

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122123\
 Data File : VY016798.D
 Acq On : 22 Dec 2023 08:29
 Operator : SY/MD
 Sample : 05877-24
 Misc : 5.22g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COM63

Quant Time: Dec 22 08:52:40 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	114373	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.722	114	230701	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.514	117	199618	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.452	152	67278	50.000	ug/l	0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	56241	53.865	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.740%
35) Dibromofluoromethane	7.758	113	57396	43.432	ug/l	0.03
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.860%
50) Toluene-d8	10.209	98	199052	41.783	ug/l	0.02
Spiked Amount	50.000	Range	58 - 134	Recovery	=	83.560%
62) 4-Bromofluorobenzene	12.507	95	61705	39.924	ug/l	0.02
Spiked Amount	50.000	Range	30 - 143	Recovery	=	79.840%

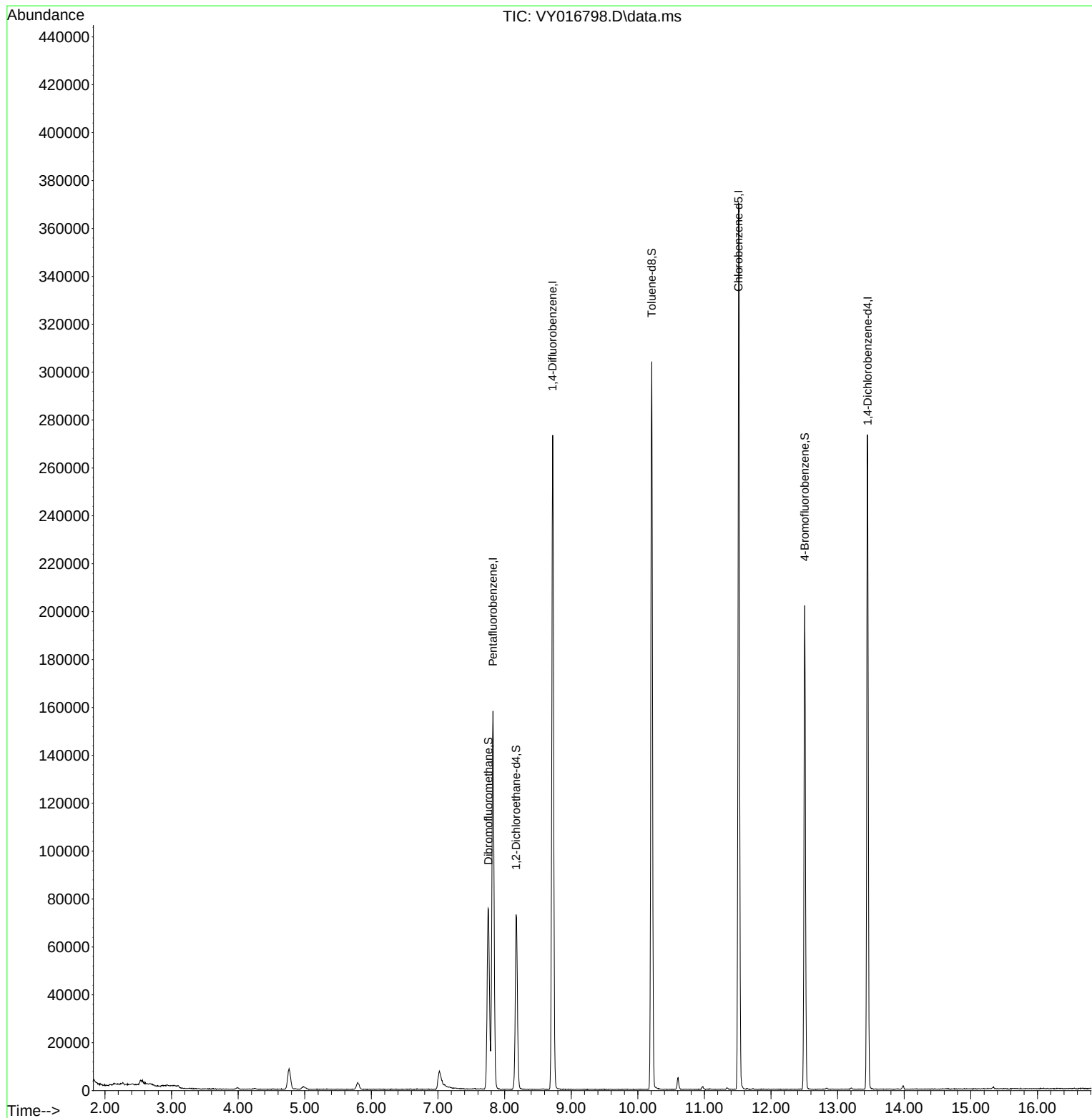
Target Compounds	Qvalue

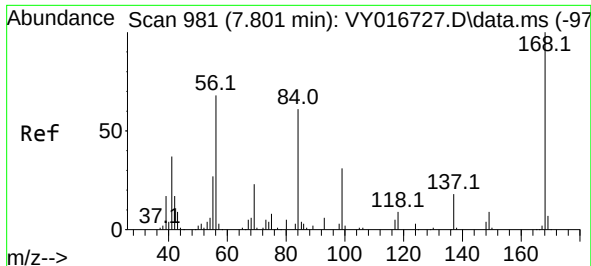
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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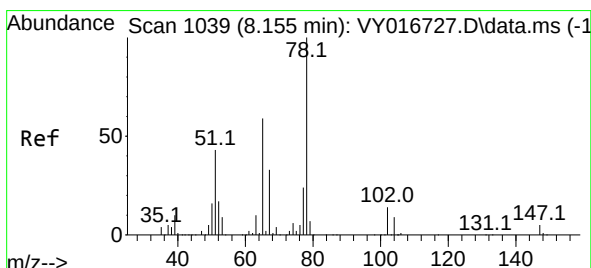
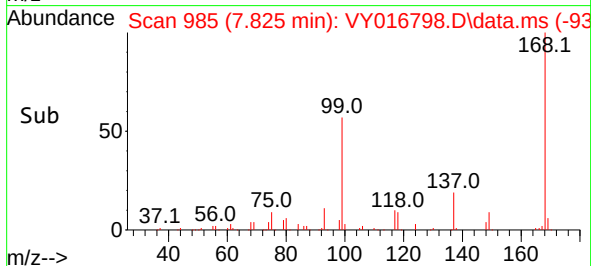
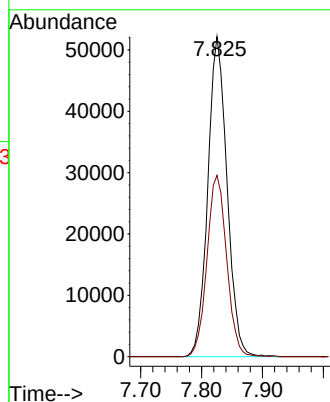
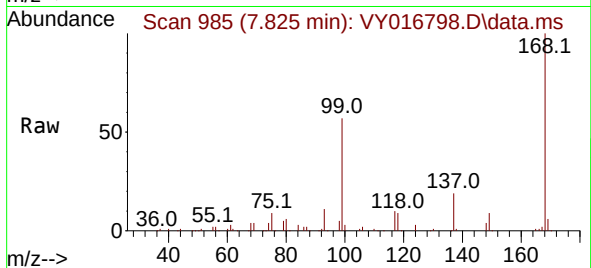




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.825 min Scan# 91
Delta R.T. 0.024 min
Lab File: VY016798.D
Acq: 22 Dec 2023 08:29

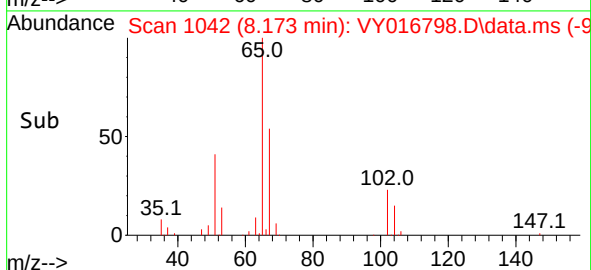
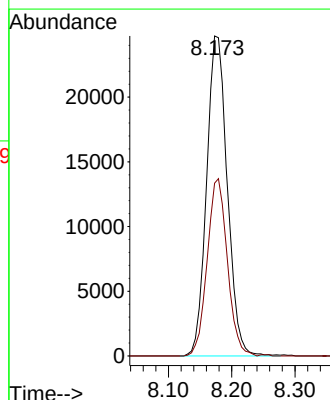
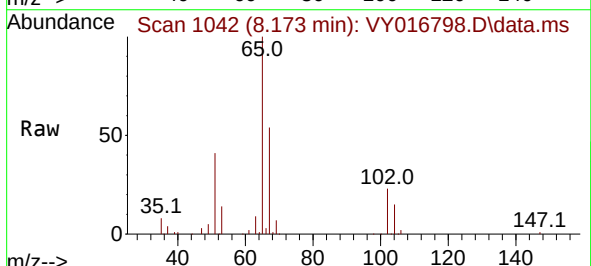
Instrument :
MSVOA_Y
ClientSampleId :
COM63

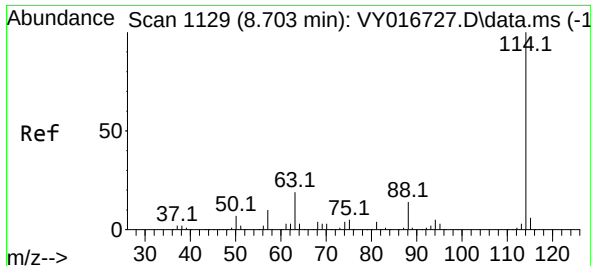
Tgt Ion:168 Resp: 114373
Ion Ratio Lower Upper
168 100
99 56.7 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 53.865 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. 0.018 min
Lab File: VY016798.D
Acq: 22 Dec 2023 08:29

Tgt Ion: 65 Resp: 56241
Ion Ratio Lower Upper
65 100
67 54.0 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.722 min Scan# 11

Delta R.T. 0.019 min

Lab File: VY016798.D

Acq: 22 Dec 2023 08:29

Instrument :

MSVOA_Y

ClientSampleId :

COM63

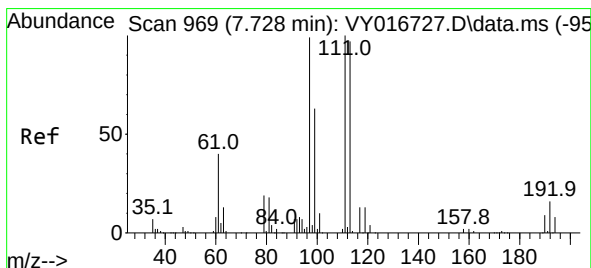
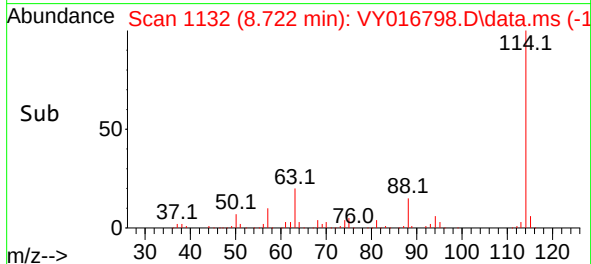
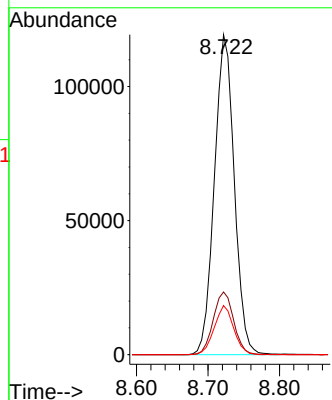
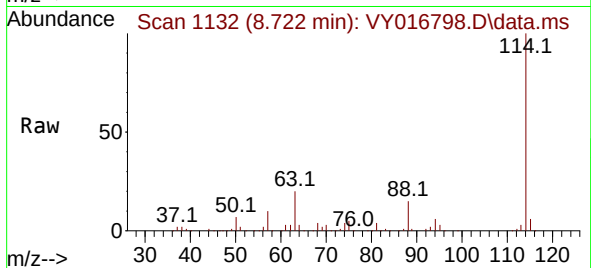
Tgt Ion:114 Resp: 230701

Ion Ratio Lower Upper

114 100

63 19.6 0.0 37.4

88 15.4 0.0 29.0



#35

Dibromofluoromethane

Concen: 43.432 ug/l

RT: 7.758 min Scan# 974

Delta R.T. 0.031 min

Lab File: VY016798.D

Acq: 22 Dec 2023 08:29

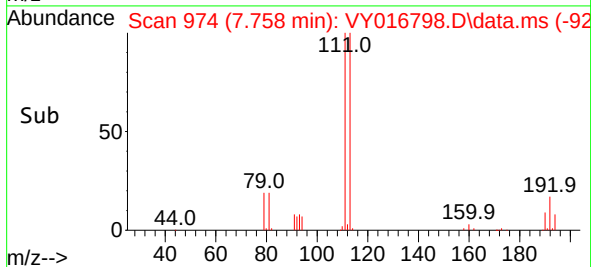
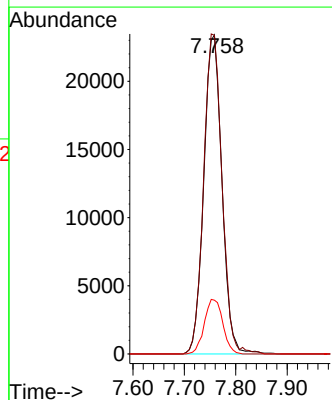
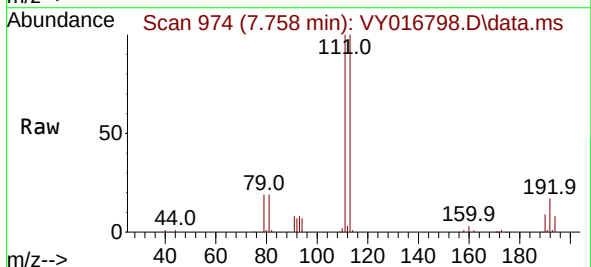
Tgt Ion:113 Resp: 57396

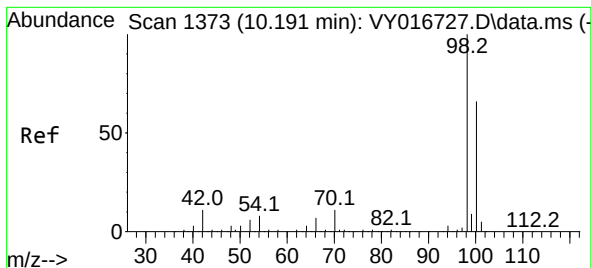
Ion Ratio Lower Upper

113 100

111 101.3 83.8 125.6

192 17.4 14.5 21.7





#50

Toluene-d8

Concen: 41.783 ug/l

RT: 10.209 min Scan# 11

Delta R.T. 0.018 min

Lab File: VY016798.D

Acq: 22 Dec 2023 08:29

Instrument :

MSVOA_Y

ClientSampleId :

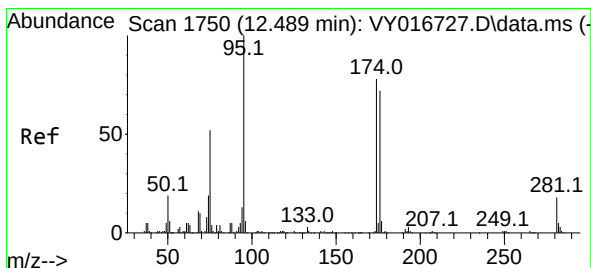
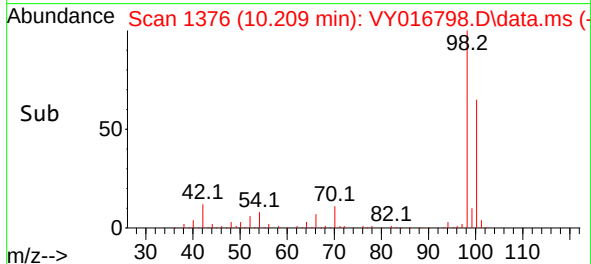
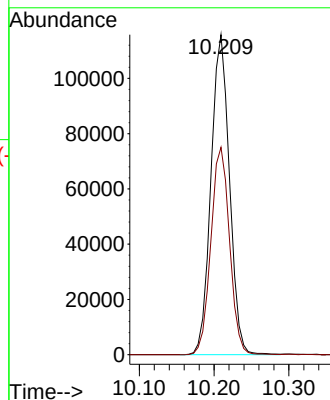
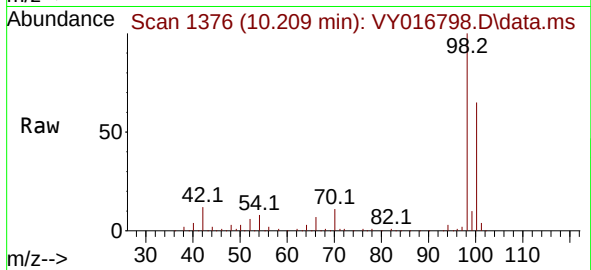
COM63

Tgt Ion: 98 Resp: 199052

Ion Ratio Lower Upper

98 100

100 65.4 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 39.924 ug/l

RT: 12.507 min Scan# 1753

Delta R.T. 0.018 min

Lab File: VY016798.D

Acq: 22 Dec 2023 08:29

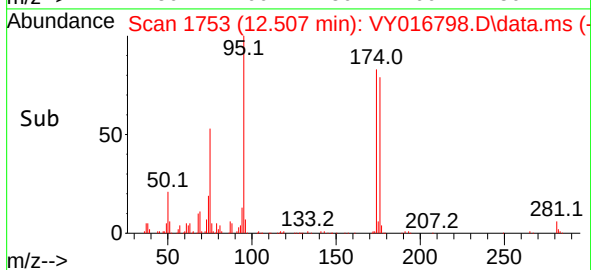
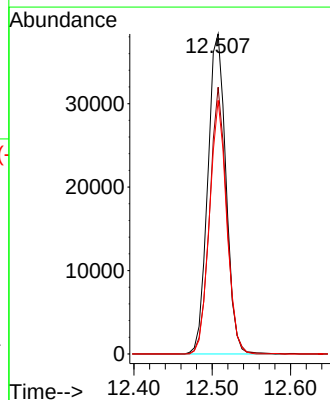
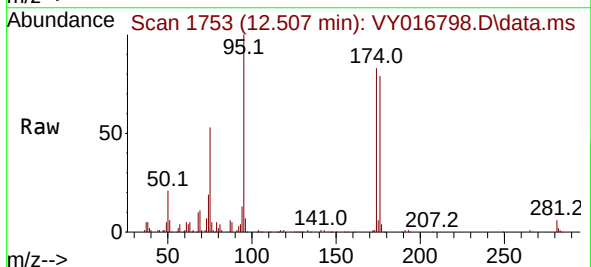
Tgt Ion: 95 Resp: 61705

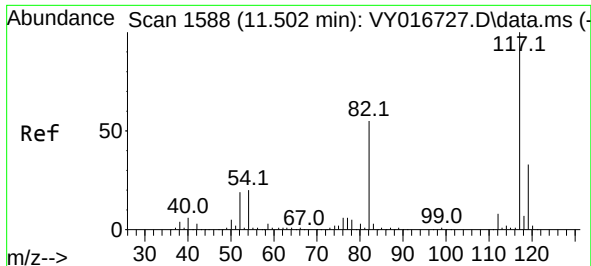
Ion Ratio Lower Upper

95 100

174 78.0 0.0 160.0

176 75.0 0.0 151.8

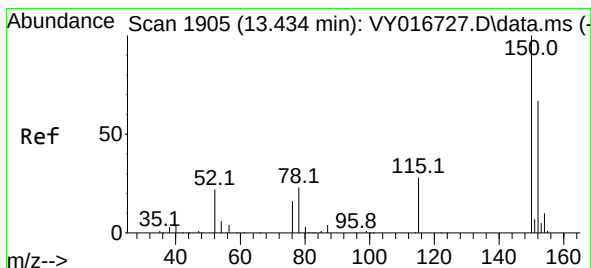
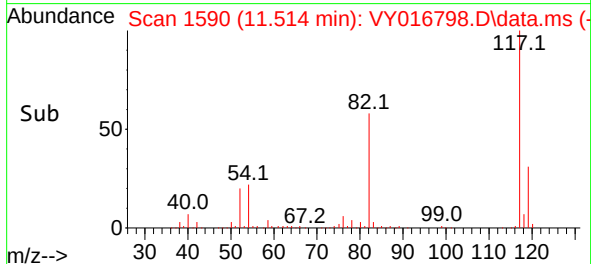
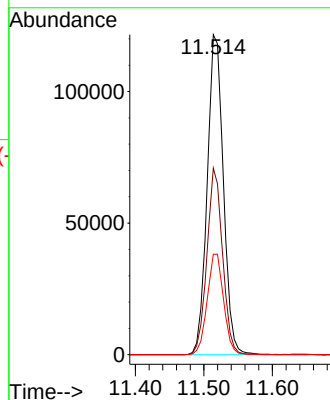
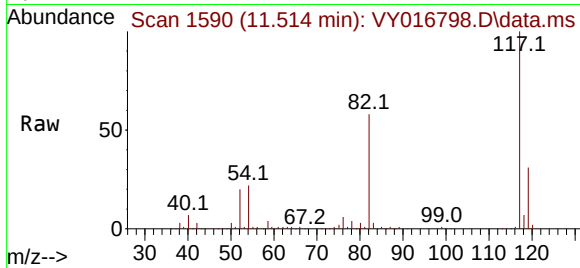




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.514 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016798.D
Acq: 22 Dec 2023 08:29

Instrument :
MSVOA_Y
ClientSampleId :
COM63

Tgt Ion:117 Resp: 199618
Ion Ratio Lower Upper
117 100
82 58.3 43.8 65.8
119 31.4 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: VY016798.D
Acq: 22 Dec 2023 08:29

Tgt Ion:152 Resp: 67278
Ion Ratio Lower Upper
152 100
115 61.3 30.0 90.0
150 159.1 0.0 344.6

