

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122123\
 Data File : VY016795.D
 Acq On : 22 Dec 2023 07:19
 Operator : SY/MD
 Sample : 05877-21
 Misc : 3.25g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COM58

Quant Time: Dec 22 08:01:04 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	7.825	168	122642	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.722	114	249017	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.514	117	216844	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.452	152	72632	50.000	ug/l	0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	53954	48.191	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.380%
35) Dibromofluoromethane	7.752	113	58085	40.721	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	81.440%
50) Toluene-d8	10.209	98	210301	40.898	ug/l	0.02
Spiked Amount	50.000	Range	58 - 134	Recovery	=	81.800%
62) 4-Bromofluorobenzene	12.508	95	62341	37.369	ug/l	0.02
Spiked Amount	50.000	Range	30 - 143	Recovery	=	74.740%

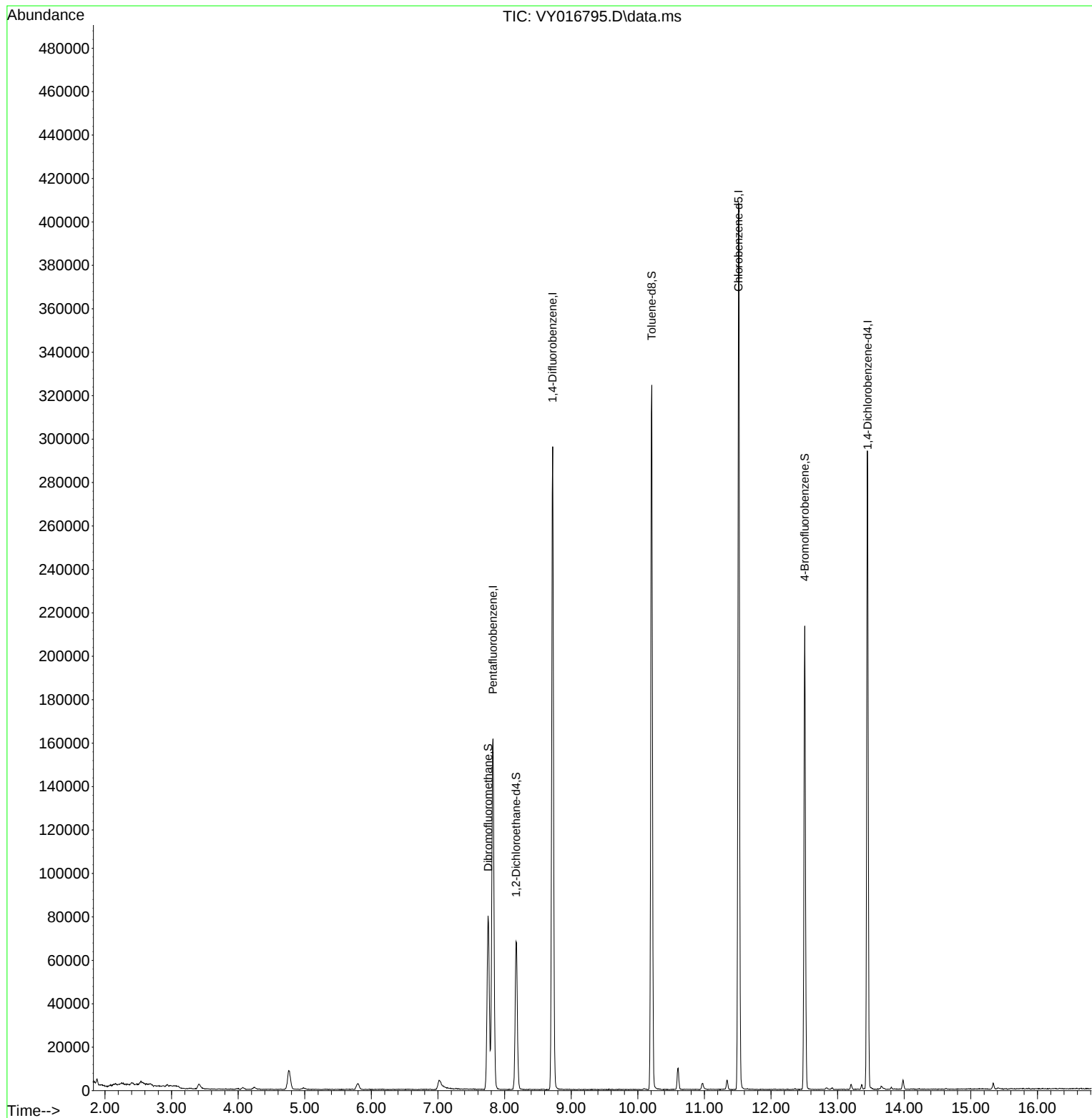
Target Compounds	Qvalue

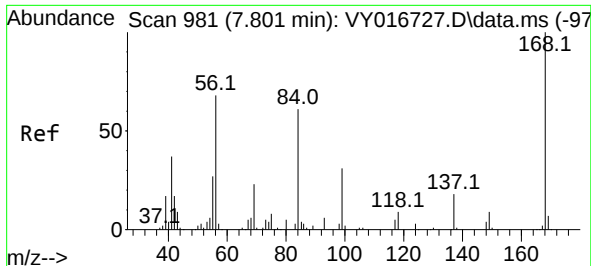
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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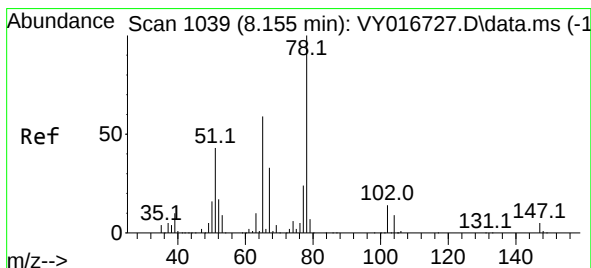
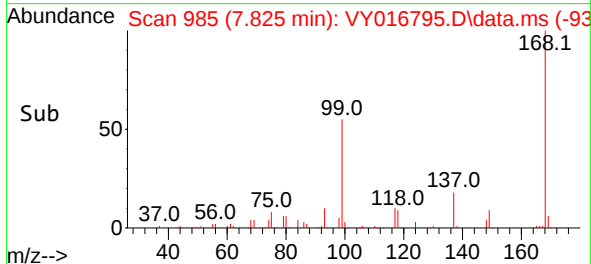
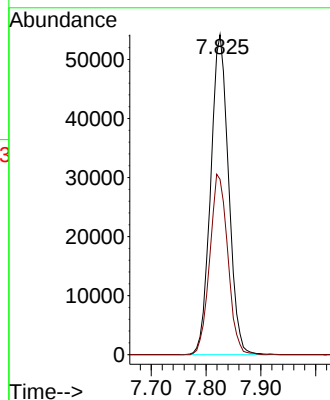
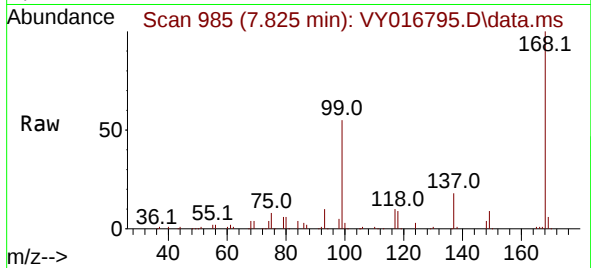




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.825 min Scan# 91
Delta R.T. 0.024 min
Lab File: VY016795.D
Acq: 22 Dec 2023 07:19

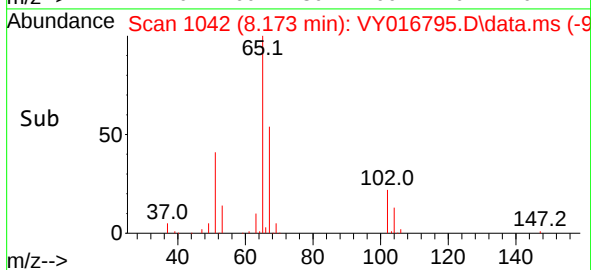
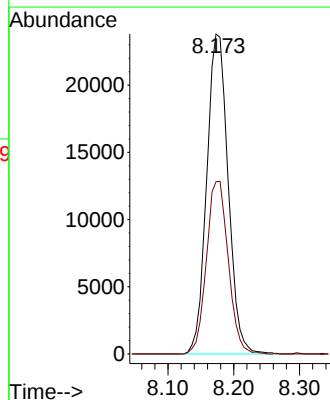
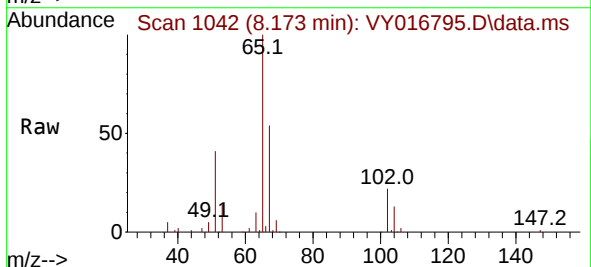
Instrument :
MSVOA_Y
ClientSampleId :
COM58

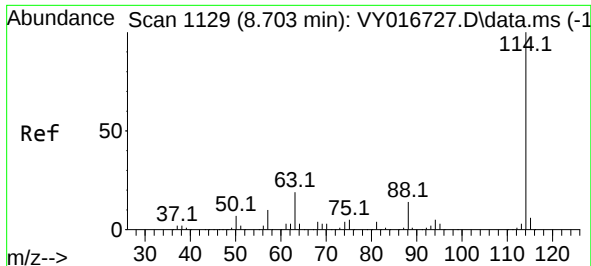
Tgt Ion:168 Resp: 122642
Ion Ratio Lower Upper
168 100
99 54.8 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 48.191 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. 0.018 min
Lab File: VY016795.D
Acq: 22 Dec 2023 07:19

Tgt Ion: 65 Resp: 53954
Ion Ratio Lower Upper
65 100
67 55.0 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.722 min Scan# 1129

Delta R.T. 0.019 min

Lab File: VY016795.D

Acq: 22 Dec 2023 07:19

Instrument :

MSVOA_Y

ClientSampleId :

COM58

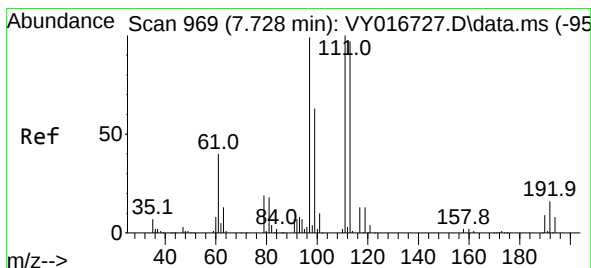
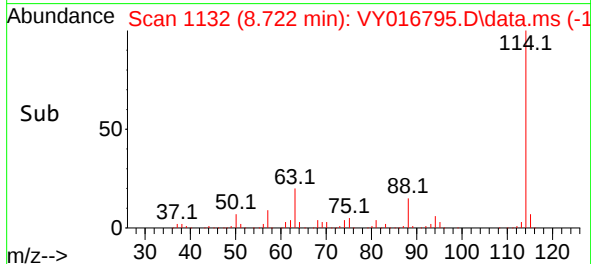
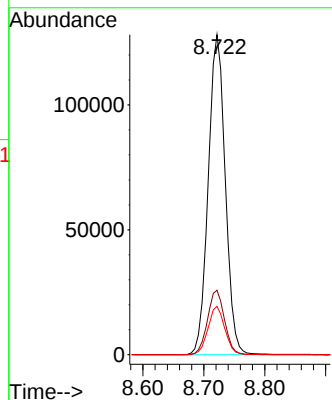
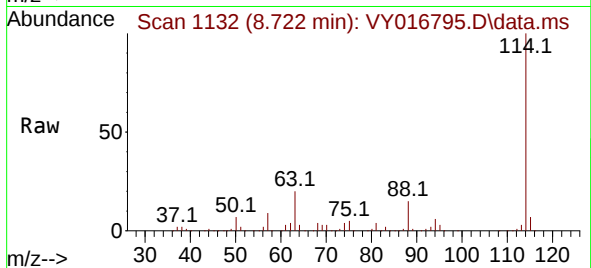
Tgt Ion:114 Resp: 249017

Ion Ratio Lower Upper

114 100

63 20.1 0.0 37.4

88 15.1 0.0 29.0



#35

Dibromofluoromethane

Concen: 40.721 ug/l

RT: 7.752 min Scan# 973

Delta R.T. 0.025 min

Lab File: VY016795.D

Acq: 22 Dec 2023 07:19

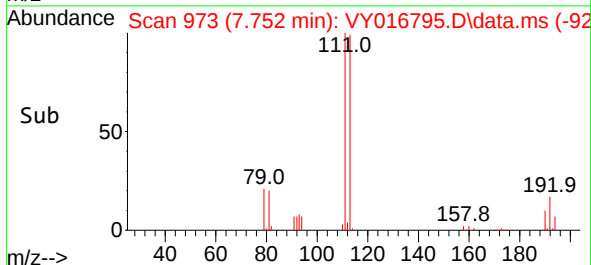
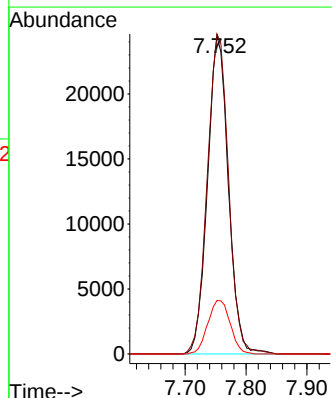
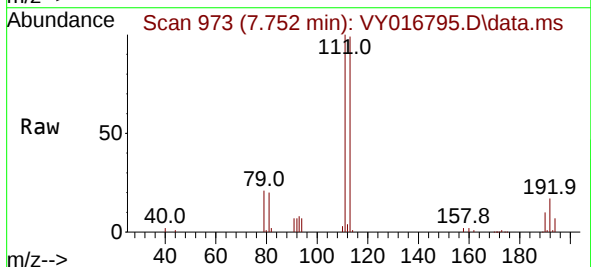
Tgt Ion:113 Resp: 58085

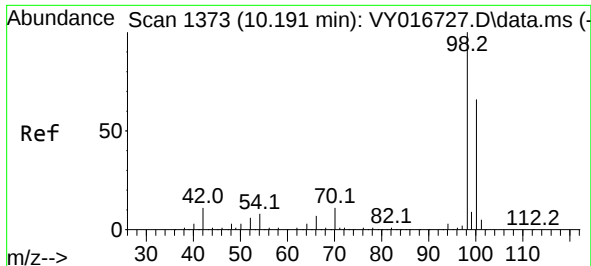
Ion Ratio Lower Upper

113 100

111 102.8 83.8 125.6

192 18.1 14.5 21.7

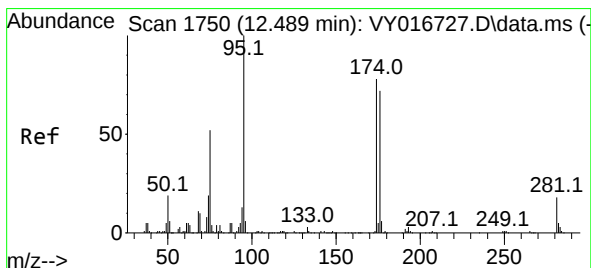
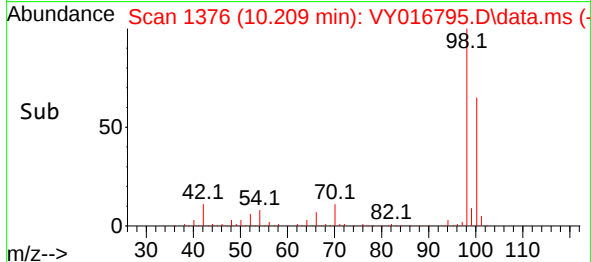
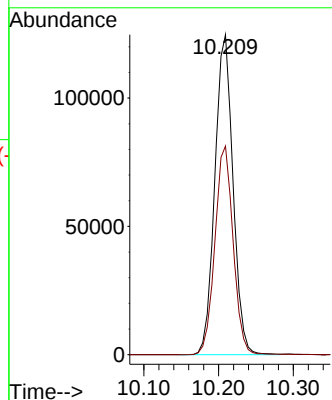
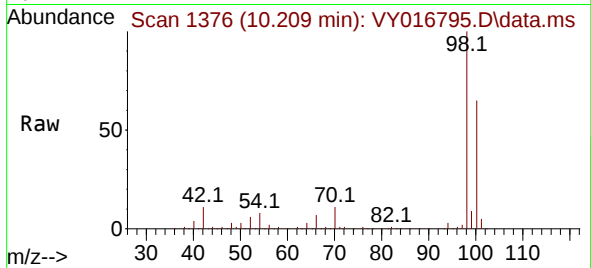




#50
Toluene-d8
Concen: 40.898 ug/l
RT: 10.209 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY016795.D
Acq: 22 Dec 2023 07:19

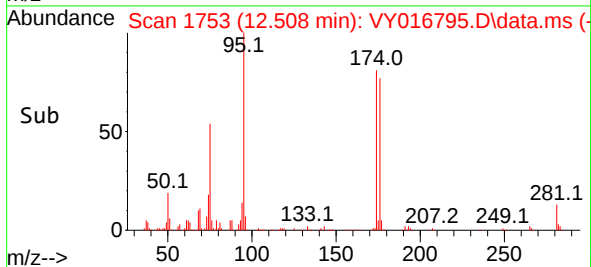
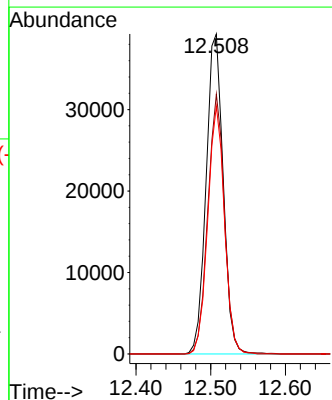
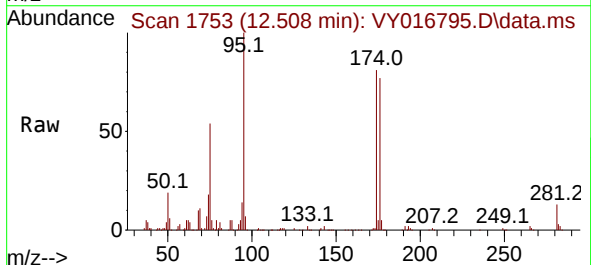
Instrument :
MSVOA_Y
ClientSampleId :
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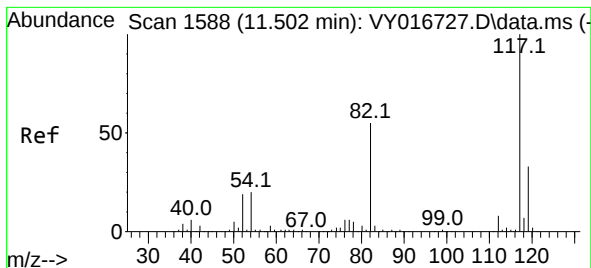
Tgt Ion: 98 Resp: 210301
Ion Ratio Lower Upper
98 100
100 65.6 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 37.369 ug/l
RT: 12.508 min Scan# 1753
Delta R.T. 0.018 min
Lab File: VY016795.D
Acq: 22 Dec 2023 07:19

Tgt Ion: 95 Resp: 62341
Ion Ratio Lower Upper
95 100
174 79.2 0.0 160.0
176 75.5 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.514 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016795.D

Acq: 22 Dec 2023 07:19

Instrument :

MSVOA_Y

ClientSampleId :

COM58

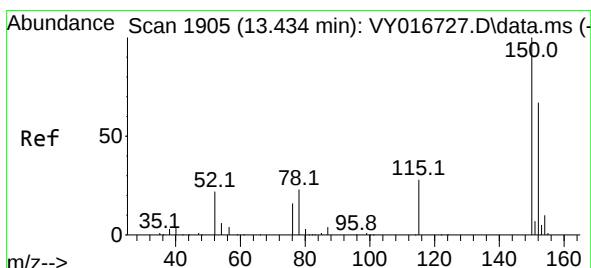
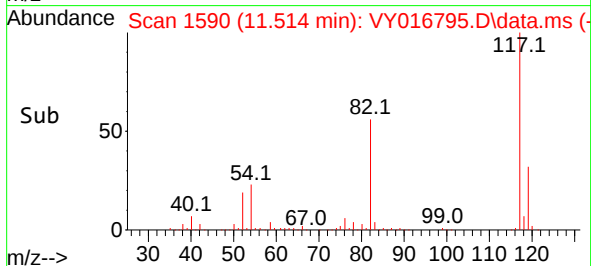
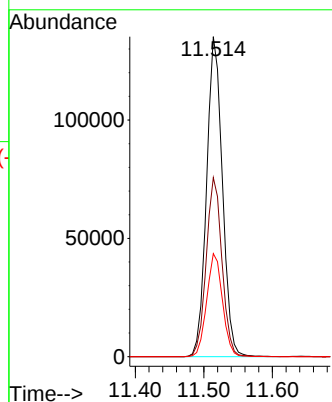
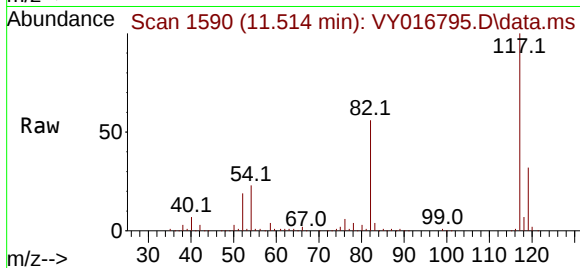
Tgt Ion:117 Resp: 216844

Ion Ratio Lower Upper

117 100

82 56.0 43.8 65.8

119 32.2 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.452 min Scan# 1908

Delta R.T. 0.018 min

Lab File: VY016795.D

Acq: 22 Dec 2023 07:19

Tgt Ion:152 Resp: 72632

Ion Ratio Lower Upper

152 100

115 60.2 30.0 90.0

150 158.4 0.0 344.6

