: 47.790 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY016767.D
Acq: 21 Dec 2023 19:20

Tgt Ion:113 Resp: 62460
Ion Ratio Lower Upper
113 100
111 104.7 83.8 125.6
192 18.1 14.5 21.7

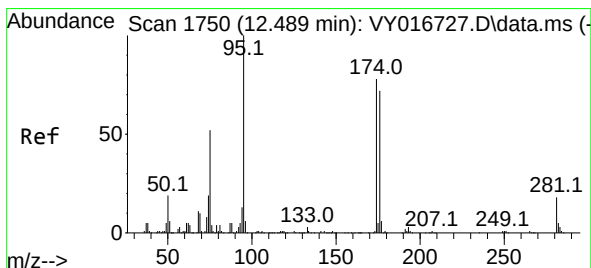
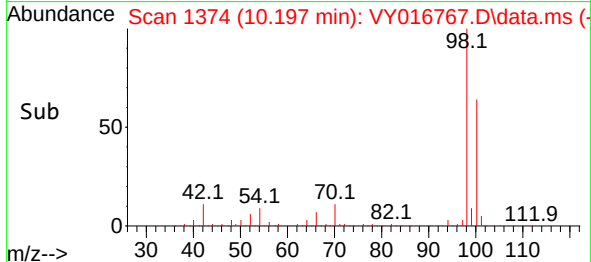
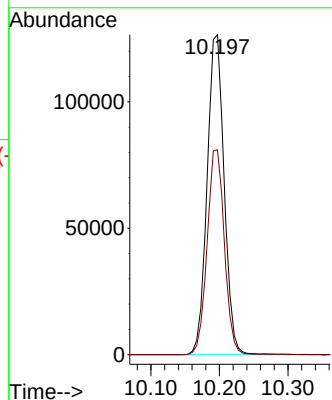
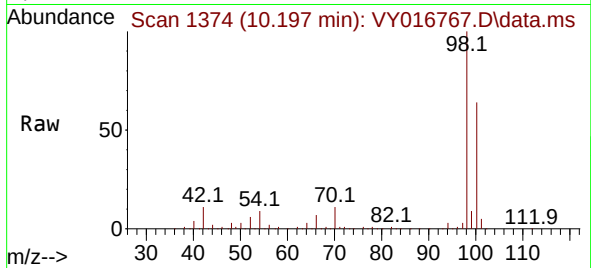




#50
Toluene-d8
Concen: 46.542 ug/l
RT: 10.197 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016767.D
Acq: 21 Dec 2023 19:20

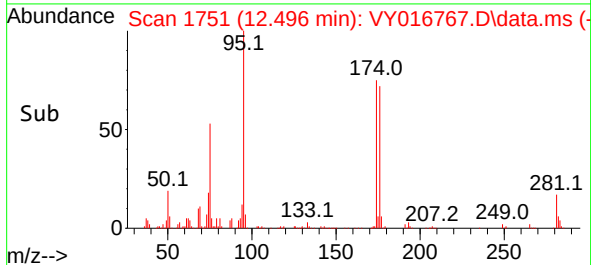
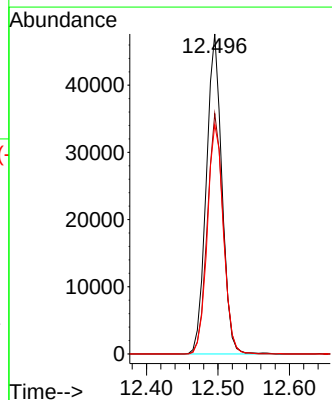
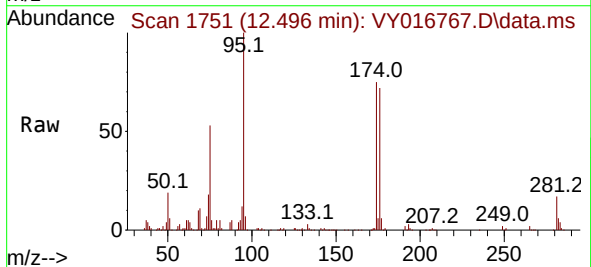
Instrument :
MSVOA_Y
ClientSampleId :
COLY9

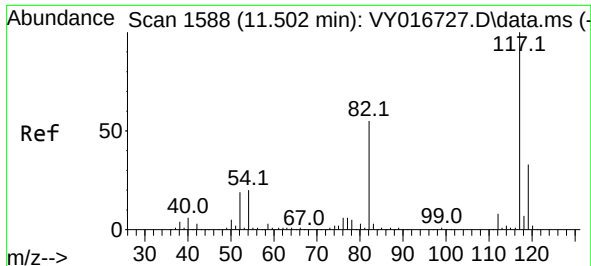
Tgt Ion: 98 Resp: 219281
Ion Ratio Lower Upper
98 100
100 64.8 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 47.274 ug/l
RT: 12.496 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016767.D
Acq: 21 Dec 2023 19:20

Tgt Ion: 95 Resp: 72260
Ion Ratio Lower Upper
95 100
174 76.5 0.0 160.0
176 73.6 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: VY016767.D

Acq: 21 Dec 2023 19:20

Instrument :

MSVOA_Y

ClientSampleId :

C0LY9

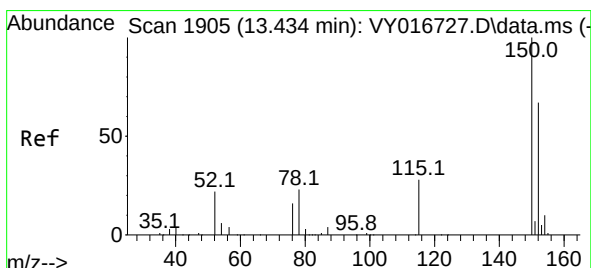
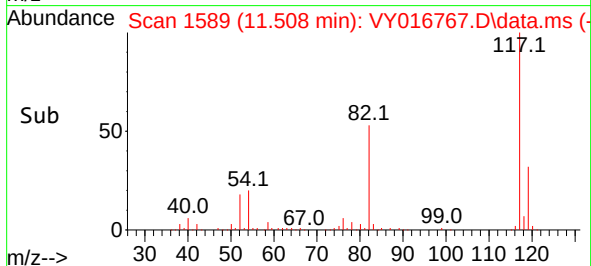
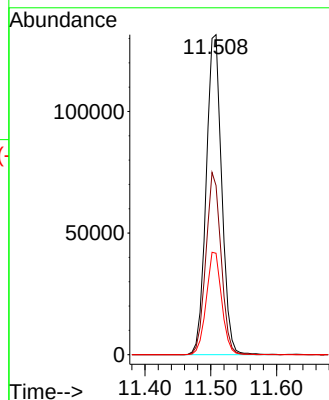
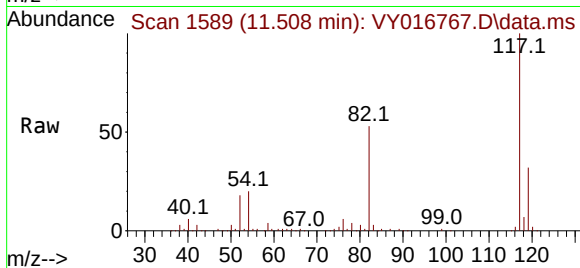
Tgt Ion:117 Resp: 215653

Ion Ratio Lower Upper

117 100

82 52.9 43.8 65.8

119 31.7 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: VY016767.D

Acq: 21 Dec 2023 19:20

Tgt Ion:152 Resp: 79380

Ion Ratio Lower Upper

152 100

115 59.4 30.0 90.0

150 158.5 0.0 344.6

