

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112823\
 Data File : VY016518.D
 Acq On : 28 Nov 2023 14:13
 Operator : SY/MD
 Sample : 05470-01
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1

Quant Time: Nov 29 03:08:22 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	7.813	168	8049	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.716	114	12617	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.514	117	10064	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.446	152	2730	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	3511	47.727	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.460%
35) Dibromofluoromethane	7.740	113	3119	43.517	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.040%
50) Toluene-d8	10.203	98	13435	46.224	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.440%
62) 4-Bromofluorobenzene	12.502	95	3173	33.613	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	67.220%

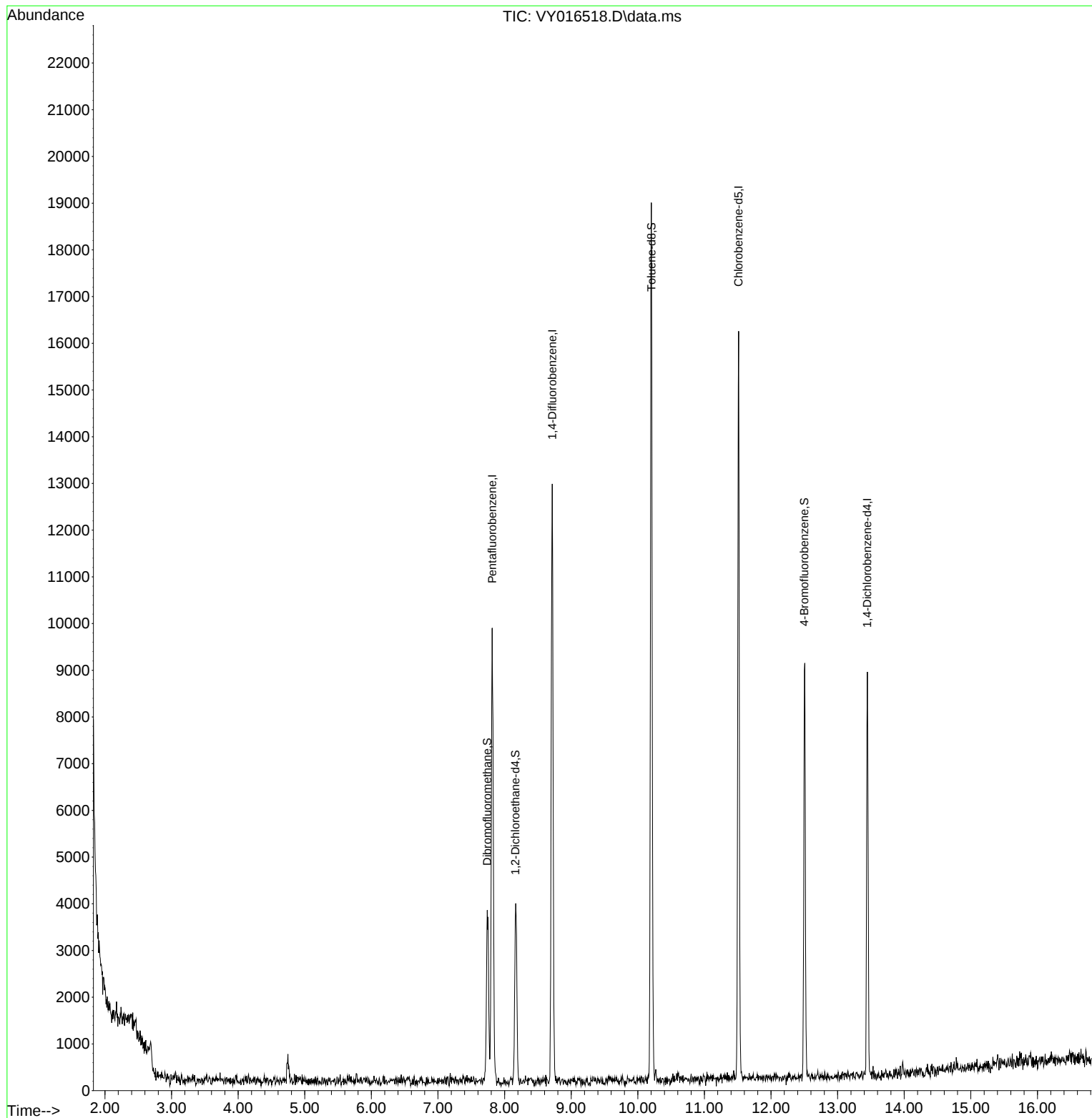
Target Compounds	Qvalue

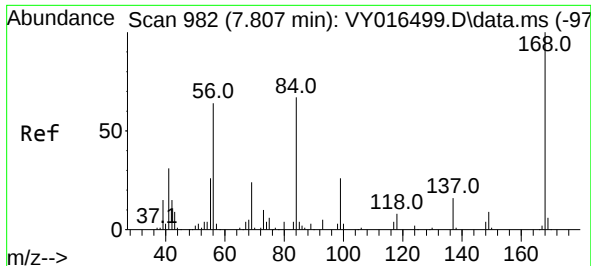
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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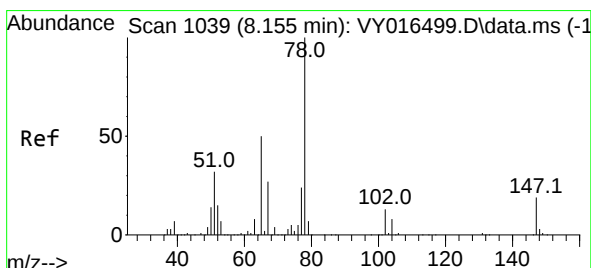
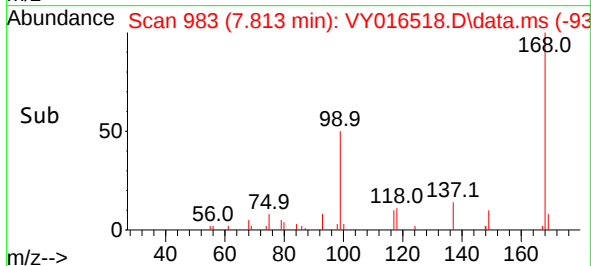
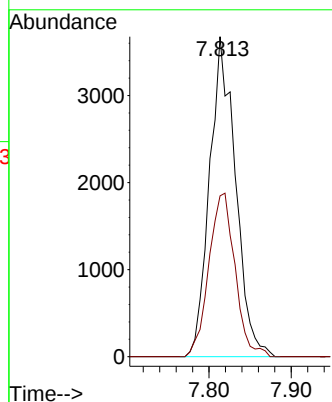
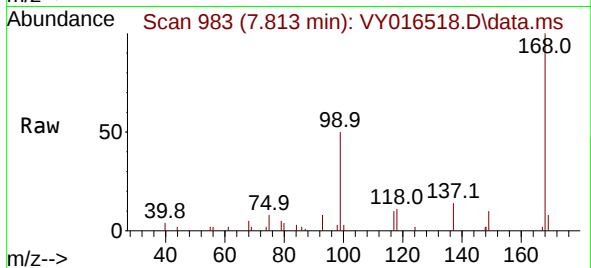




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016518.D
Acq: 28 Nov 2023 14:13

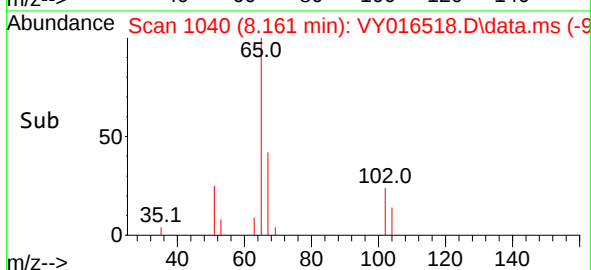
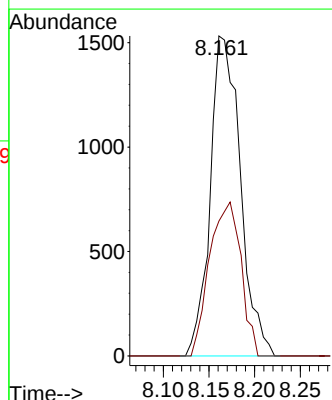
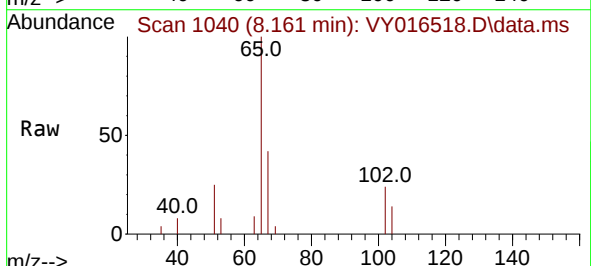
Instrument :
MSVOA_Y
ClientSampleId :
SB-1

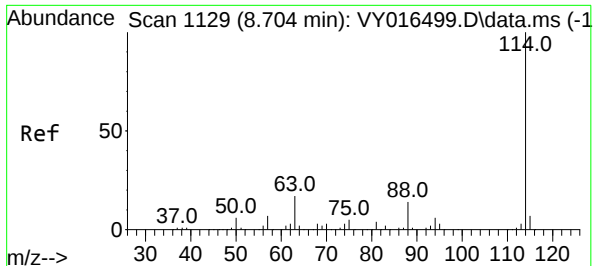
Tgt Ion:168 Resp: 8049
Ion Ratio Lower Upper
168 100
99 50.3 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 47.727 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY016518.D
Acq: 28 Nov 2023 14:13

Tgt Ion: 65 Resp: 3511
Ion Ratio Lower Upper
65 100
67 50.1 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: VY016518.D

Acq: 28 Nov 2023 14:13

Instrument :

MSVOA_Y

ClientSampleId :

SB-1

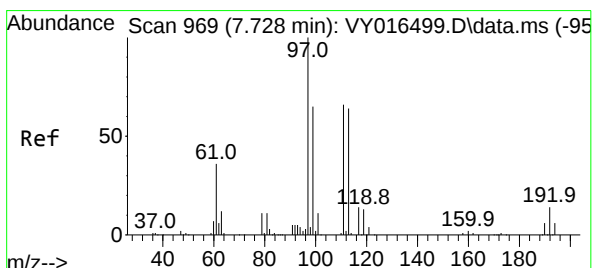
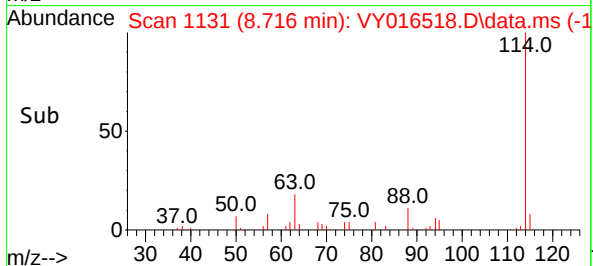
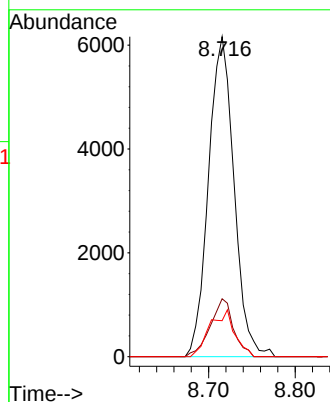
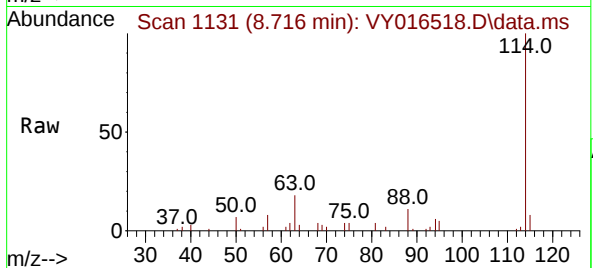
Tgt Ion:114 Resp: 12617

Ion Ratio Lower Upper

114 100

63 18.1 0.0 42.4

88 11.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 43.517 ug/l

RT: 7.740 min Scan# 971

Delta R.T. 0.006 min

Lab File: VY016518.D

Acq: 28 Nov 2023 14:13

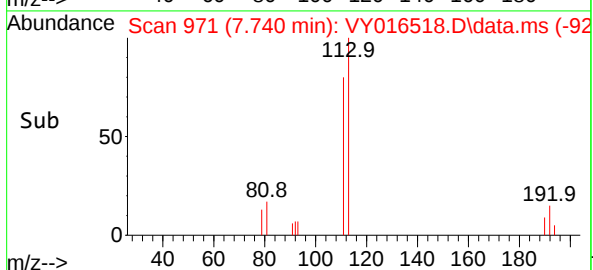
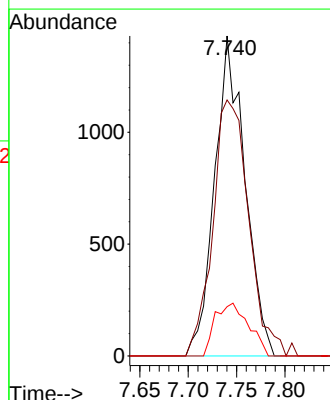
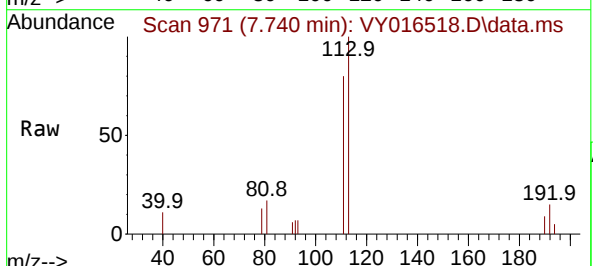
Tgt Ion:113 Resp: 3119

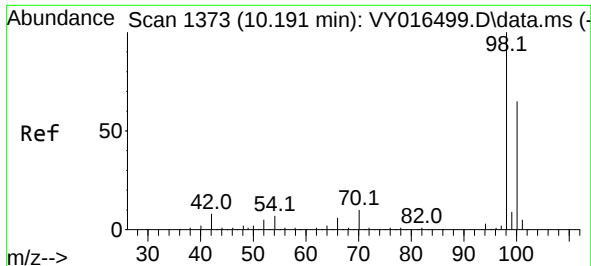
Ion Ratio Lower Upper

113 100

111 95.0 81.3 121.9

192 18.2 16.9 25.3

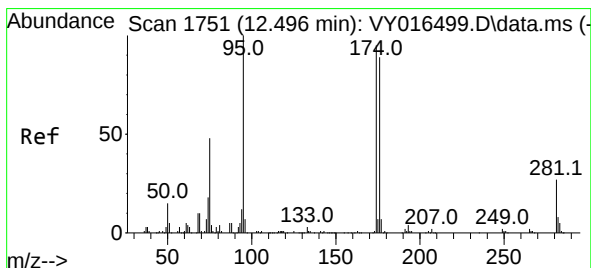
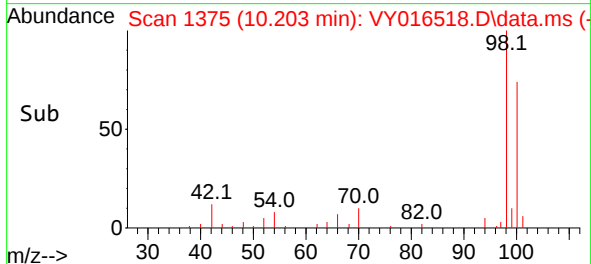
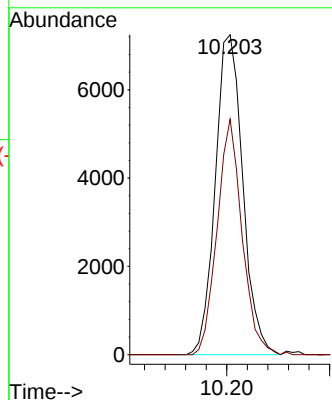
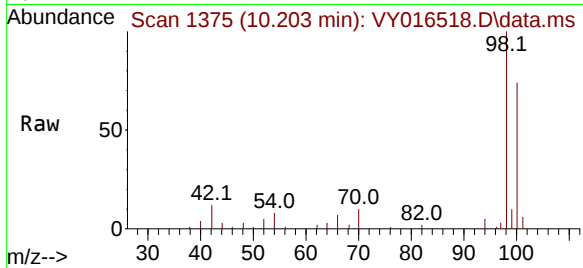




#50
Toluene-d8
Concen: 46.224 ug/l
RT: 10.203 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016518.D
Acq: 28 Nov 2023 14:13

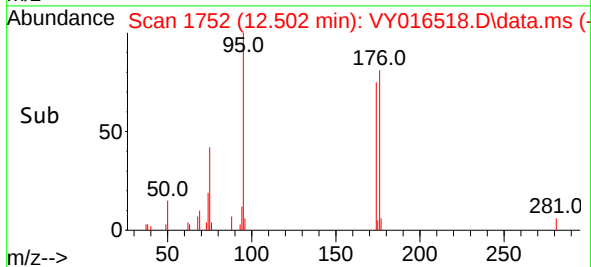
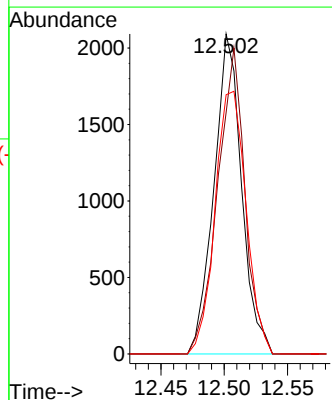
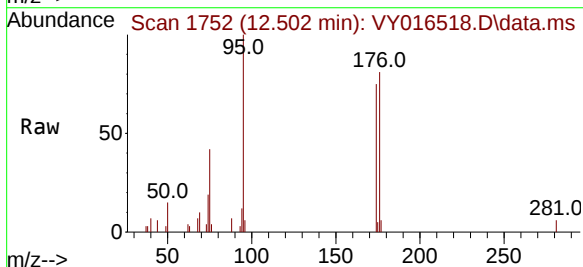
Instrument :
MSVOA_Y
ClientSampleId :
SB-1

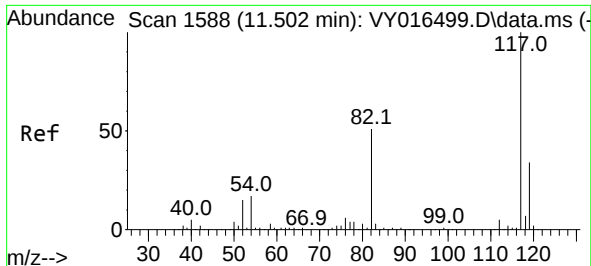
Tgt Ion: 98 Resp: 13435
Ion Ratio Lower Upper
98 100
100 66.8 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 33.613 ug/l
RT: 12.502 min Scan# 1752
Delta R.T. 0.012 min
Lab File: VY016518.D
Acq: 28 Nov 2023 14:13

Tgt Ion: 95 Resp: 3173
Ion Ratio Lower Upper
95 100
174 94.3 0.0 178.2
176 92.4 0.0 173.8

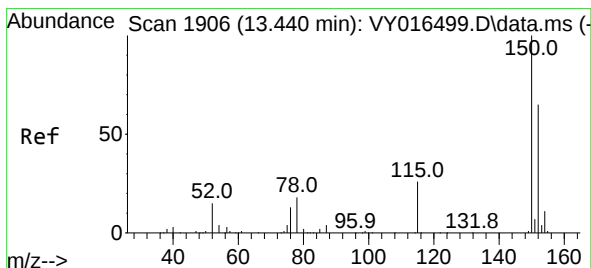
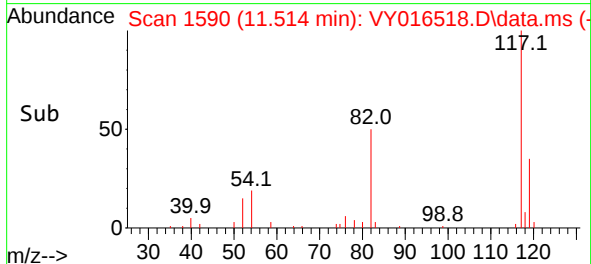
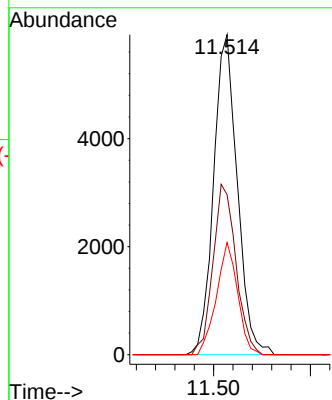
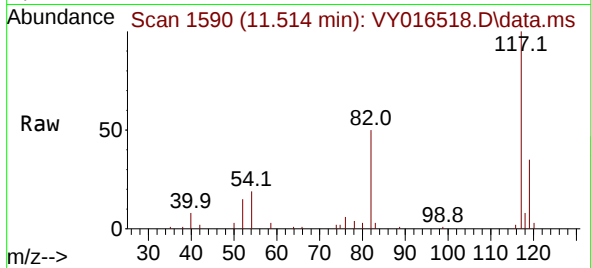




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.514 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016518.D
Acq: 28 Nov 2023 14:13

Instrument :
MSVOA_Y
ClientSampleId :
SB-1

Tgt Ion:117 Resp: 10064
Ion Ratio Lower Upper
117 100
82 50.0 43.4 65.0
119 35.1 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: VY016518.D
Acq: 28 Nov 2023 14:13

Tgt Ion:152 Resp: 2730
Ion Ratio Lower Upper
152 100
115 55.8 28.8 86.5
150 157.1 0.0 348.8

