

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042423\
 Data File : VY013433.D
 Acq On : 25 Apr 2023 06:58
 Operator : KP/MD
 Sample : 02390-02
 Misc : 2.97g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SPC-1WC-23-04-17

Quant Time: Apr 25 08:00:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	170117	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	293487	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	269273	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	113239	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	113944	61.101	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.200%
35) Dibromofluoromethane	7.715	113	101359	54.910	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.820%
50) Toluene-d8	10.178	98	354092	53.923	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	107.840%
62) 4-Bromofluorobenzene	12.477	95	103997	46.977	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.960%

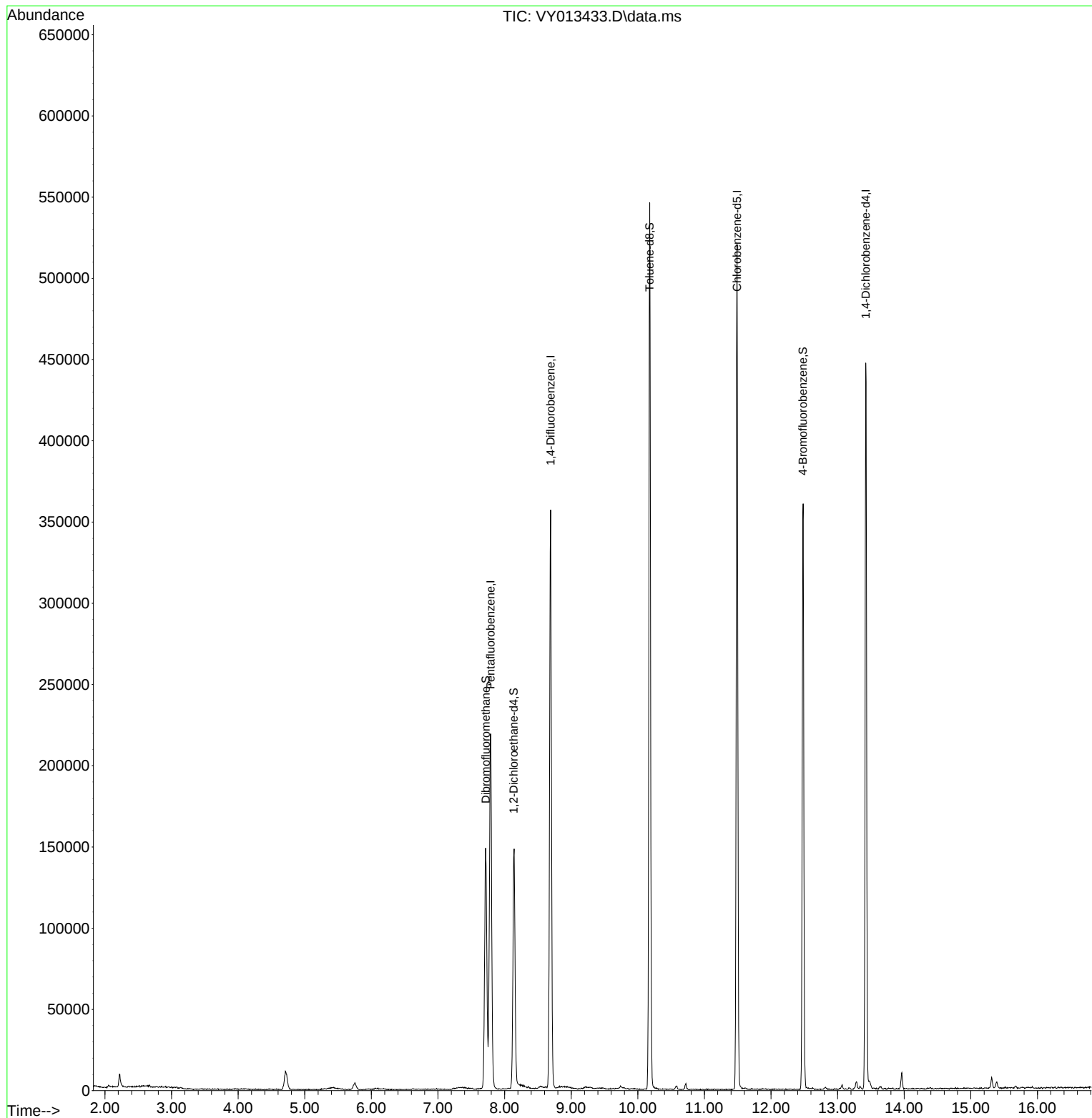
Target Compounds	Qvalue

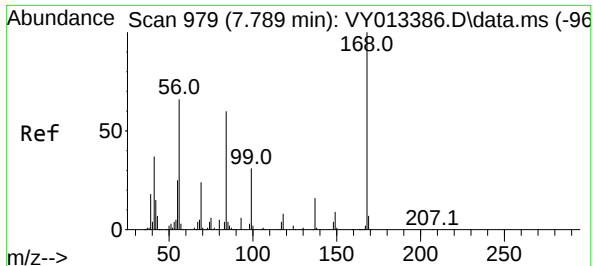
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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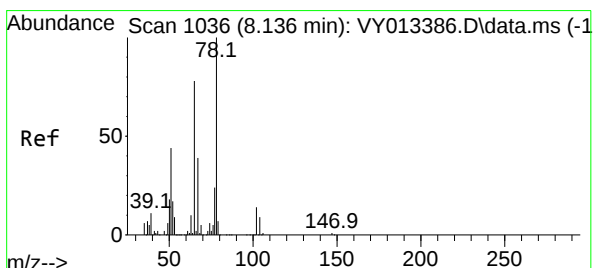
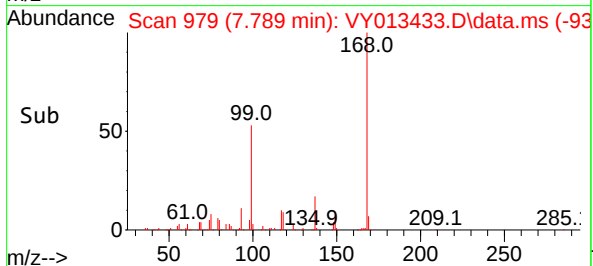
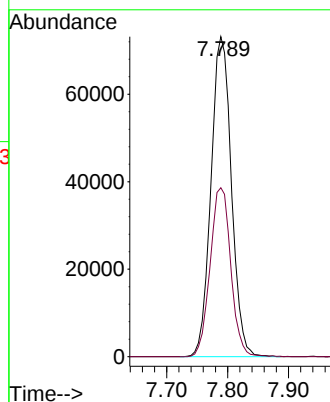
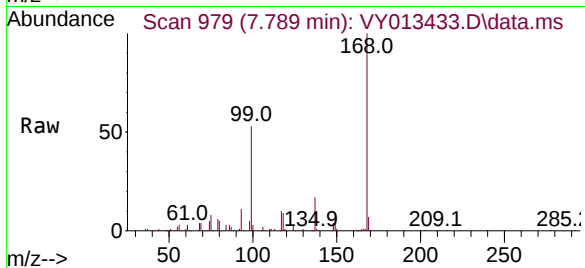




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013433.D
Acq: 25 Apr 2023 06:58

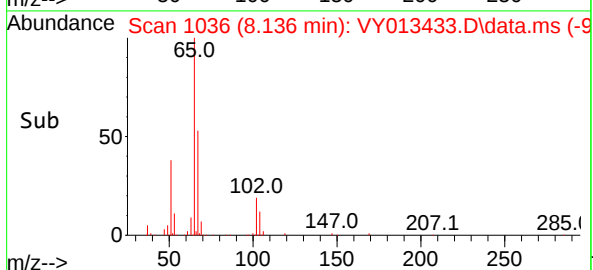
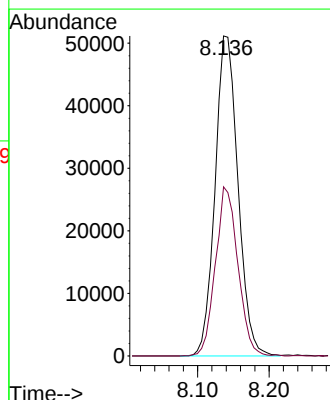
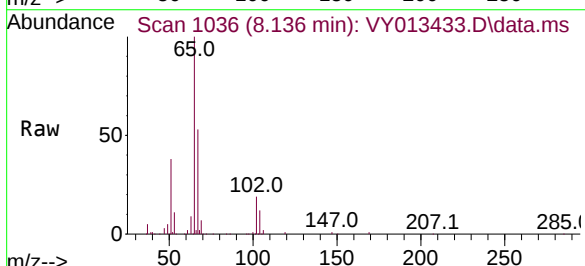
Instrument :
MSVOA_Y
ClientSampleId :
SPC-1WC-23-04-17

Tgt Ion:168 Resp: 170117
Ion Ratio Lower Upper
168 100
99 52.8 41.8 62.6



#33
1,2-Dichloroethane-d4
Concen: 61.101 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY013433.D
Acq: 25 Apr 2023 06:58

Tgt Ion: 65 Resp: 113944
Ion Ratio Lower Upper
65 100
67 51.9 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY013433.D

Acq: 25 Apr 2023 06:58

Instrument :

MSVOA_Y

ClientSampleId :

SPC-1WC-23-04-17

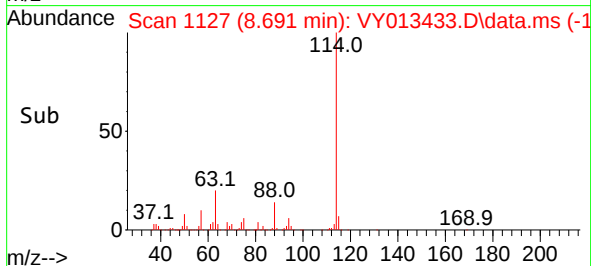
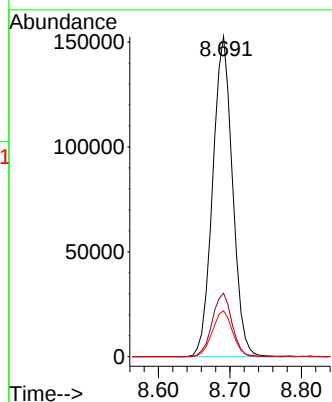
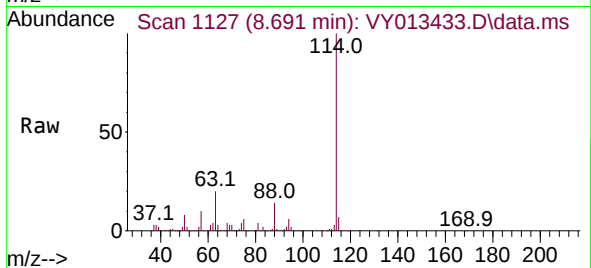
Tgt Ion:114 Resp: 293487

Ion Ratio Lower Upper

114 100

63 19.8 0.0 36.6

88 14.4 0.0 28.8



#35

Dibromofluoromethane

Concen: 54.910 ug/l

RT: 7.715 min Scan# 967

Delta R.T. -0.001 min

Lab File: VY013433.D

Acq: 25 Apr 2023 06:58

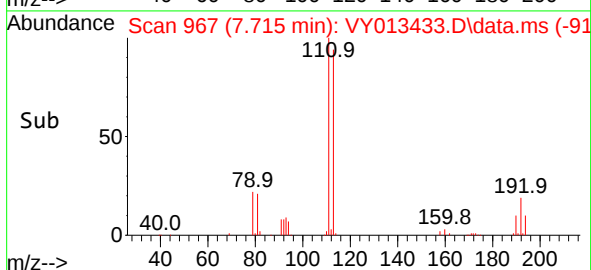
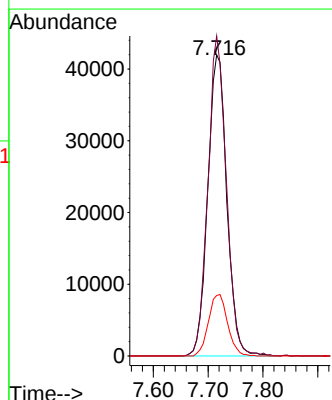
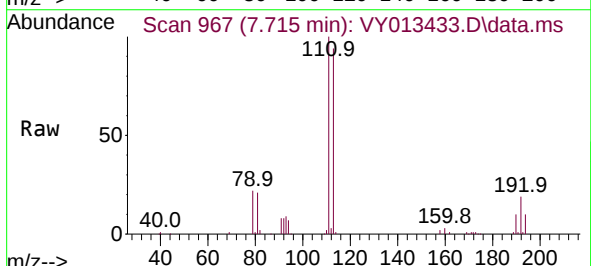
Tgt Ion:113 Resp: 101359

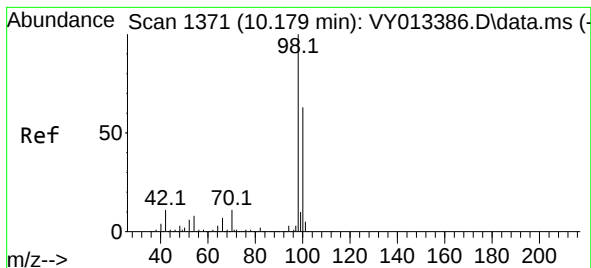
Ion Ratio Lower Upper

113 100

111 102.6 82.2 123.2

192 20.4 16.7 25.1





#50

Toluene-d8

Concen: 53.923 ug/l

RT: 10.178 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY013433.D

Acq: 25 Apr 2023 06:58

Instrument :

MSVOA_Y

ClientSampleId :

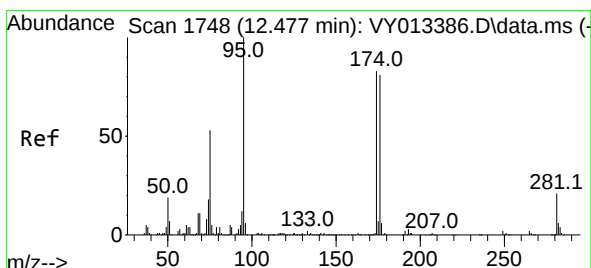
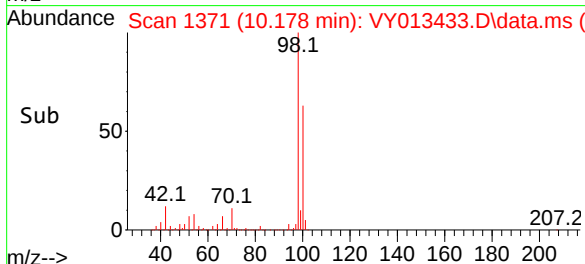
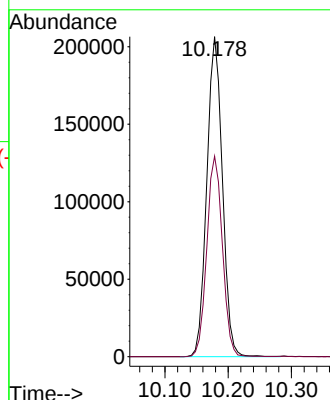
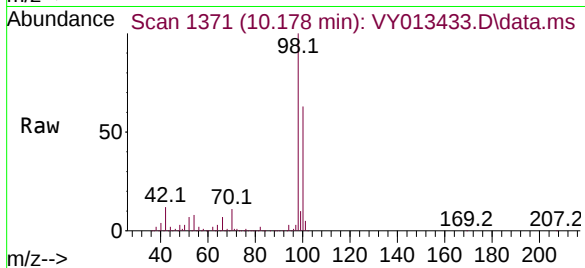
SPC-1WC-23-04-17

Tgt Ion: 98 Resp: 354092

Ion Ratio Lower Upper

98 100

100 62.8 50.5 75.7



#62

4-Bromofluorobenzene

Concen: 46.977 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.000 min

Lab File: VY013433.D

Acq: 25 Apr 2023 06:58

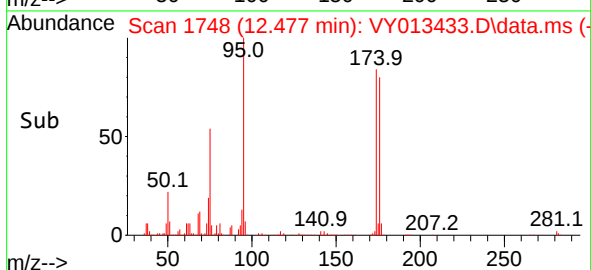
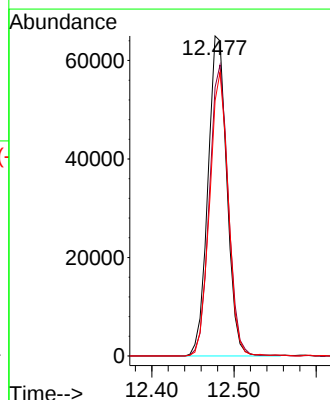
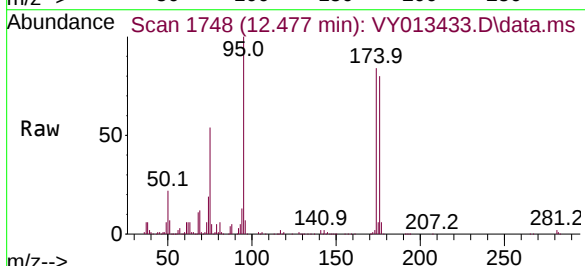
Tgt Ion: 95 Resp: 103997

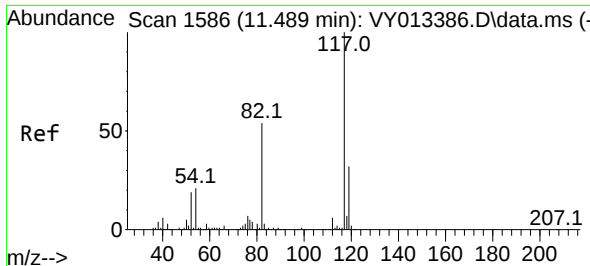
Ion Ratio Lower Upper

95 100

174 90.6 0.0 182.0

176 87.1 0.0 175.4

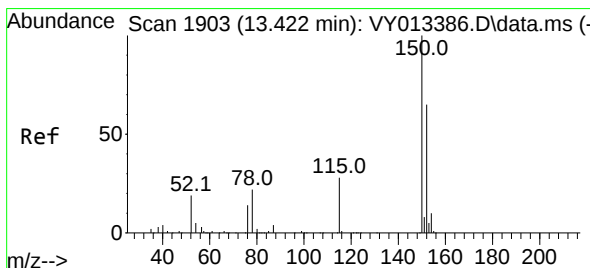
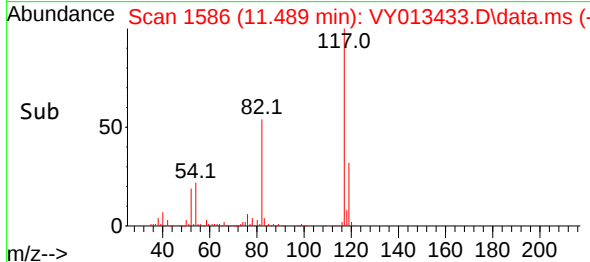
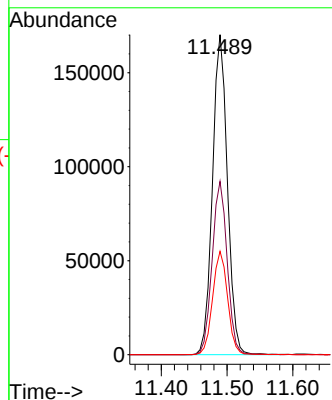
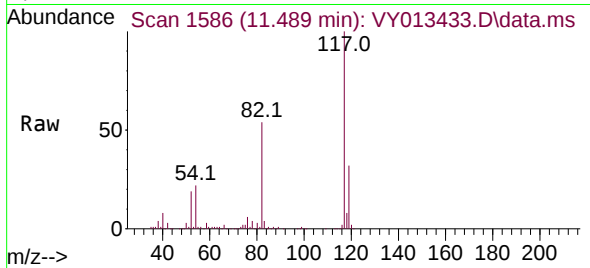




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013433.D
Acq: 25 Apr 2023 06:58

Instrument :
MSVOA_Y
ClientSampleId :
SPC-1WC-23-04-17

Tgt Ion:117 Resp: 269273
Ion Ratio Lower Upper
117 100
82 54.2 43.0 64.6
119 32.3 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY013433.D
Acq: 25 Apr 2023 06:58

Tgt Ion:152 Resp: 113239
Ion Ratio Lower Upper
152 100
115 56.9 28.1 84.2
150 160.5 0.0 352.0

