

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102723\
 Data File : VY016106.D
 Acq On : 27 Oct 2023 15:33
 Operator : SY/MD
 Sample : 05050-09RE
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B4RE

Quant Time: Oct 30 06:09:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 27 04:12:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	34568	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	57614	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	51229	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	21215	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	19933	57.990	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.980%
35) Dibromofluoromethane	7.716	113	18949	52.099	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.200%
50) Toluene-d8	10.179	98	67333	49.978	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.960%
62) 4-Bromofluorobenzene	12.483	95	19902	43.065	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	86.120%

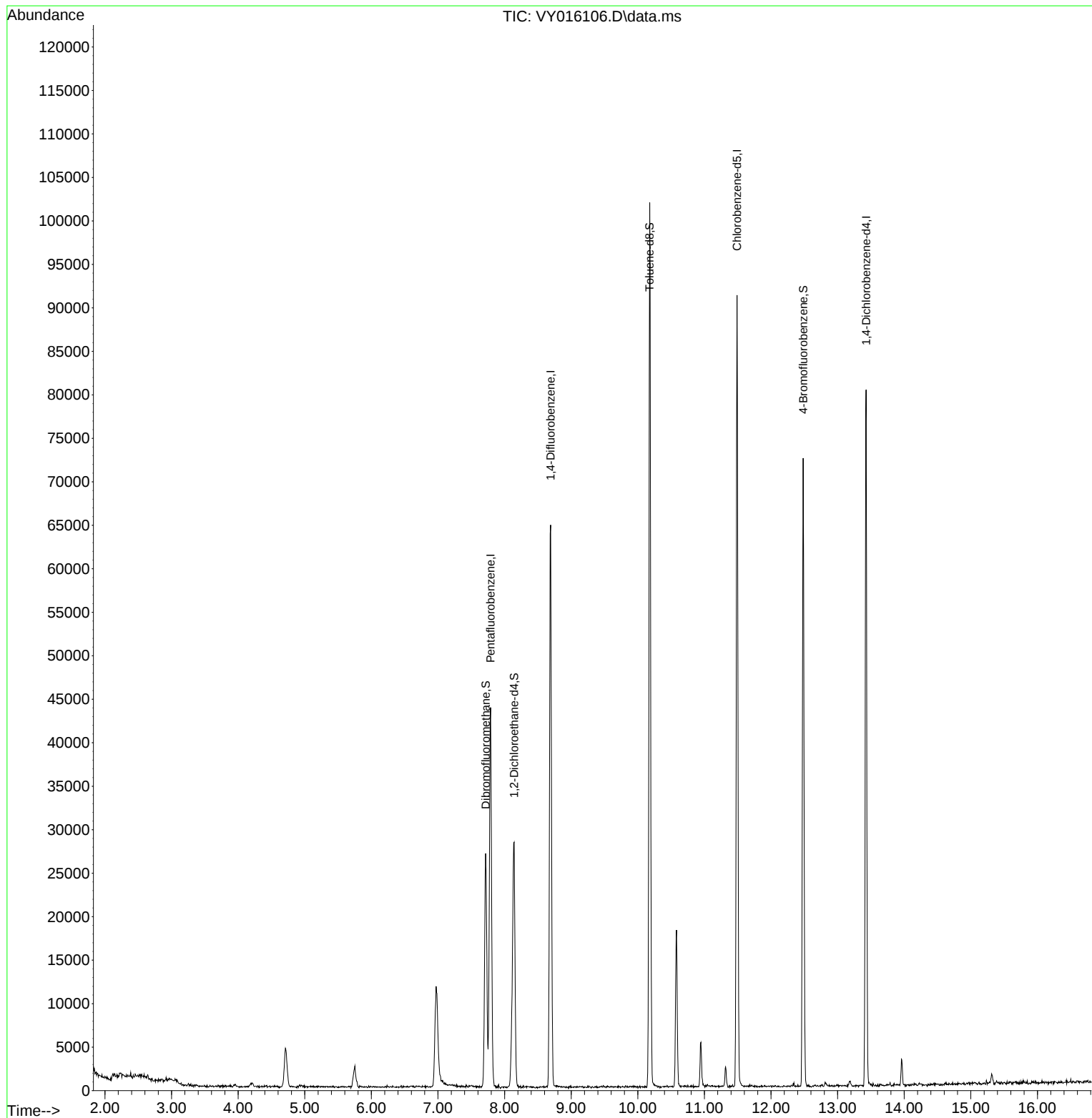
Target Compounds	Qvalue

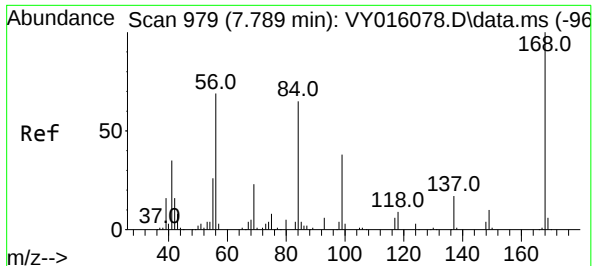
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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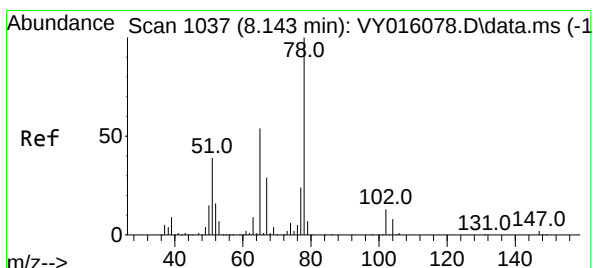
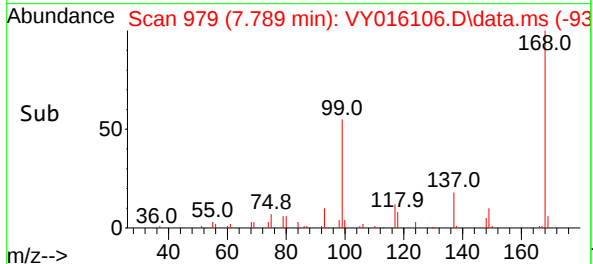
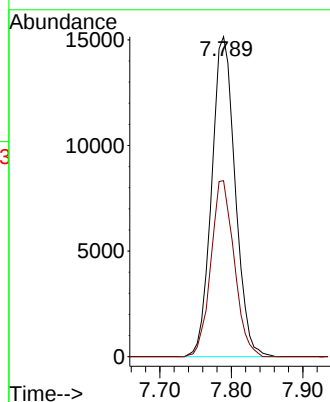
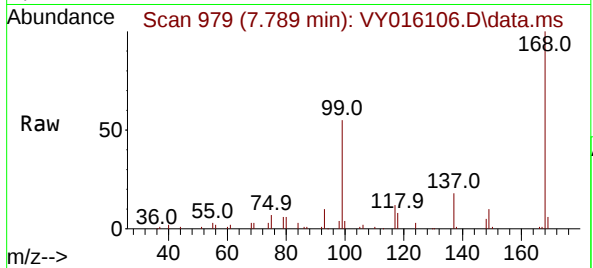




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY016106.D
Acq: 27 Oct 2023 15:33

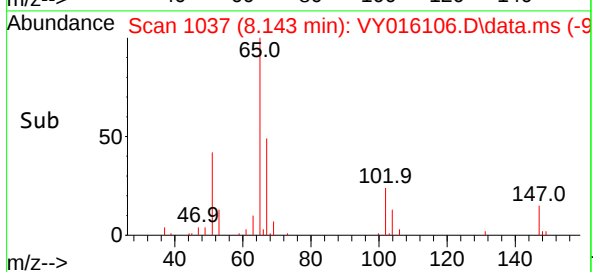
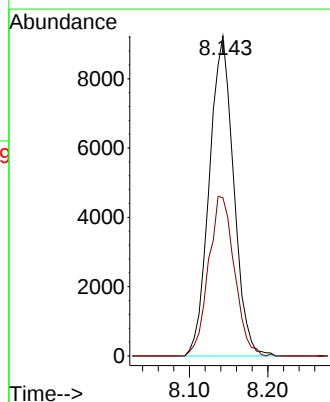
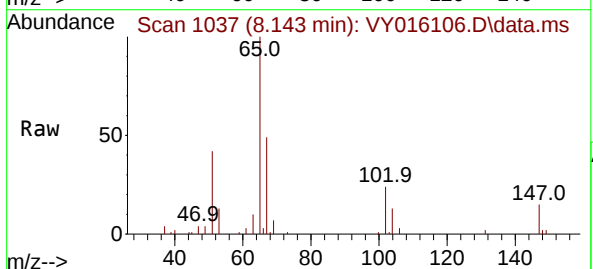
Instrument :
MSVOA_Y
ClientSampleId :
B4RE

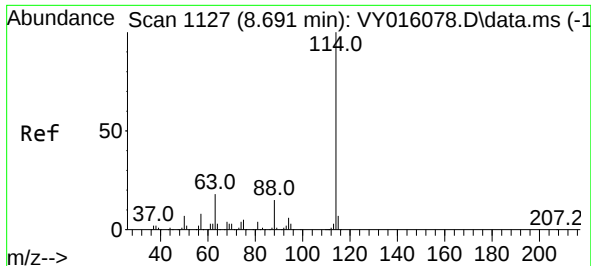
Tgt Ion:168 Resp: 34568
Ion Ratio Lower Upper
168 100
99 55.0 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 57.990 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY016106.D
Acq: 27 Oct 2023 15:33

Tgt Ion: 65 Resp: 19933
Ion Ratio Lower Upper
65 100
67 53.0 0.0 101.8

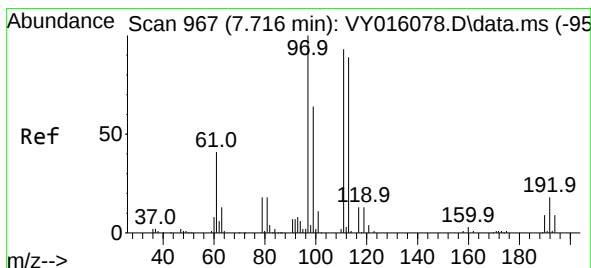
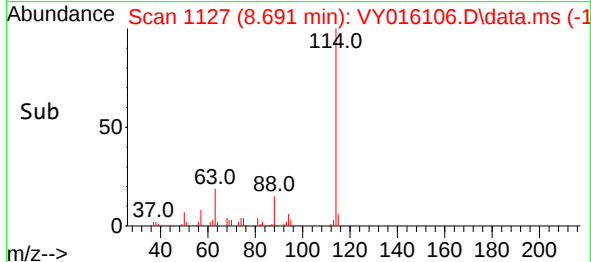
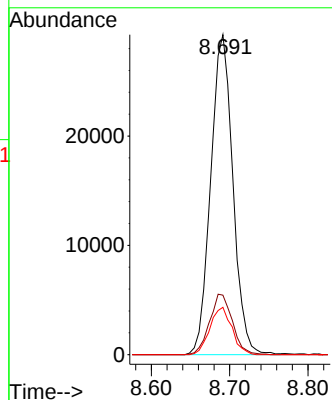
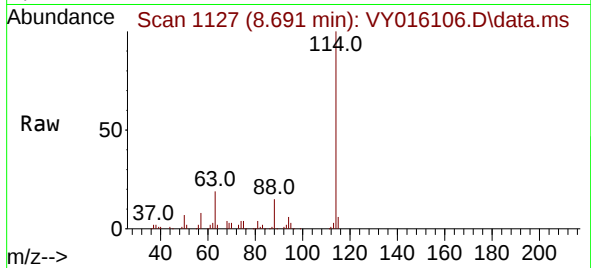




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY016106.D
Acq: 27 Oct 2023 15:33

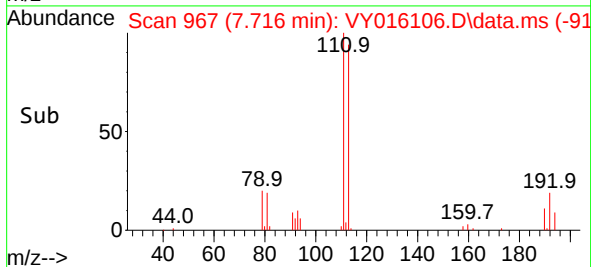
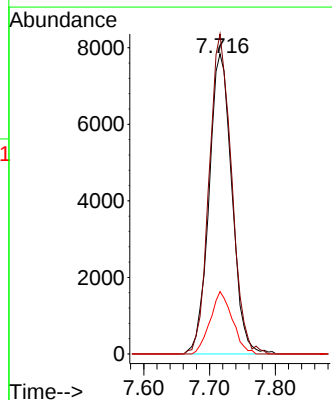
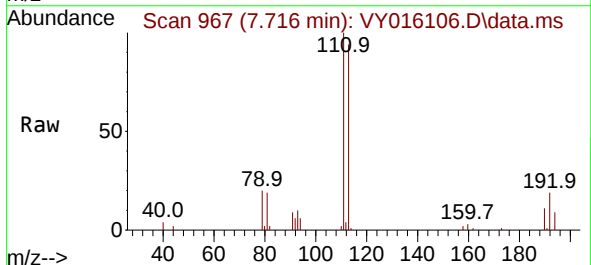
Instrument :
MSVOA_Y
ClientSampleId :
B4RE

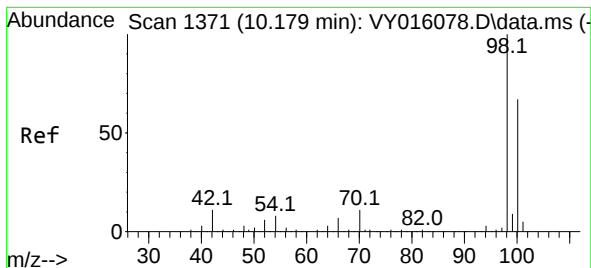
Tgt Ion:	114	Resp:	57614
Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	42.4
88	14.8	0.0	30.6



#35
Dibromofluoromethane
Concen: 52.099 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY016106.D
Acq: 27 Oct 2023 15:33

Tgt Ion:	113	Resp:	18949
Ion	Ratio	Lower	Upper
113	100		
111	104.8	81.3	121.9
192	20.2	16.9	25.3





#50

Toluene-d8

Concen: 49.978 ug/l

RT: 10.179 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY016106.D

Acq: 27 Oct 2023 15:33

Instrument :

MSVOA_Y

ClientSampleId :

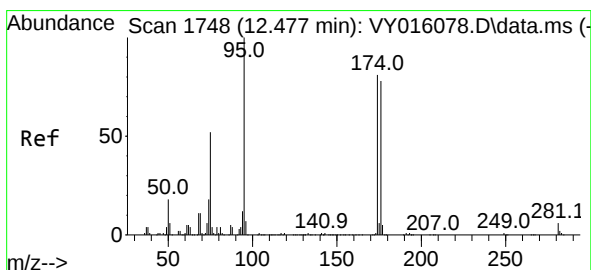
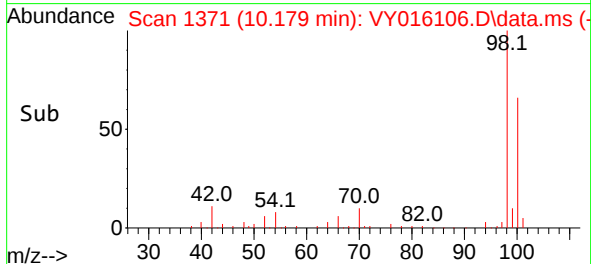
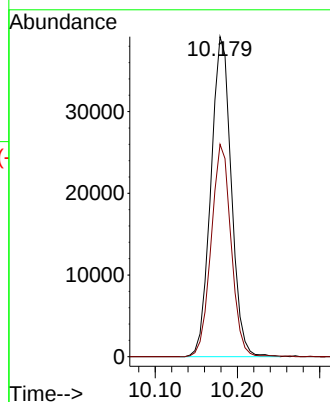
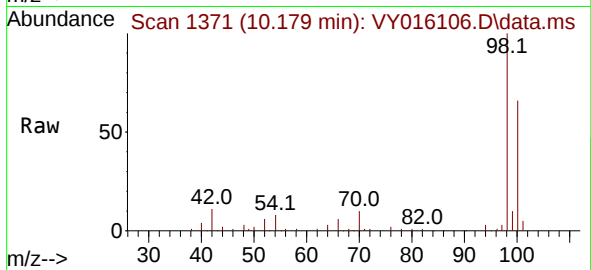
B4RE

Tgt Ion: 98 Resp: 67333

Ion Ratio Lower Upper

98 100

100 65.0 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 43.065 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY016106.D

Acq: 27 Oct 2023 15:33

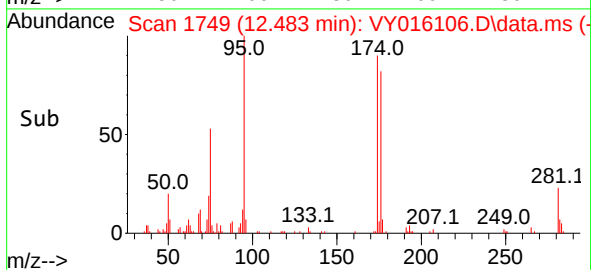
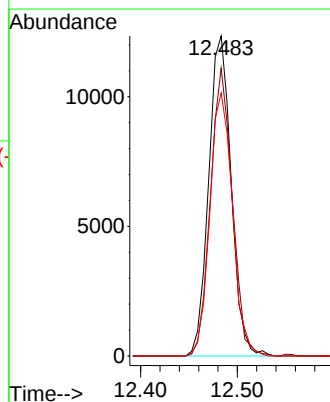
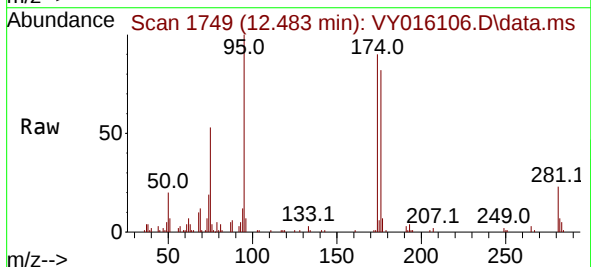
Tgt Ion: 95 Resp: 19902

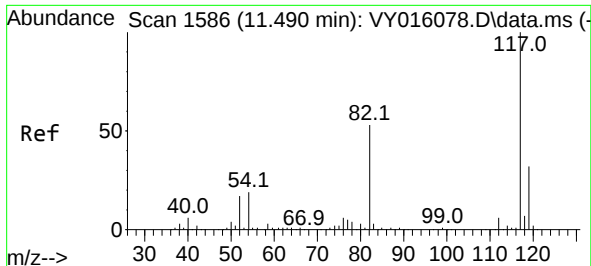
Ion Ratio Lower Upper

95 100

174 87.3 0.0 178.2

176 83.0 0.0 173.8

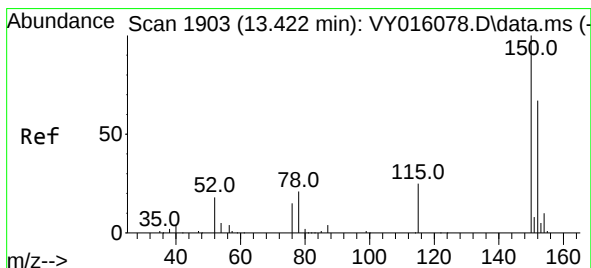
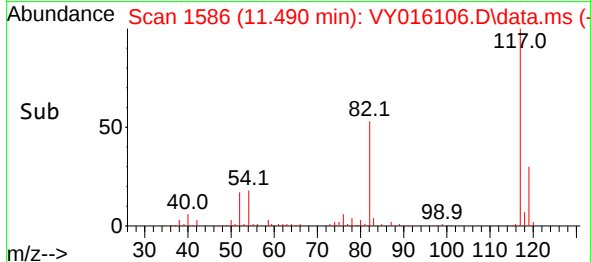
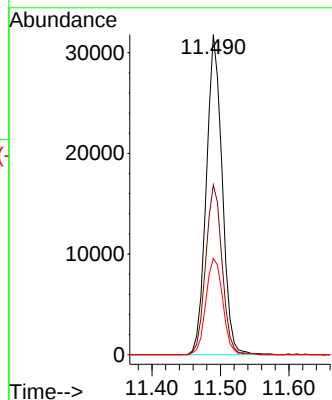
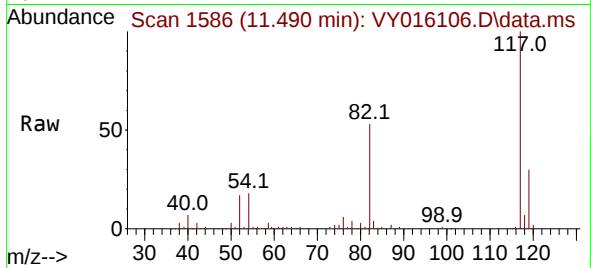




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016106.D
Acq: 27 Oct 2023 15:33

Instrument :
MSVOA_Y
ClientSampleId :
B4RE

Tgt Ion:117 Resp: 51229
Ion Ratio Lower Upper
117 100
82 53.0 43.4 65.0
119 30.1 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY016106.D
Acq: 27 Oct 2023 15:33

Tgt Ion:152 Resp: 21215
Ion Ratio Lower Upper
152 100
115 58.9 28.8 86.5
150 157.7 0.0 348.8

