

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033123\
 Data File : VY013161.D
 Acq On : 31 Mar 2023 15:43
 Operator : KP/MD
 Sample : 02161-04
 Misc : 5.95g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-5

Quant Time: Apr 01 00:07:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y033023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 31 05:07:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	96932	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	157874	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	147492	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	69745	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	61414	58.955	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.900%
35) Dibromofluoromethane	7.715	113	54127	52.482	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.960%
50) Toluene-d8	10.178	98	189232	48.603	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.200%
62) 4-Bromofluorobenzene	12.483	95	59129	46.656	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.320%

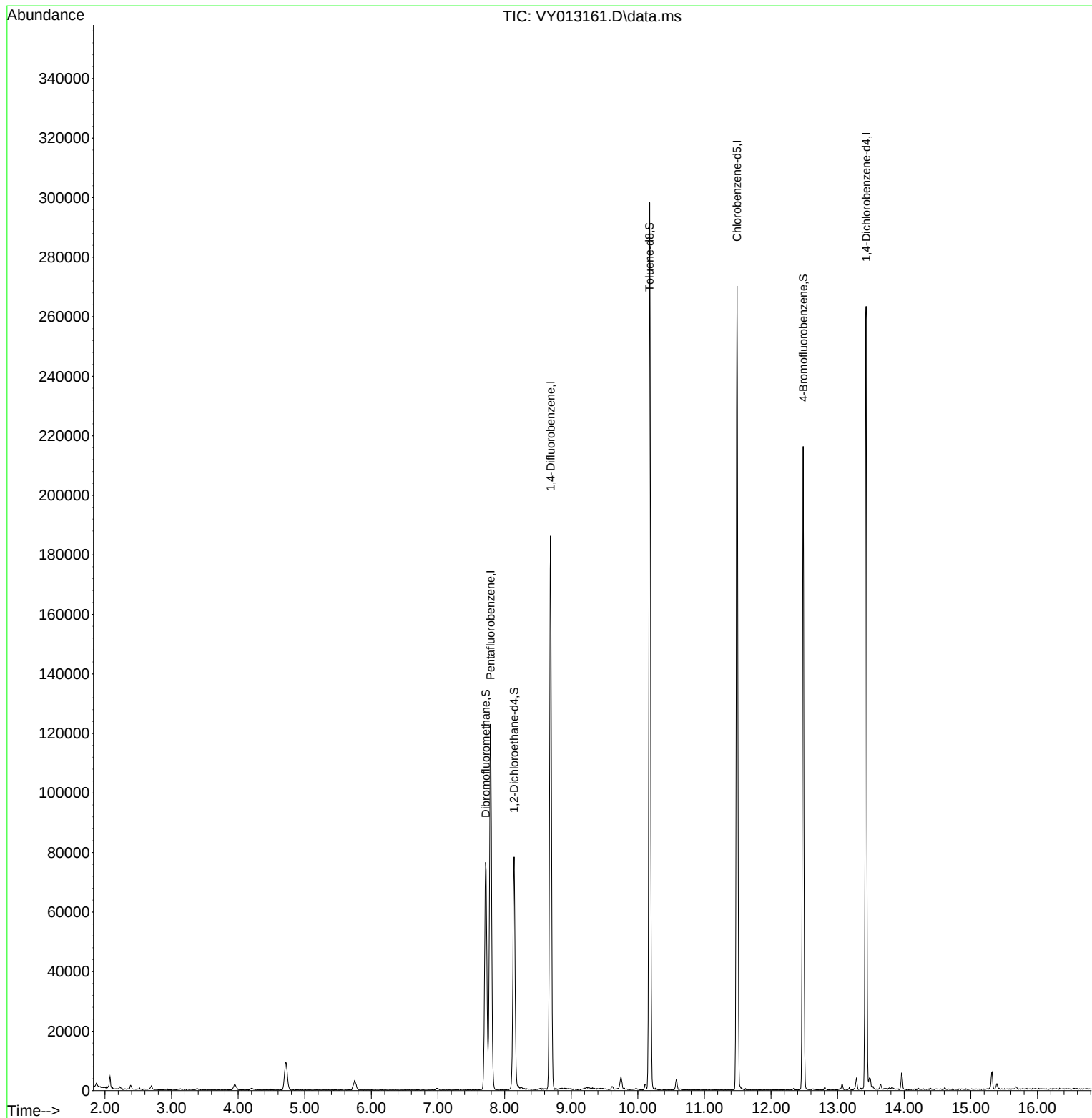
Target Compounds	Qvalue

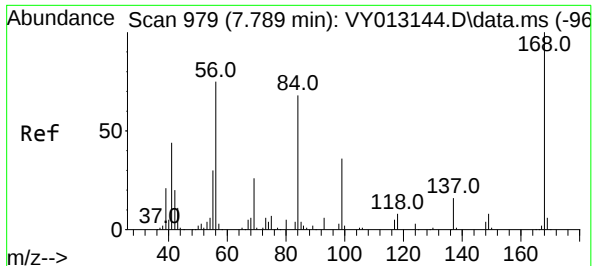
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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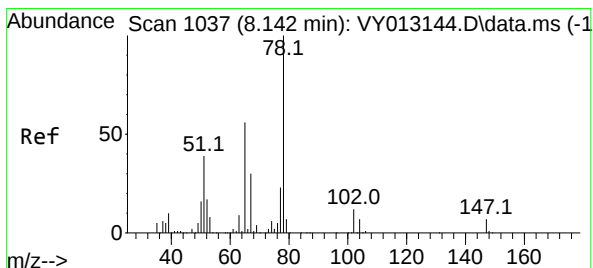
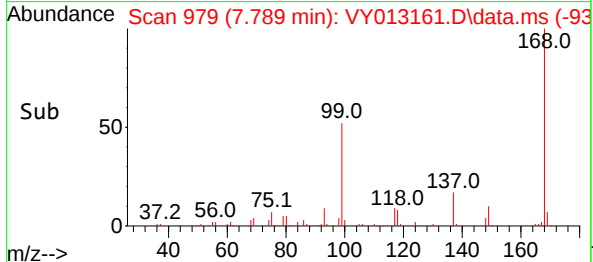
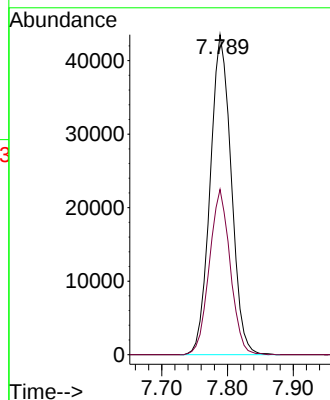
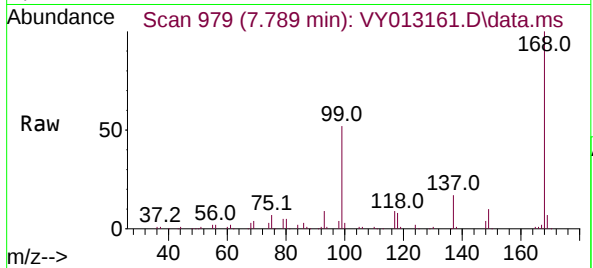




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013161.D
Acq: 31 Mar 2023 15:43

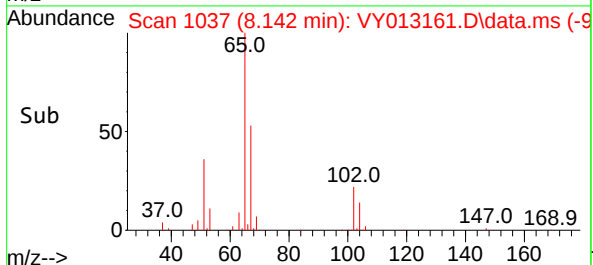
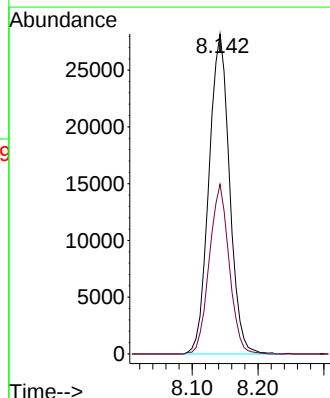
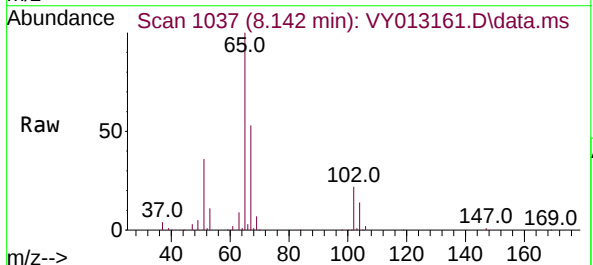
Instrument :
MSVOA_Y
ClientSampleId :
WC-5

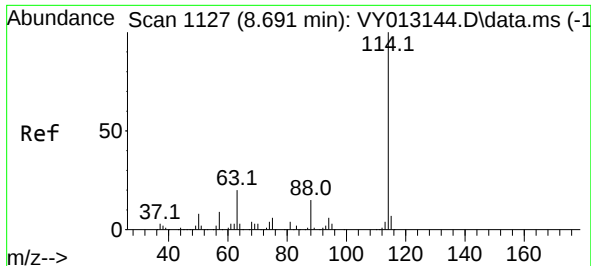
Tgt Ion:168 Resp: 96932
Ion Ratio Lower Upper
168 100
99 51.7 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 58.955 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY013161.D
Acq: 31 Mar 2023 15:43

Tgt Ion: 65 Resp: 61414
Ion Ratio Lower Upper
65 100
67 51.1 0.0 104.0

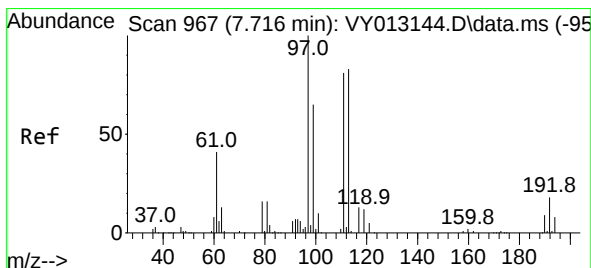
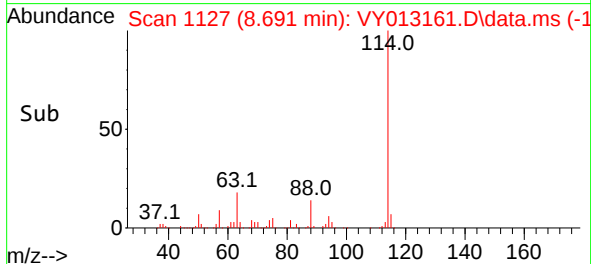
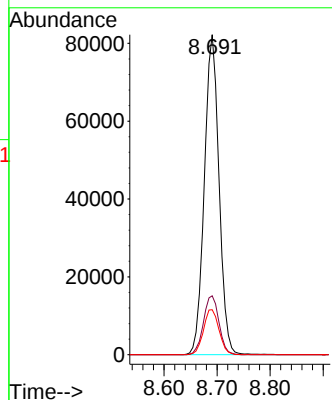
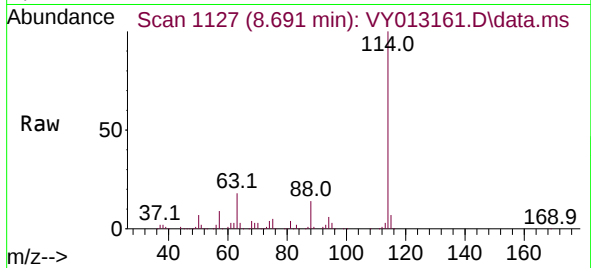




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY013161.D
Acq: 31 Mar 2023 15:43

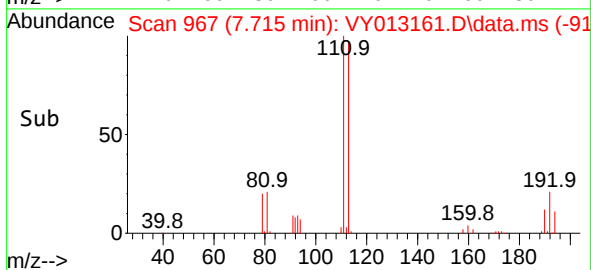
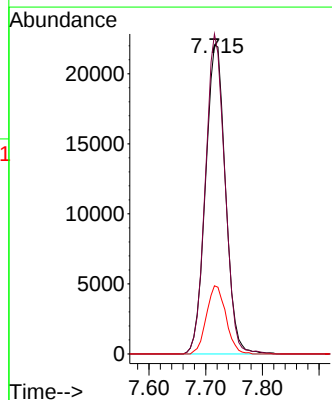
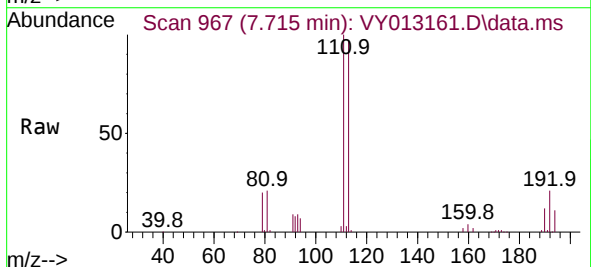
Instrument :
MSVOA_Y
ClientSampleId :
WC-5

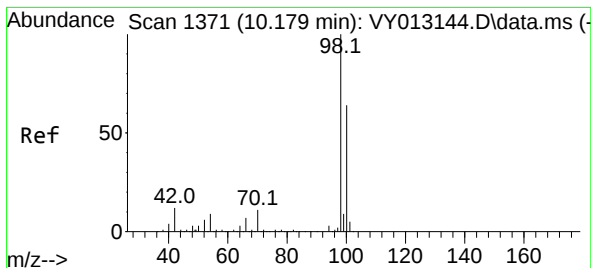
Tgt Ion:114 Resp: 157874
Ion Ratio Lower Upper
114 100
63 18.4 0.0 37.4
88 14.1 0.0 28.6



#35
Dibromofluoromethane
Concen: 52.482 ug/l
RT: 7.715 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY013161.D
Acq: 31 Mar 2023 15:43

Tgt Ion:113 Resp: 54127
Ion Ratio Lower Upper
113 100
111 100.5 82.2 123.2
192 21.4 16.8 25.2





#50

Toluene-d8

Concen: 48.603 ug/l

RT: 10.178 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013161.D

Acq: 31 Mar 2023 15:43

Instrument :

MSVOA_Y

ClientSampleId :

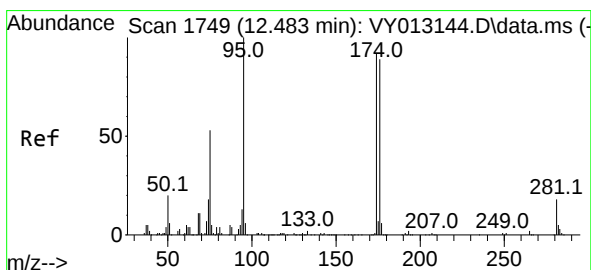
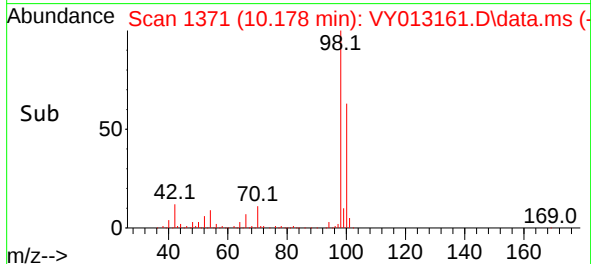
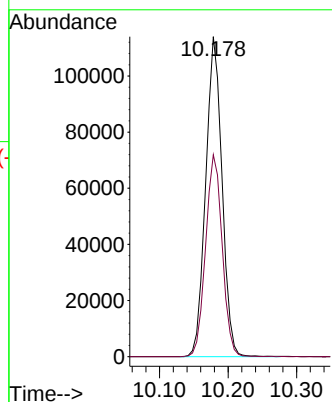
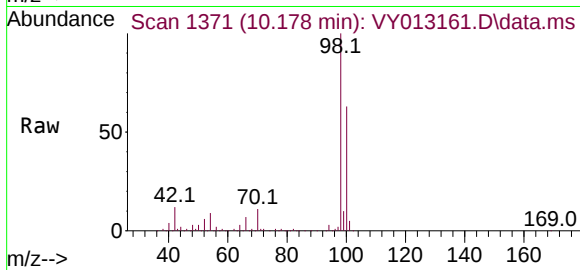
WC-5

Tgt Ion: 98 Resp: 189232

Ion Ratio Lower Upper

98 100

100 64.1 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 46.656 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VY013161.D

Acq: 31 Mar 2023 15:43

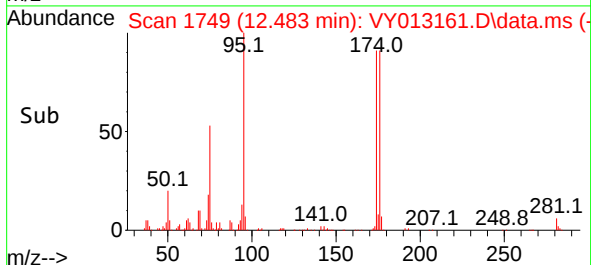
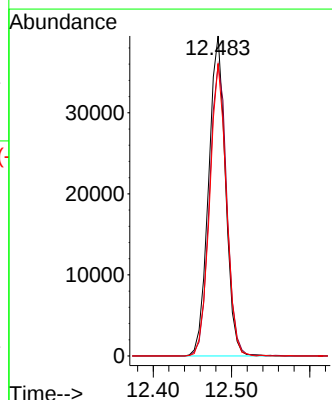
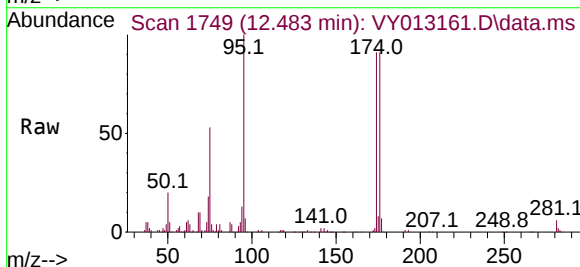
Tgt Ion: 95 Resp: 59129

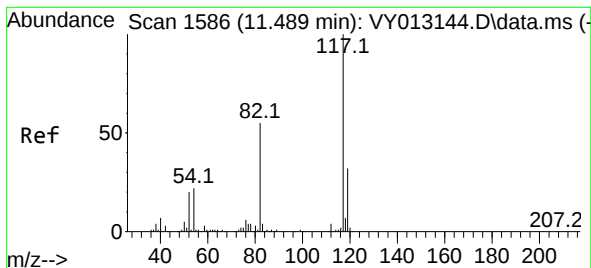
Ion Ratio Lower Upper

95 100

174 93.5 0.0 176.6

176 89.8 0.0 170.2

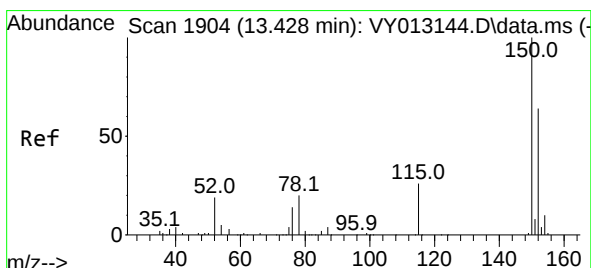
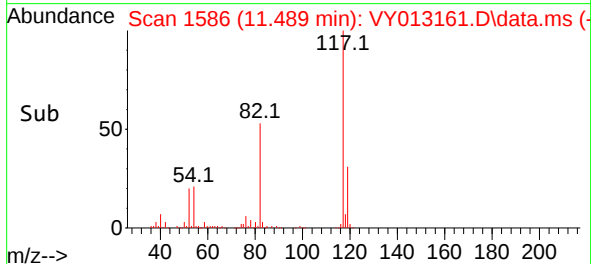
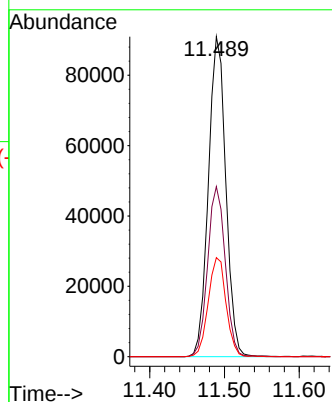
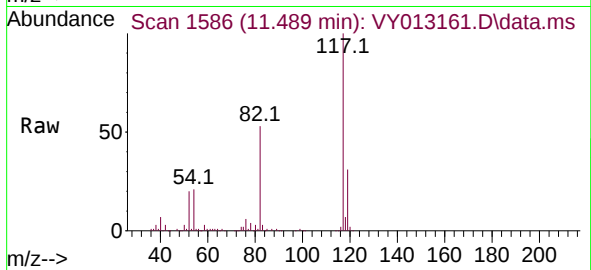




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY013161.D
Acq: 31 Mar 2023 15:43

Instrument :
MSVOA_Y
ClientSampleId :
WC-5

Tgt Ion:117 Resp: 147492
Ion Ratio Lower Upper
117 100
82 53.2 45.4 68.0
119 31.0 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY013161.D
Acq: 31 Mar 2023 15:43

Tgt Ion:152 Resp: 69745
Ion Ratio Lower Upper
152 100
115 55.4 27.1 81.3
150 157.1 0.0 347.8

