

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102623\
 Data File : VY016088.D
 Acq On : 26 Oct 2023 19:29
 Operator : SY/MD
 Sample : 05050-10
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B5

Quant Time: Oct 27 04:21:37 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	98586	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	165328	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	151490	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	68184	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	56499	57.634	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.260%
35) Dibromofluoromethane	7.716	113	54397	52.119	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.240%
50) Toluene-d8	10.179	98	192878	49.890	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.780%
62) 4-Bromofluorobenzene	12.483	95	62180	46.887	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.780%

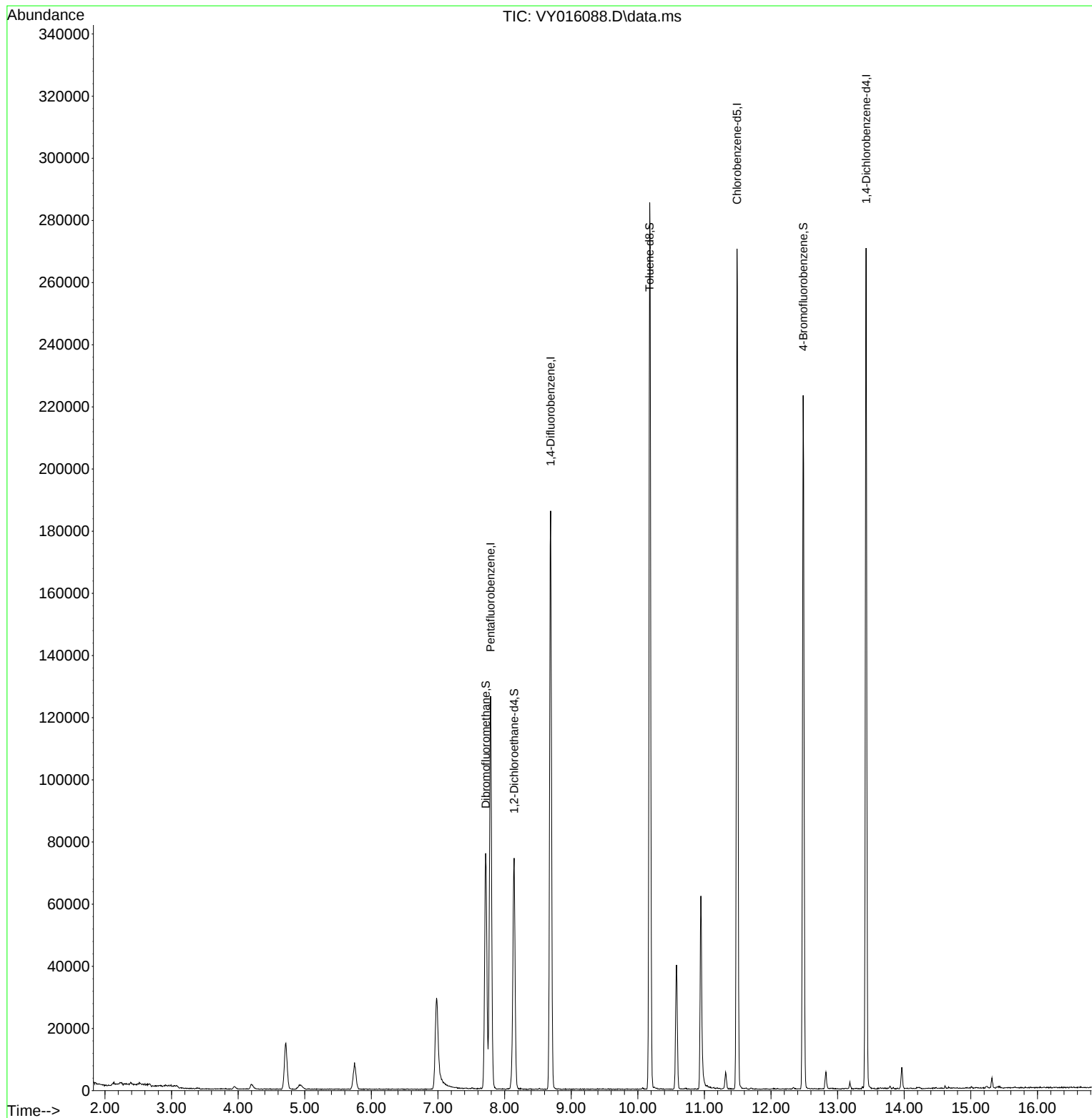
Target Compounds	Qvalue

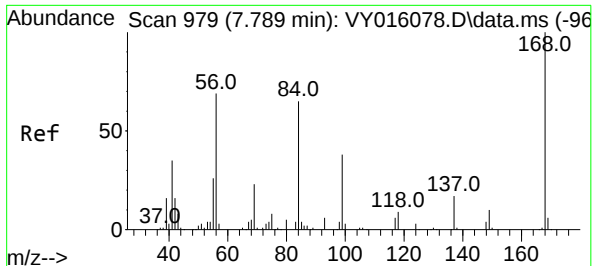
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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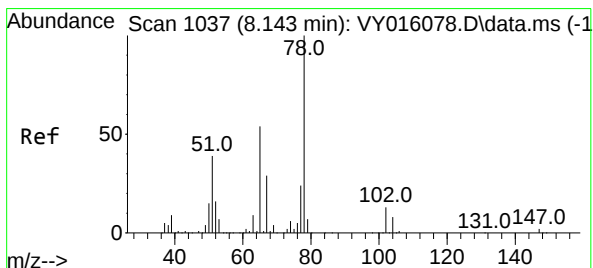
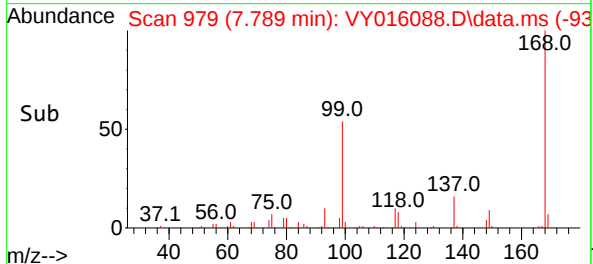
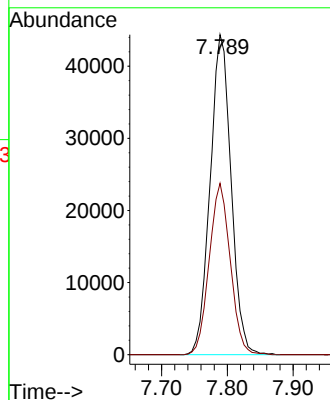
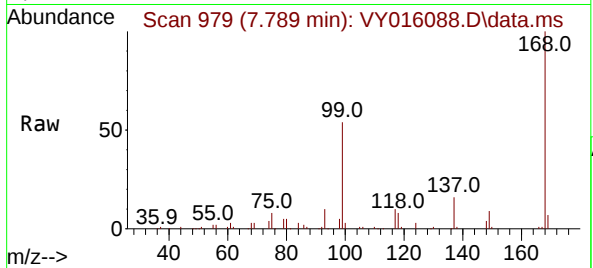




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016088.D
Acq: 26 Oct 2023 19:29

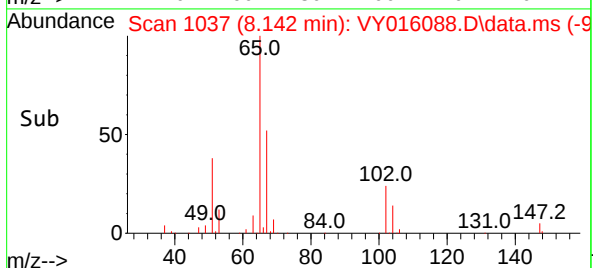
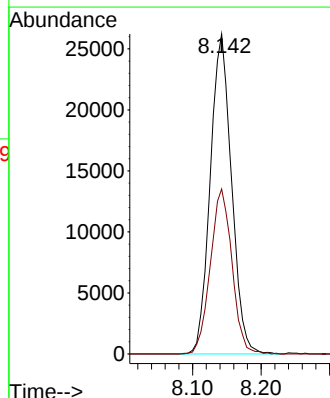
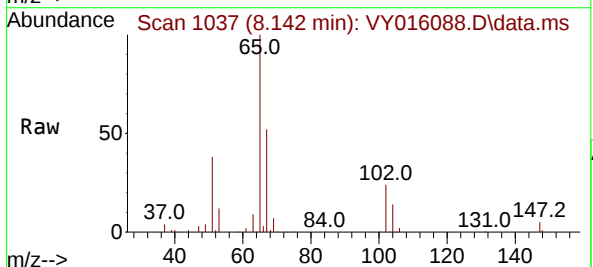
Instrument :
MSVOA_Y
ClientSampleId :
B5

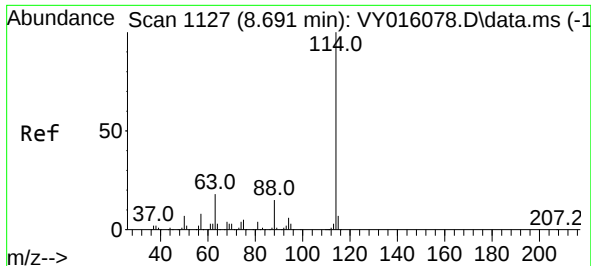
Tgt Ion:168 Resp: 98586
Ion Ratio Lower Upper
168 100
99 53.6 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 57.634 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY016088.D
Acq: 26 Oct 2023 19:29

Tgt Ion: 65 Resp: 56499
Ion Ratio Lower Upper
65 100
67 52.5 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: VY016088.D

Acq: 26 Oct 2023 19:29

Instrument :

MSVOA_Y

ClientSampleId :

B5

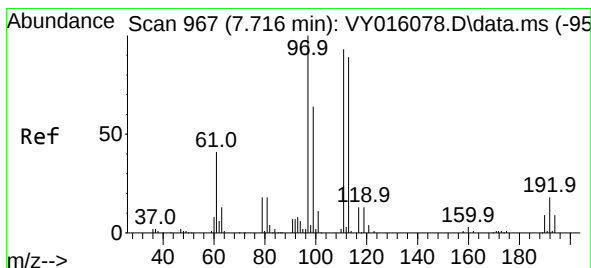
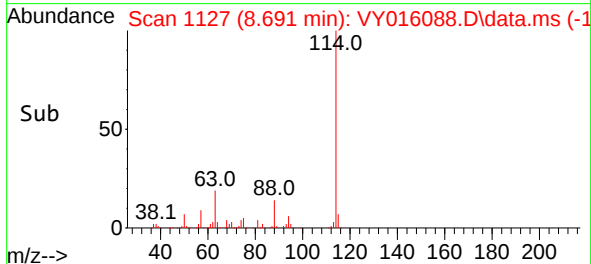
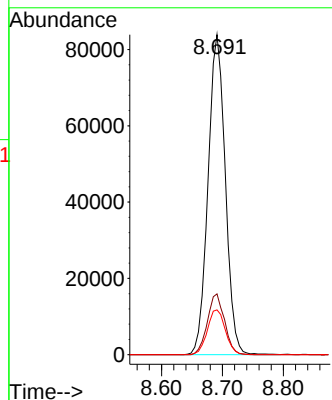
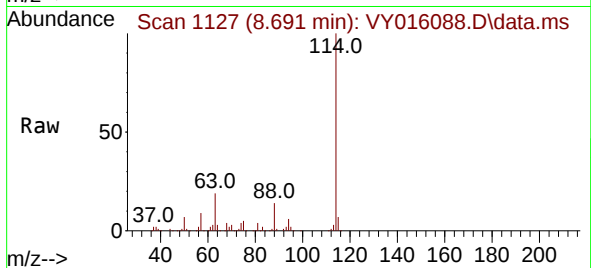
Tgt Ion:114 Resp: 165328

Ion Ratio Lower Upper

114 100

63 19.0 0.0 42.4

88 14.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.119 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY016088.D

Acq: 26 Oct 2023 19:29

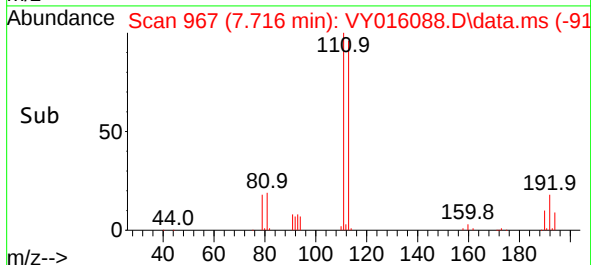
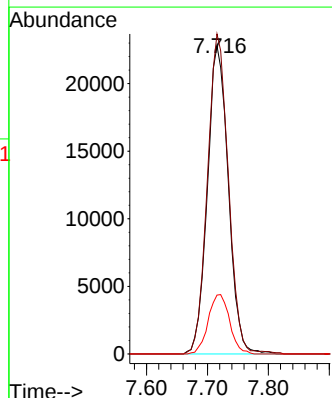
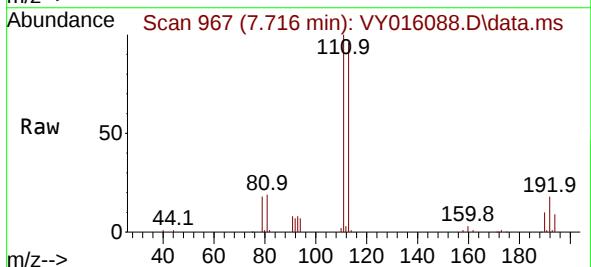
Tgt Ion:113 Resp: 54397

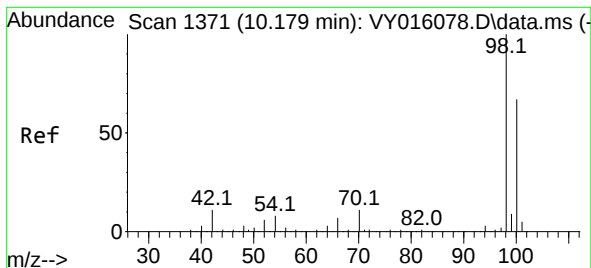
Ion Ratio Lower Upper

113 100

111 103.8 81.3 121.9

192 19.7 16.9 25.3

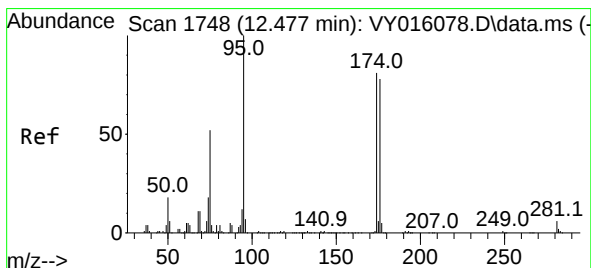
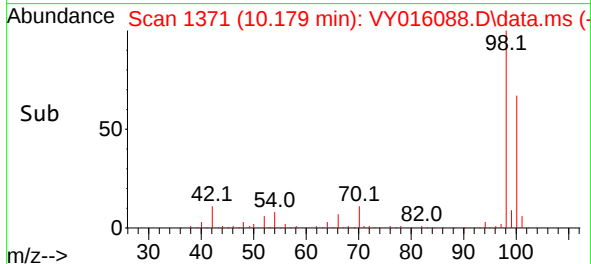
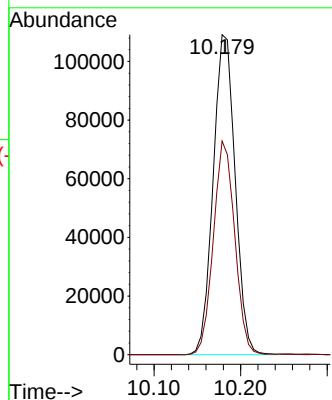
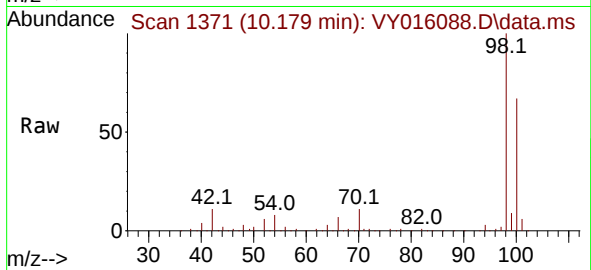




#50
Toluene-d8
Concen: 49.890 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016088.D
Acq: 26 Oct 2023 19:29

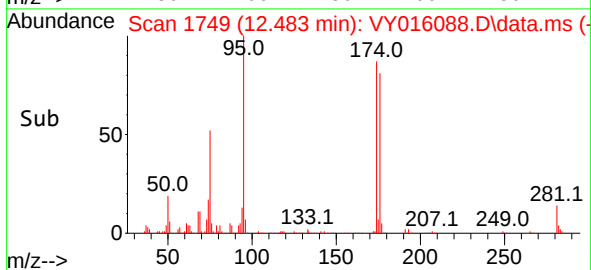
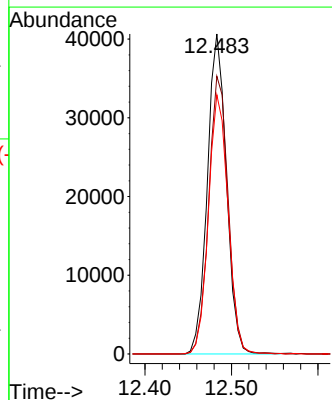
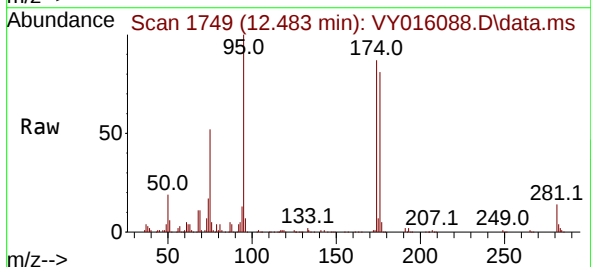
Instrument :
MSVOA_Y
ClientSampleId :
B5

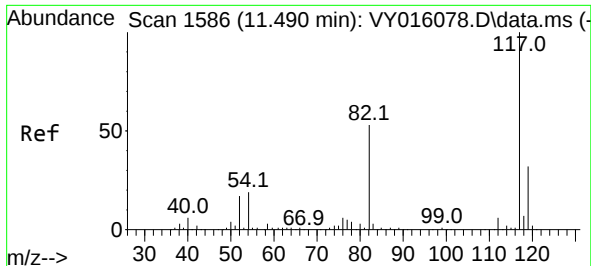
Tgt Ion: 98 Resp: 192878
Ion Ratio Lower Upper
98 100
100 64.8 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 46.887 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY016088.D
Acq: 26 Oct 2023 19:29

Tgt Ion: 95 Resp: 62180
Ion Ratio Lower Upper
95 100
174 88.7 0.0 178.2
176 83.4 0.0 173.8

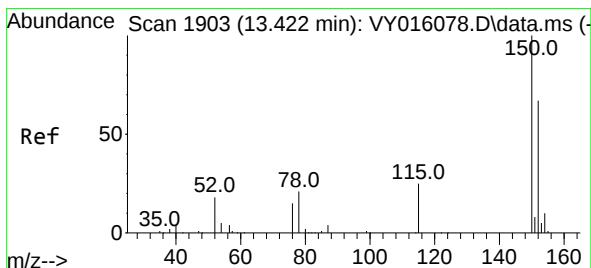
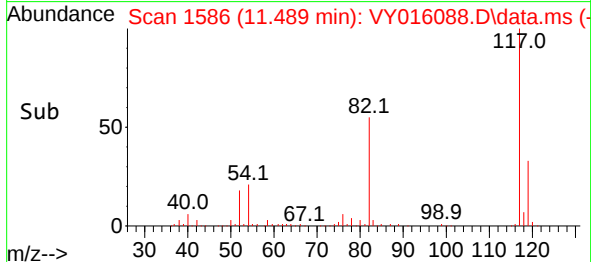
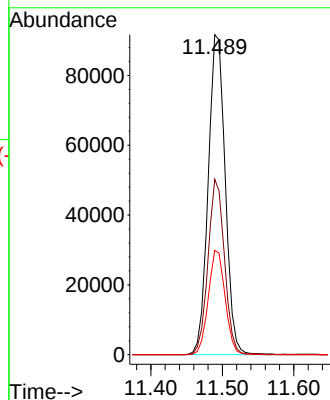
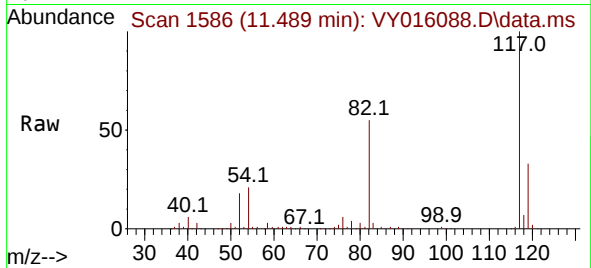




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016088.D
Acq: 26 Oct 2023 19:29

Instrument :
MSVOA_Y
ClientSampleId :
B5

Tgt Ion:117 Resp: 151490
Ion Ratio Lower Upper
117 100
82 54.8 43.4 65.0
119 32.6 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: VY016088.D
Acq: 26 Oct 2023 19:29

Tgt Ion:152 Resp: 68184
Ion Ratio Lower Upper
152 100
115 57.7 28.8 86.5
150 157.5 0.0 348.8

