

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112423\
 Data File : VY016496.D
 Acq On : 24 Nov 2023 19:46
 Operator : SY/MD
 Sample : 05521-03
 Misc : 5.37g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-1-GRAB

Quant Time: Nov 27 04:50:13 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	95659	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.716	114	166003	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.508	117	159599	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	71688	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	55152	63.082	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.160%	
35) Dibromofluoromethane	7.746	113	52744	55.932	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.860%	
50) Toluene-d8	10.203	98	194030	50.739	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.480%	
62) 4-Bromofluorobenzene	12.501	95	66936	53.894	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 107.780%	

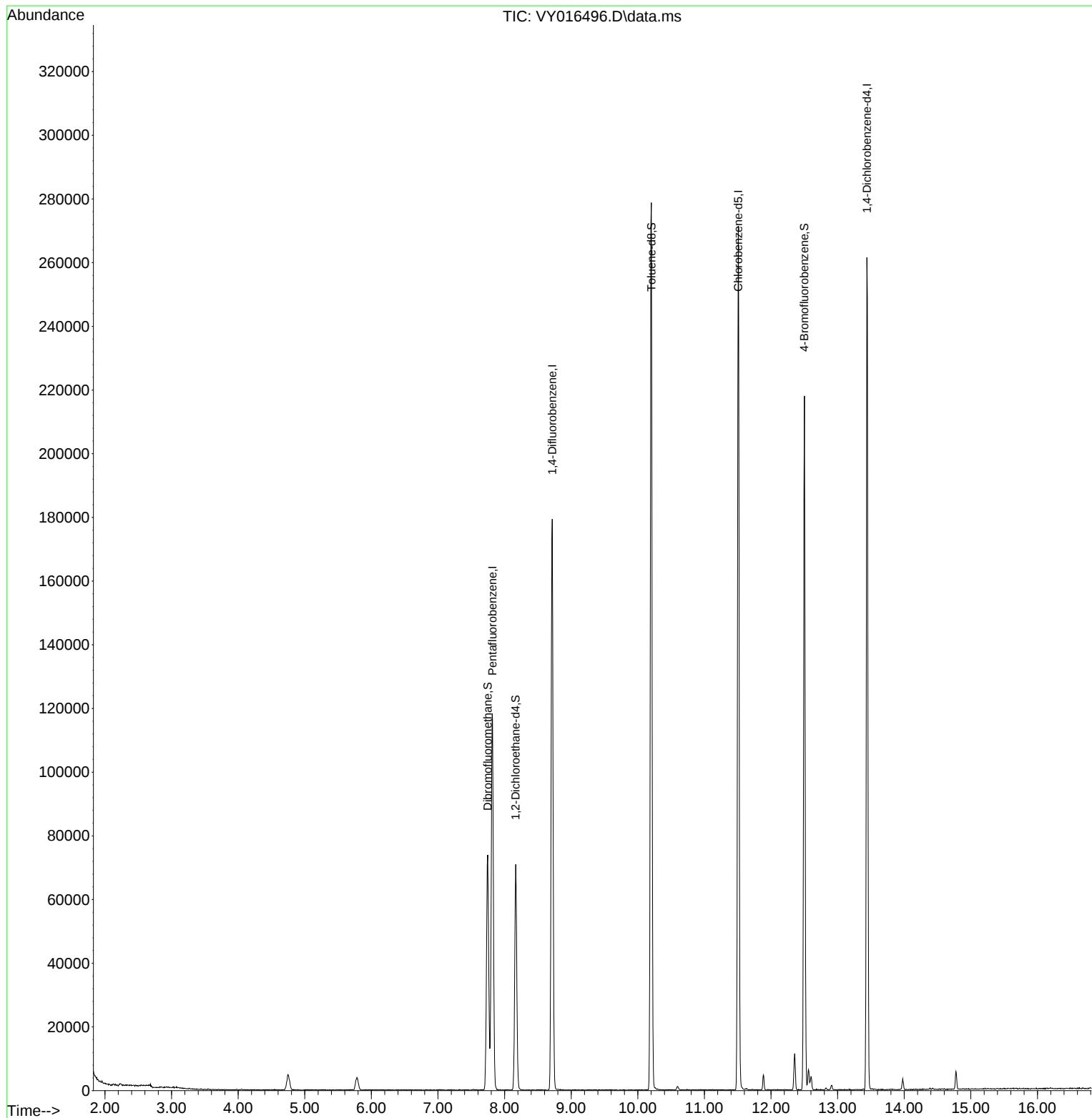
Target Compounds	Qvalue

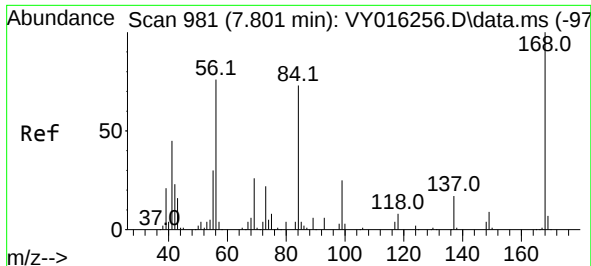
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112423\
Data File : VY016496.D
Acq On : 24 Nov 2023 19:46
Operator : SY/MD
Sample : 05521-03
Misc : 5.37g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SP-1-GRAB

Quant Time: Nov 27 04:50:13 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

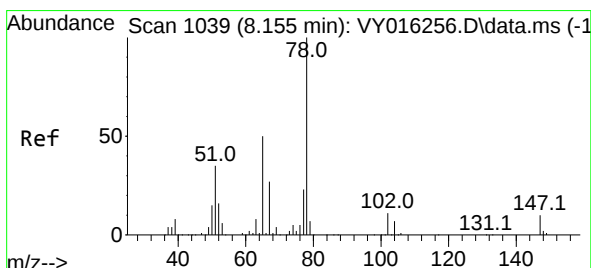
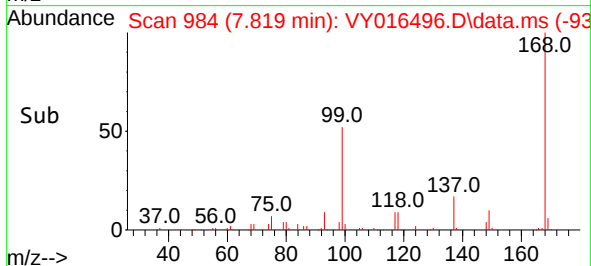
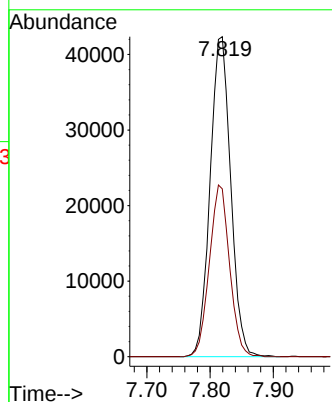
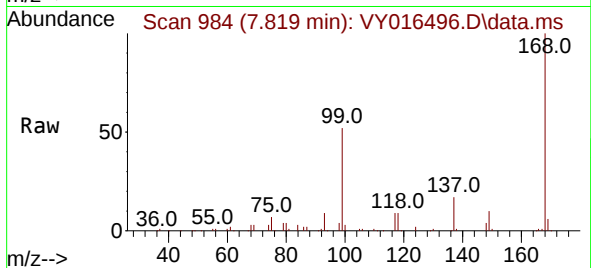




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY016496.D
Acq: 24 Nov 2023 19:46

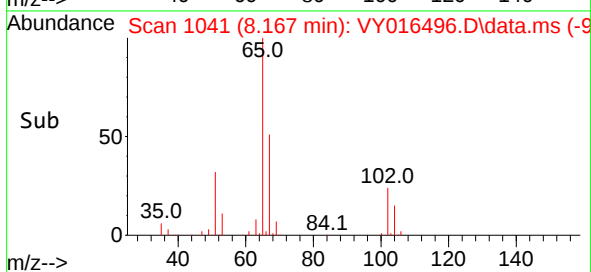
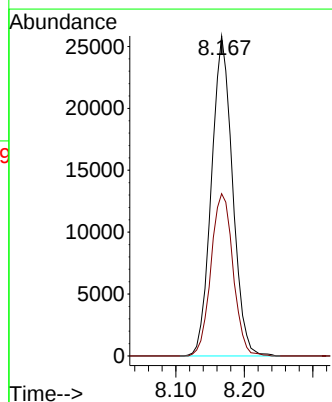
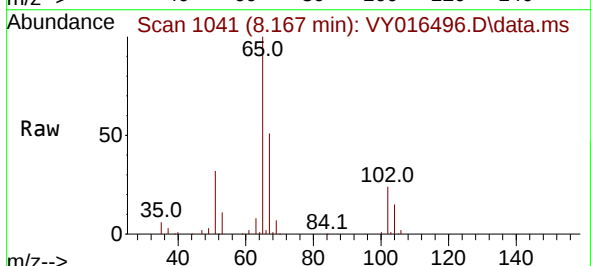
Instrument :
MSVOA_Y
ClientSampleId :
SP-1-GRAB

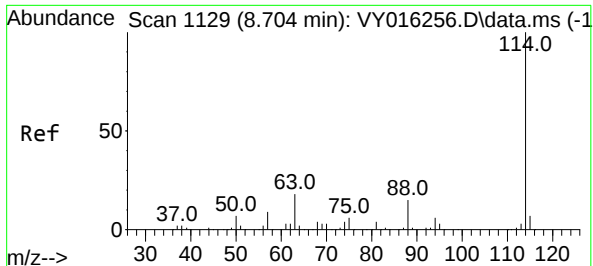
Tgt Ion:168 Resp: 95659
Ion Ratio Lower Upper
168 100
99 52.4 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 63.082 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.012 min
Lab File: VY016496.D
Acq: 24 Nov 2023 19:46

Tgt Ion: 65 Resp: 55152
Ion Ratio Lower Upper
65 100
67 53.1 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.716 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016496.D

Acq: 24 Nov 2023 19:46

Instrument :

MSVOA_Y

ClientSampleId :

SP-1-GRAB

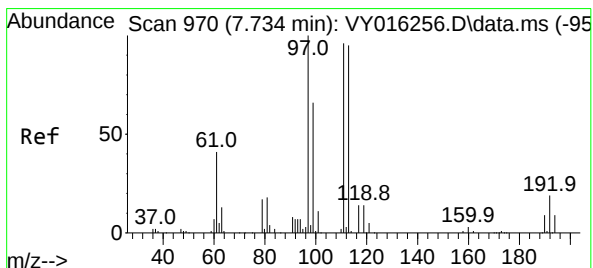
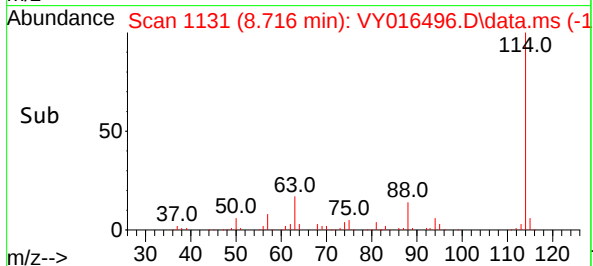
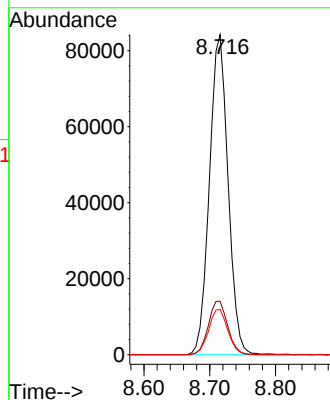
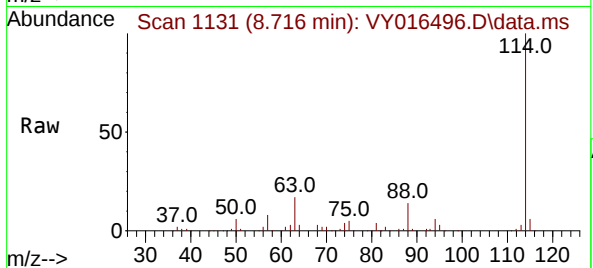
Tgt Ion:114 Resp: 166003

Ion Ratio Lower Upper

114 100

63 16.7 0.0 42.4

88 14.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.932 ug/l

RT: 7.746 min Scan# 972

Delta R.T. 0.012 min

Lab File: VY016496.D

Acq: 24 Nov 2023 19:46

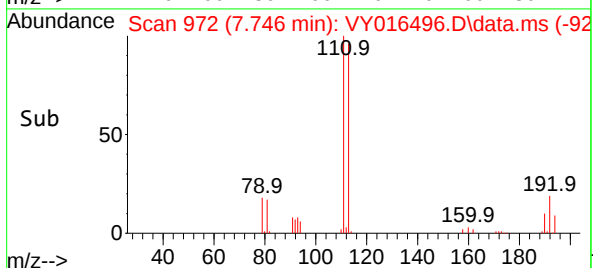
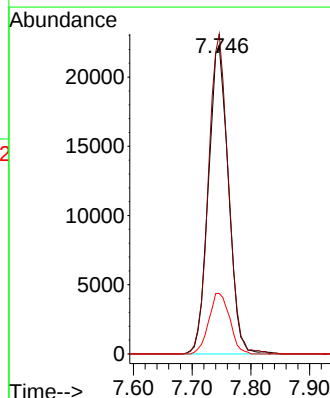
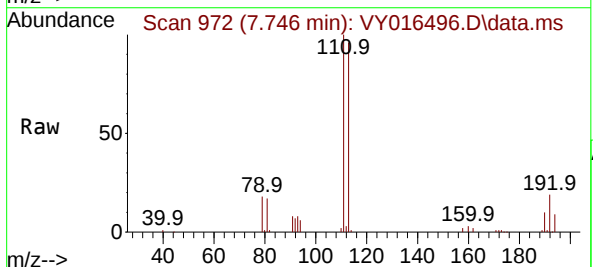
Tgt Ion:113 Resp: 52744

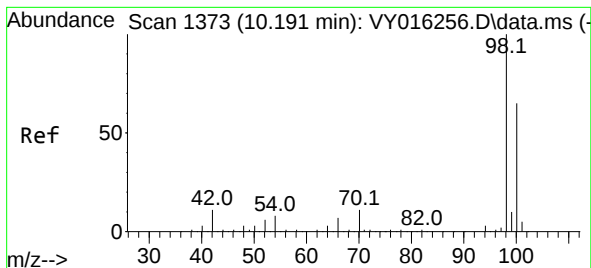
Ion Ratio Lower Upper

113 100

111 103.1 81.3 121.9

192 20.5 16.9 25.3





#50

Toluene-d8

Concen: 50.739 ug/l

RT: 10.203 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY016496.D

Acq: 24 Nov 2023 19:46

Instrument :

MSVOA_Y

ClientSampleId :

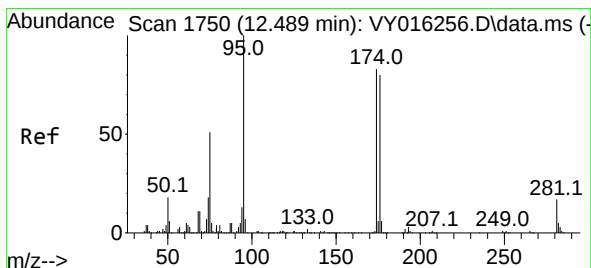
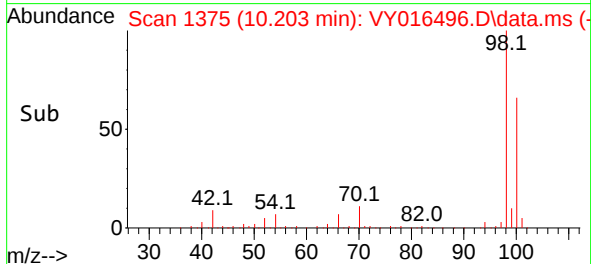
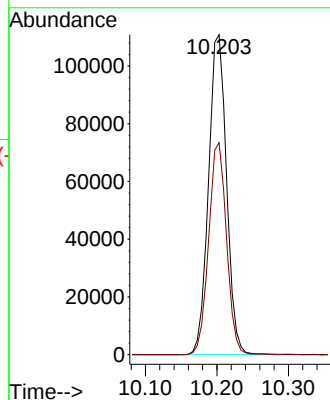
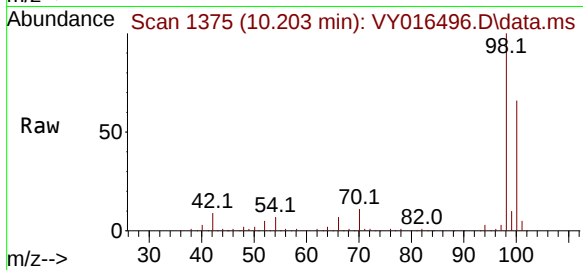
SP-1-GRAB

Tgt Ion: 98 Resp: 194030

Ion Ratio Lower Upper

98 100

100 65.7 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 53.894 ug/l

RT: 12.501 min Scan# 1752

Delta R.T. 0.012 min

Lab File: VY016496.D

Acq: 24 Nov 2023 19:46

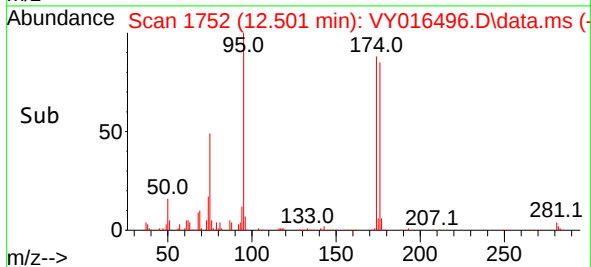
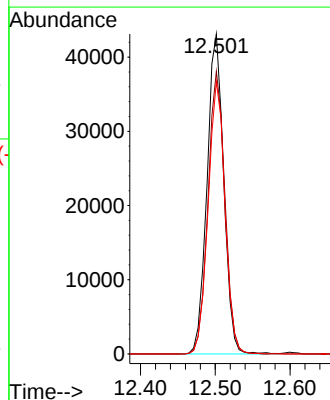
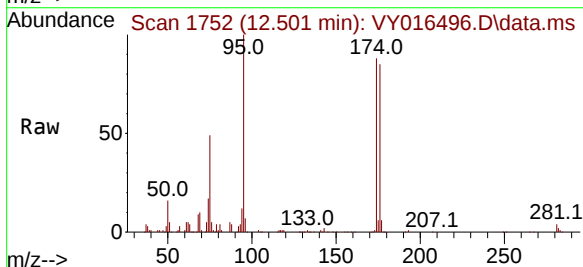
Tgt Ion: 95 Resp: 66936

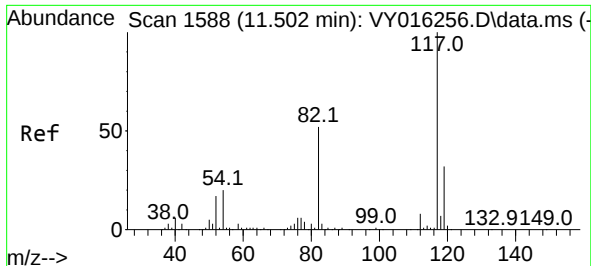
Ion Ratio Lower Upper

95 100

174 89.7 0.0 178.2

176 85.8 0.0 173.8

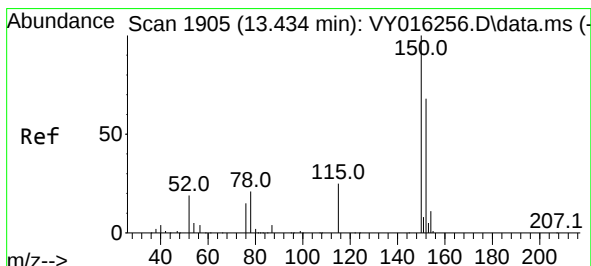
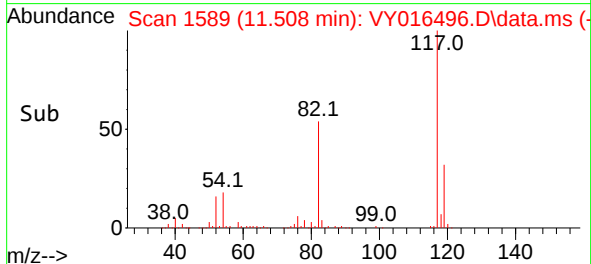
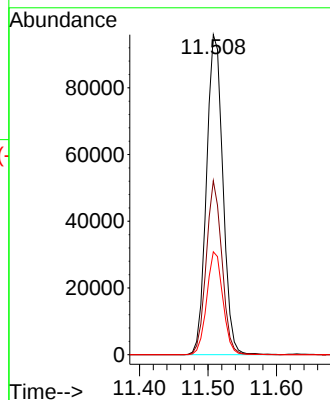
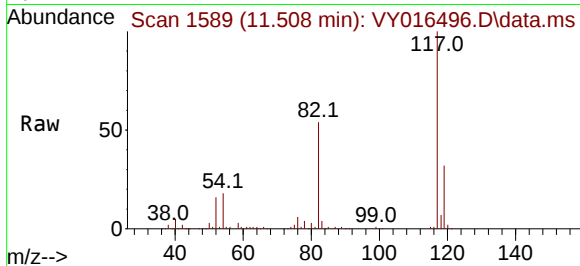




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 117
Delta R.T. 0.006 min
Lab File: VY016496.D
Acq: 24 Nov 2023 19:46

Instrument :
MSVOA_Y
ClientSampleId :
SP-1-GRAB

Tgt Ion:117 Resp: 159599
Ion Ratio Lower Upper
117 100
82 54.3 43.4 65.0
119 32.1 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.006 min
Lab File: VY016496.D
Acq: 24 Nov 2023 19:46

Tgt Ion:152 Resp: 71688
Ion Ratio Lower Upper
152 100
115 56.2 28.8 86.5
150 158.3 0.0 348.8

