

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042423\
 Data File : VY013430.D
 Acq On : 25 Apr 2023 05:48
 Operator : KP/MD
 Sample : 02423-06
 Misc : 3.94g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SPD-2WC-23-04-18

Quant Time: Apr 25 07:17:24 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	178760	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	304366	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	288015	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	132413	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	121719	62.114	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.220%
35) Dibromofluoromethane	7.716	113	103348	53.987	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.980%
50) Toluene-d8	10.179	98	374098	54.933	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	109.860%
62) 4-Bromofluorobenzene	12.477	95	118269	51.515	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	103.020%

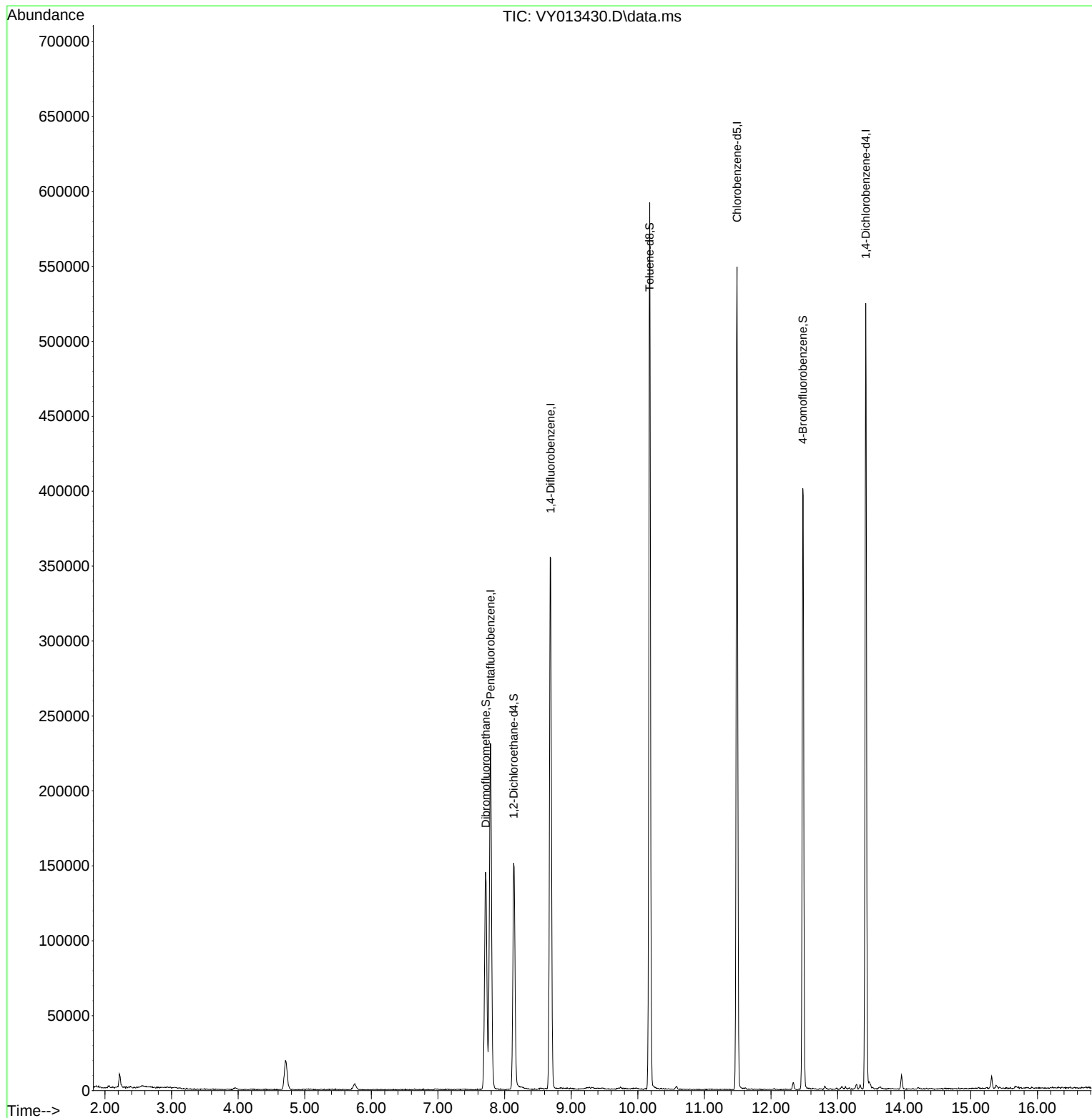
Target Compounds	Qvalue

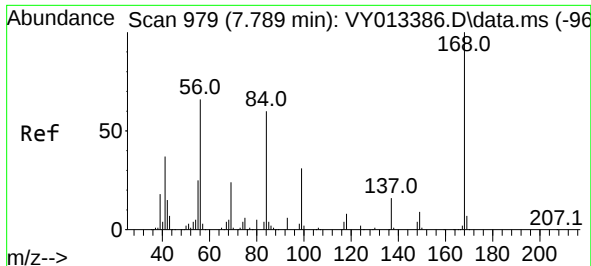
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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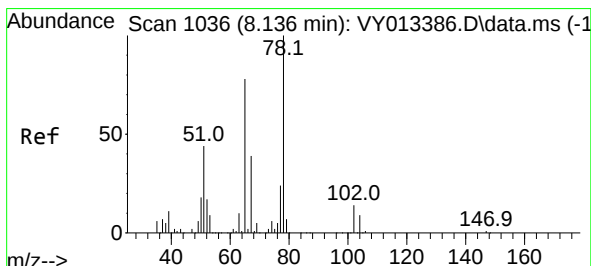
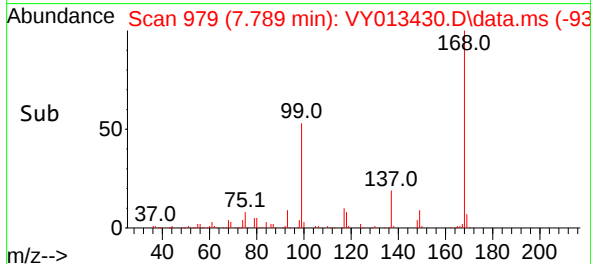
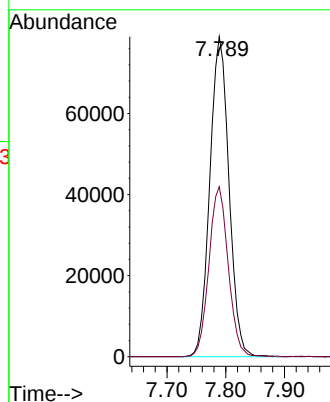
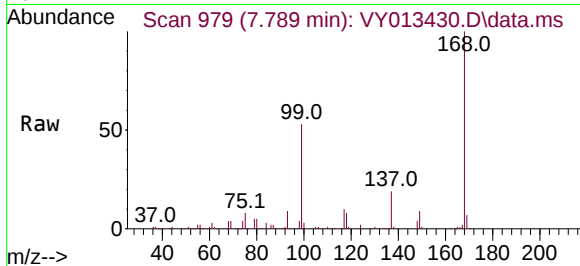




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013430.D
Acq: 25 Apr 2023 05:48

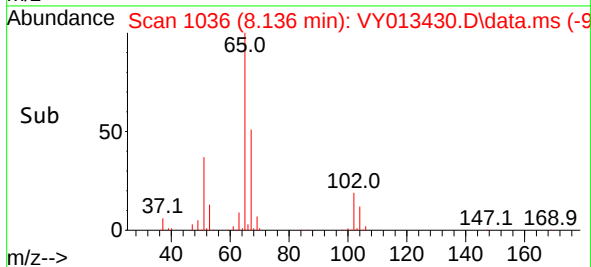
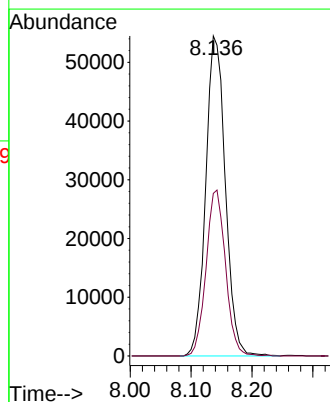
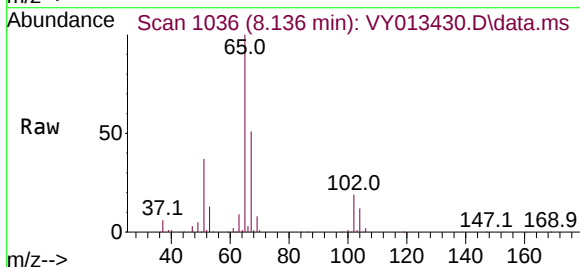
Instrument :
MSVOA_Y
ClientSampleId :
SPD-2WC-23-04-18

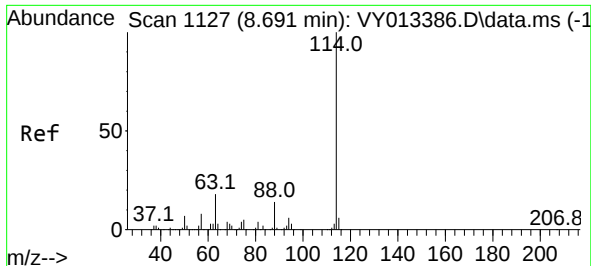
Tgt Ion:168 Resp: 178760
Ion Ratio Lower Upper
168 100
99 53.1 41.8 62.6



#33
1,2-Dichloroethane-d4
Concen: 62.114 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY013430.D
Acq: 25 Apr 2023 05:48

Tgt Ion: 65 Resp: 121719
Ion Ratio Lower Upper
65 100
67 51.5 0.0 103.4

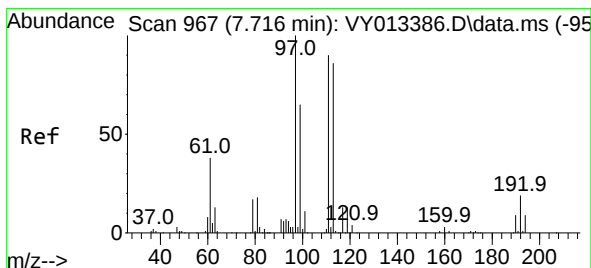
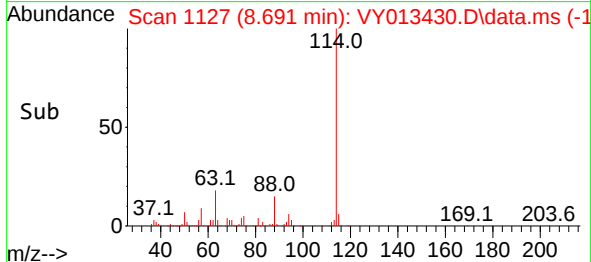
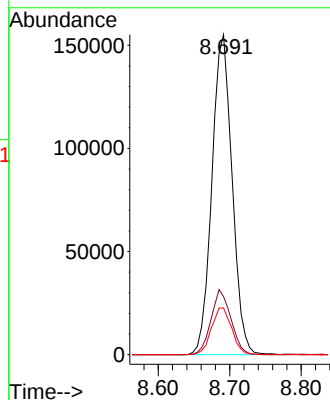
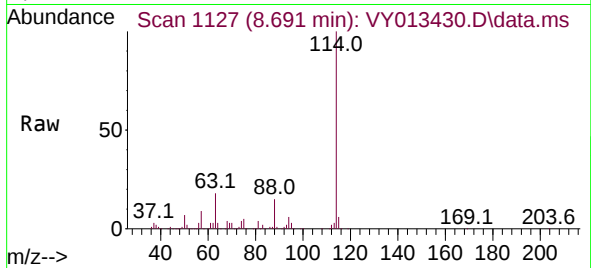




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY013430.D
Acq: 25 Apr 2023 05:48

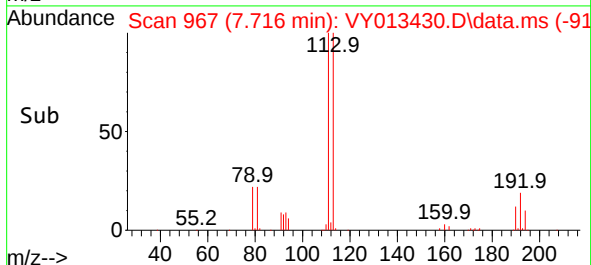
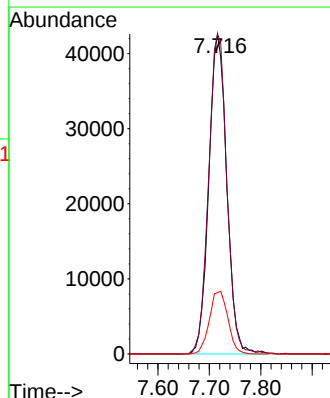
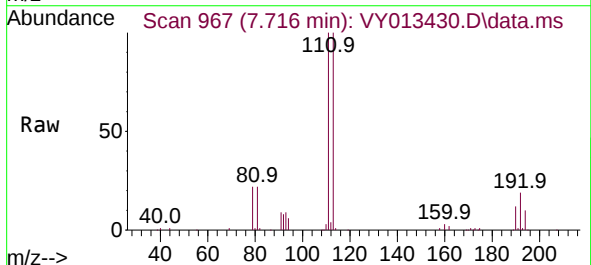
Instrument :
MSVOA_Y
ClientSampleId :
SPD-2WC-23-04-18

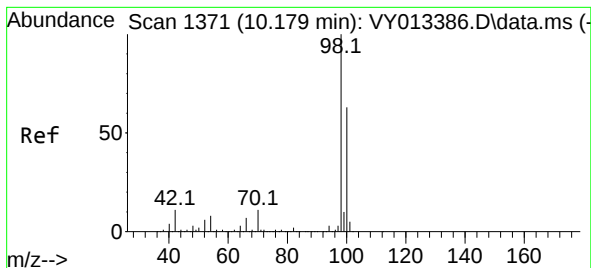
Tgt Ion:	114	Resp:	304366
Ion Ratio	Lower	Upper	
114	100		
63	18.2	0.0	36.6
88	14.6	0.0	28.8



#35
Dibromofluoromethane
Concen: 53.987 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY013430.D
Acq: 25 Apr 2023 05:48

Tgt Ion:	113	Resp:	103348
Ion Ratio	Lower	Upper	
113	100		
111	101.8	82.2	123.2
192	20.2	16.7	25.1





#50

Toluene-d8

Concen: 54.933 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013430.D

Acq: 25 Apr 2023 05:48

Instrument :

MSVOA_Y

ClientSampleId :

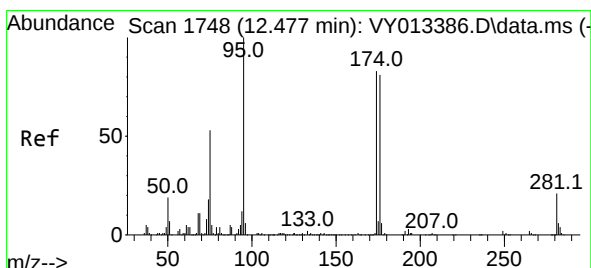
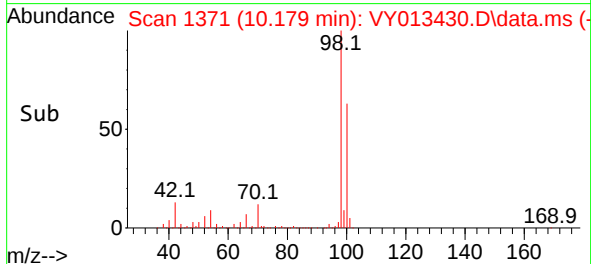
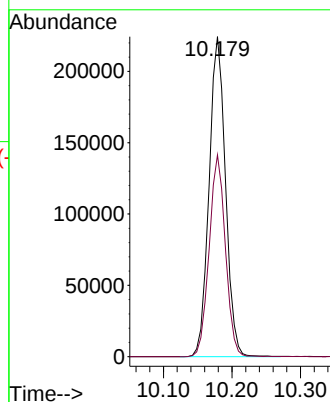
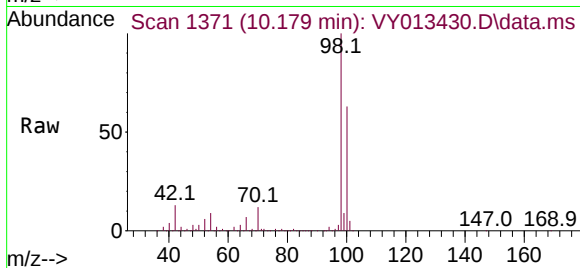
SPD-2WC-23-04-18

Tgt Ion: 98 Resp: 374098

Ion Ratio Lower Upper

98 100

100 62.3 50.5 75.7



#62

4-Bromofluorobenzene

Concen: 51.515 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY013430.D

Acq: 25 Apr 2023 05:48

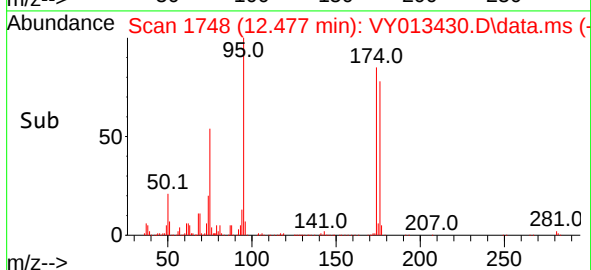
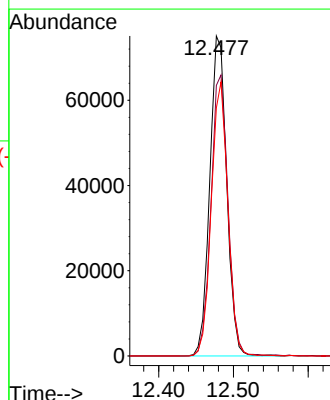
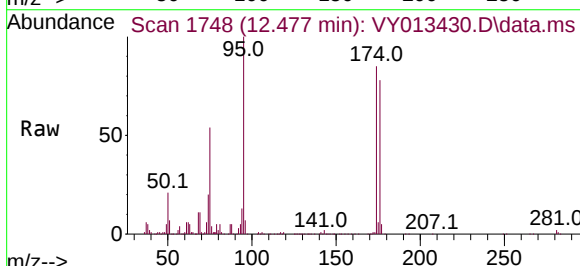
Tgt Ion: 95 Resp: 118269

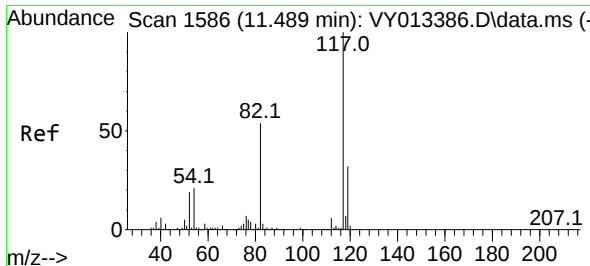
Ion Ratio Lower Upper

95 100

174 88.5 0.0 182.0

176 84.2 0.0 175.4

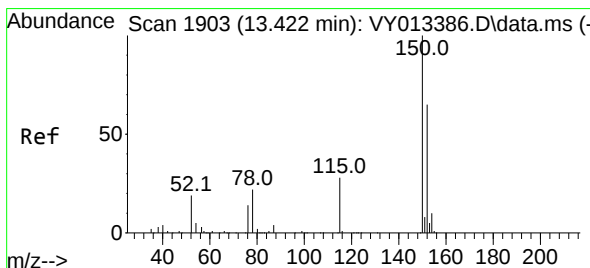
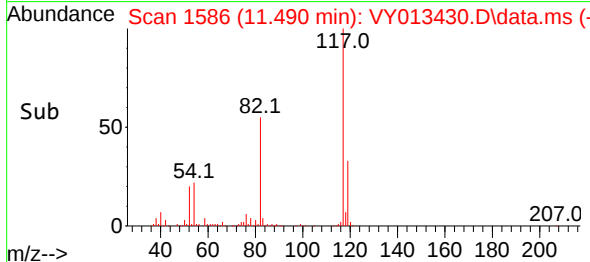
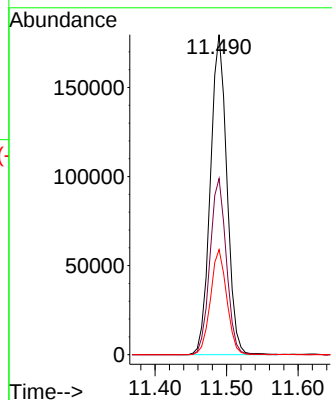
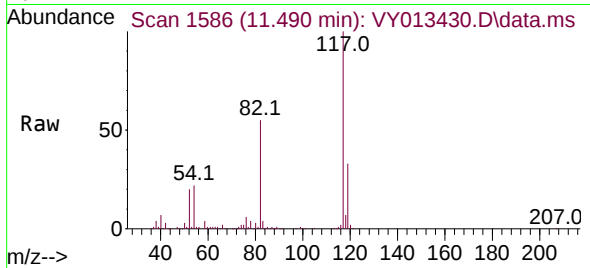




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.001 min
Lab File: VY013430.D
Acq: 25 Apr 2023 05:48

Instrument :
MSVOA_Y
ClientSampleId :
SPD-2WC-23-04-18

Tgt Ion:117 Resp: 288015
Ion Ratio Lower Upper
117 100
82 55.0 43.0 64.6
119 32.9 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: VY013430.D
Acq: 25 Apr 2023 05:48

Tgt Ion:152 Resp: 132413
Ion Ratio Lower Upper
152 100
115 55.9 28.1 84.2
150 156.3 0.0 352.0

