

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112823\
 Data File : VY016521.D
 Acq On : 28 Nov 2023 15:23
 Operator : SY/MD
 Sample : 05470-01RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1RE

Quant Time: Nov 29 03:09:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.819	168	1288	50.000	ug/l	# 0.02
34) 1,4-Difluorobenzene	8.716	114	2507	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.514	117	2314	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.446	152	451	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	980	83.250	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	166.500%#
35) Dibromofluoromethane	7.752	113	528	37.075	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	74.160%
50) Toluene-d8	10.209	98	2875	49.782	ug/l	0.02
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.560%
62) 4-Bromofluorobenzene	12.508	95	668	35.614	ug/l	0.02
Spiked Amount	50.000	Range	30 - 143	Recovery	=	71.220%

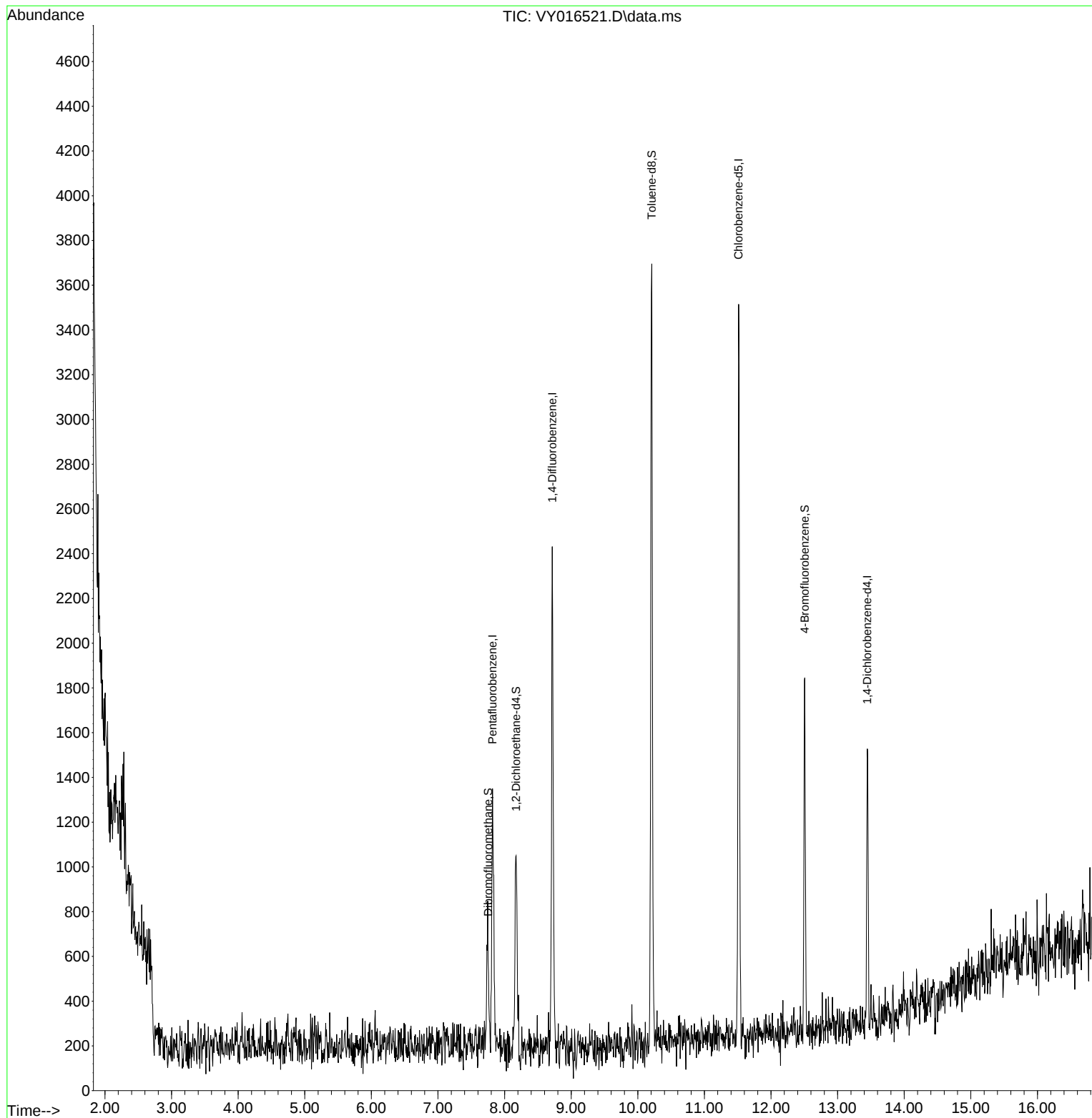
Target Compounds	Qvalue

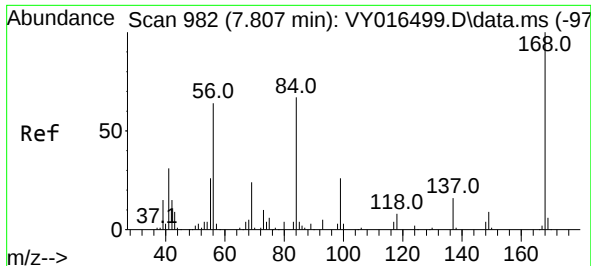
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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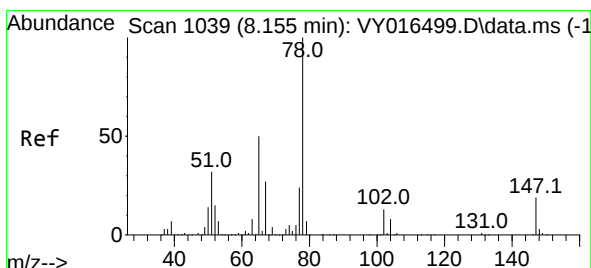
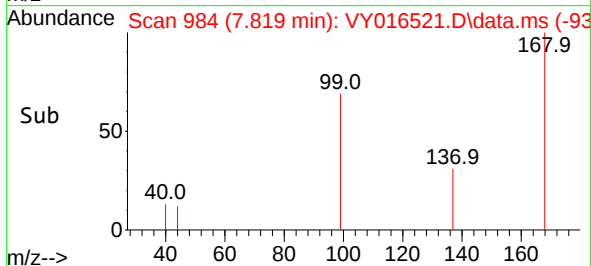
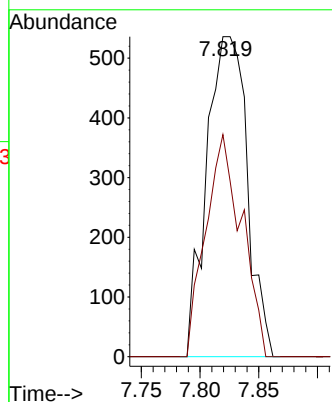
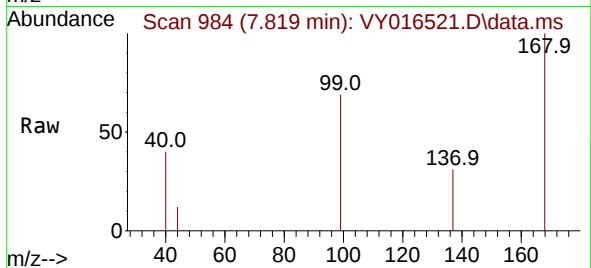




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY016521.D
Acq: 28 Nov 2023 15:23

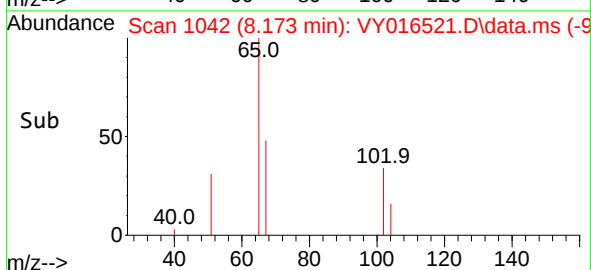
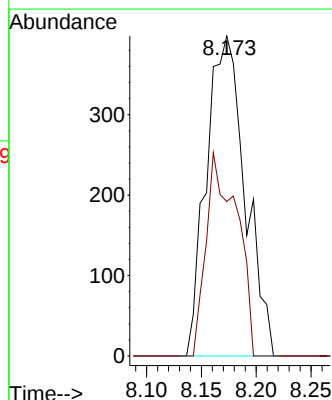
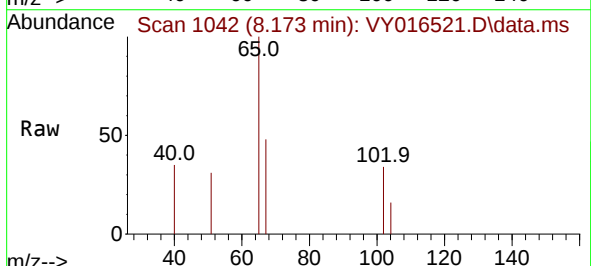
Instrument :
MSVOA_Y
ClientSampleId :
SB-1RE

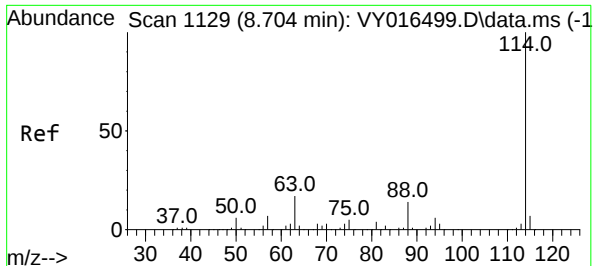
Tgt Ion:168 Resp: 1288
Ion Ratio Lower Upper
168 100
99 69.4 43.4 65.0#



#33
1,2-Dichloroethane-d4
Concen: 83.250 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. 0.018 min
Lab File: VY016521.D
Acq: 28 Nov 2023 15:23

Tgt Ion: 65 Resp: 980
Ion Ratio Lower Upper
65 100
67 50.4 0.0 101.8

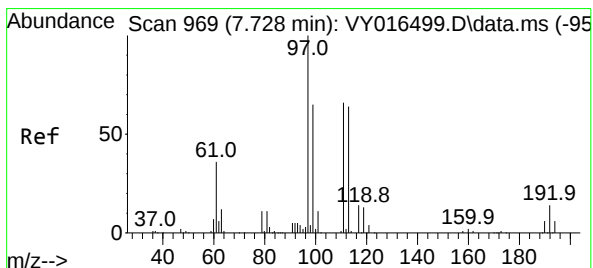
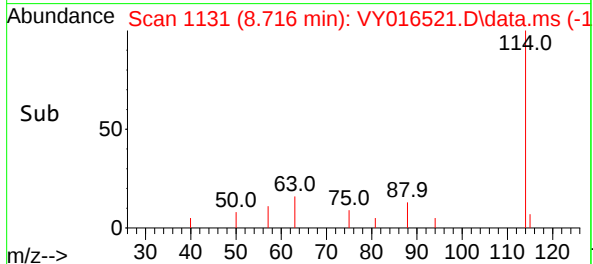
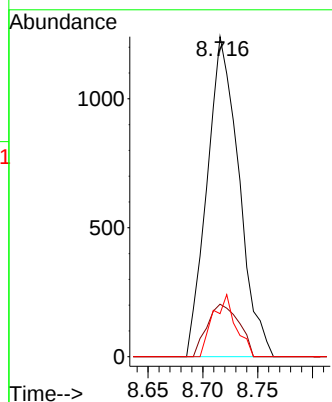
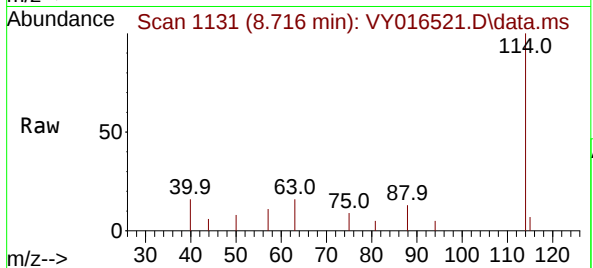




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.716 min Scan# 1129
Delta R.T. 0.012 min
Lab File: VY016521.D
Acq: 28 Nov 2023 15:23

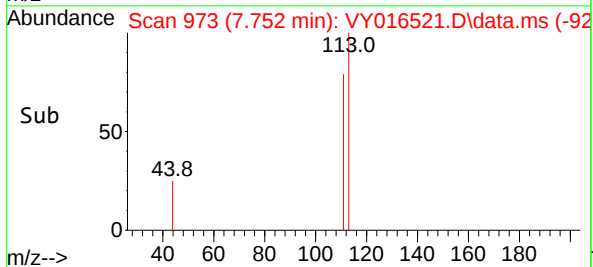
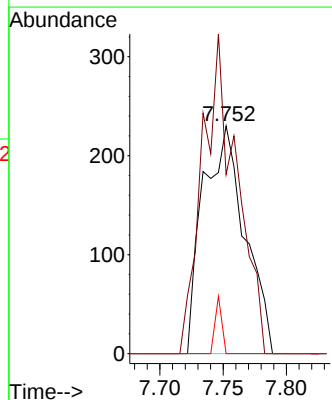
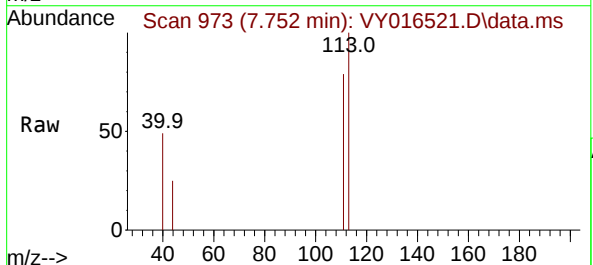
Instrument :
MSVOA_Y
ClientSampleId :
SB-1RE

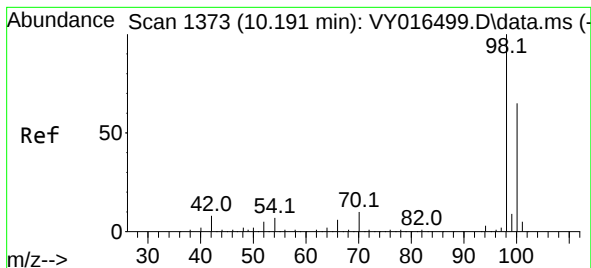
Tgt Ion:114 Resp: 2507
Ion Ratio Lower Upper
114 100
63 16.4 0.0 42.4
88 13.5 0.0 30.6



#35
Dibromofluoromethane
Concen: 37.075 ug/l
RT: 7.752 min Scan# 973
Delta R.T. 0.018 min
Lab File: VY016521.D
Acq: 28 Nov 2023 15:23

Tgt Ion:113 Resp: 528
Ion Ratio Lower Upper
113 100
111 115.2 81.3 121.9
192 4.0 16.9 25.3#





#50

Toluene-d8

Concen: 49.782 ug/l

RT: 10.209 min Scan# 11

Delta R.T. 0.018 min

Lab File: VY016521.D

Acq: 28 Nov 2023 15:23

Instrument :

MSVOA_Y

ClientSampleId :

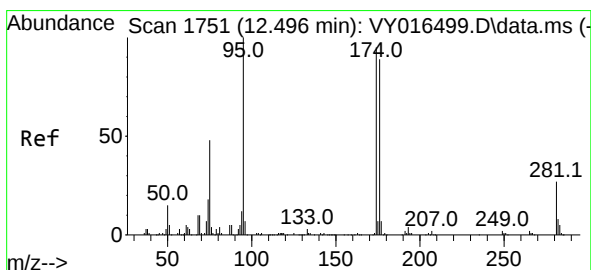
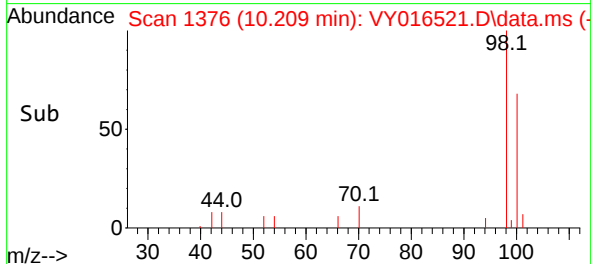
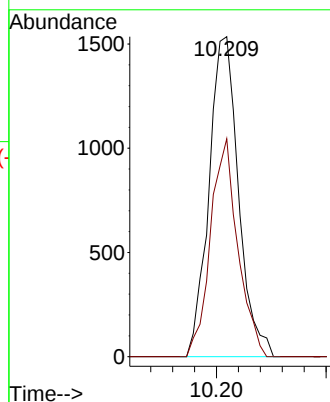
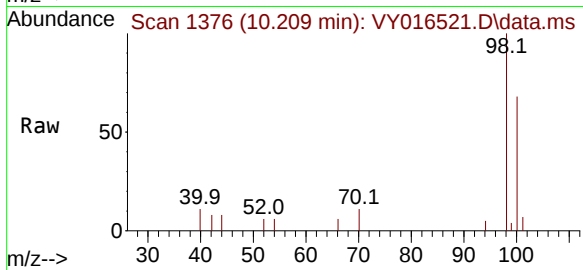
SB-1RE

Tgt Ion: 98 Resp: 2875

Ion Ratio Lower Upper

98 100

100 63.0 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 35.614 ug/l

RT: 12.508 min Scan# 1753

Delta R.T. 0.018 min

Lab File: VY016521.D

Acq: 28 Nov 2023 15:23

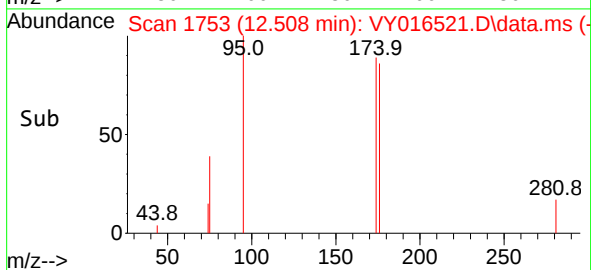
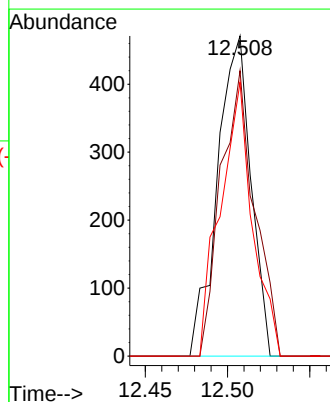
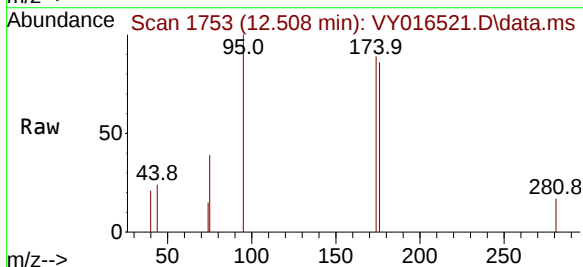
Tgt Ion: 95 Resp: 668

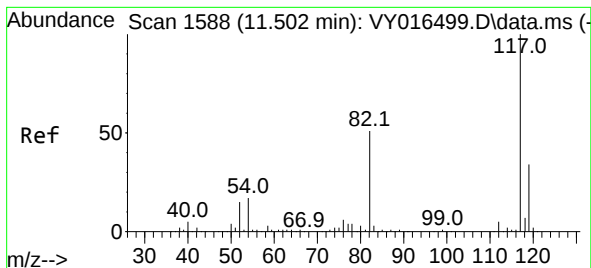
Ion Ratio Lower Upper

95 100

174 89.7 0.0 178.2

176 82.0 0.0 173.8

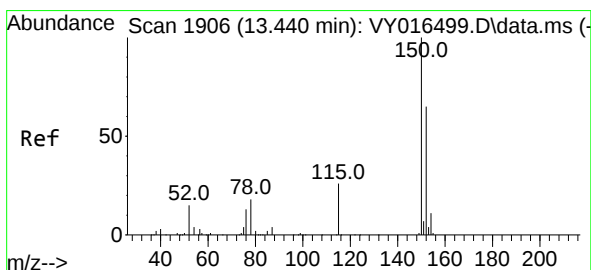
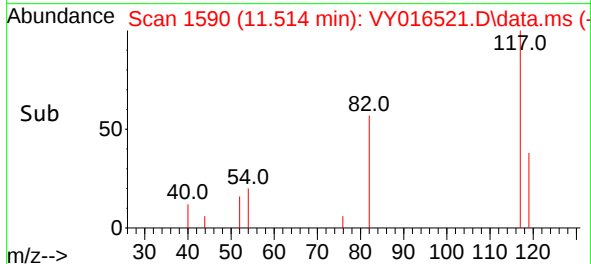
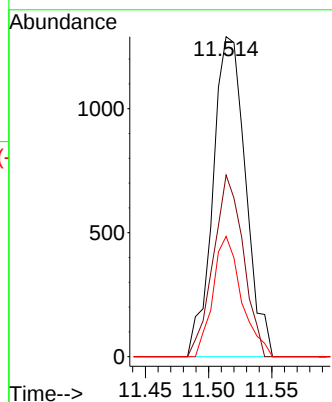
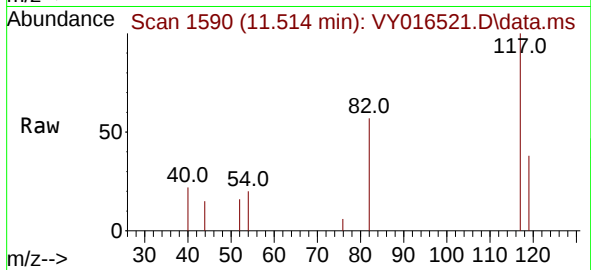




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.514 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016521.D
Acq: 28 Nov 2023 15:23

Instrument :
MSVOA_Y
ClientSampleId :
SB-1RE

Tgt Ion:117 Resp: 2314
Ion Ratio Lower Upper
117 100
82 56.7 43.4 65.0
119 37.6 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.012 min
Lab File: VY016521.D
Acq: 28 Nov 2023 15:23

Tgt Ion:152 Resp: 451
Ion Ratio Lower Upper
152 100
115 46.6 28.8 86.5
150 157.2 0.0 348.8

