

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042423\
 Data File : VY013427.D
 Acq On : 25 Apr 2023 04:38
 Operator : KP/MD
 Sample : 02389-26
 Misc : 3.91g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SPB-7WC-23-04-17

Quant Time: Apr 25 07:16:16 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	182020	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	311524	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	270313	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	95736	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	126424	63.360	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	126.720%
35) Dibromofluoromethane	7.716	113	108564	55.408	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.820%
50) Toluene-d8	10.179	98	364403	52.280	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.560%
62) 4-Bromofluorobenzene	12.477	95	104451	44.451	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	88.900%

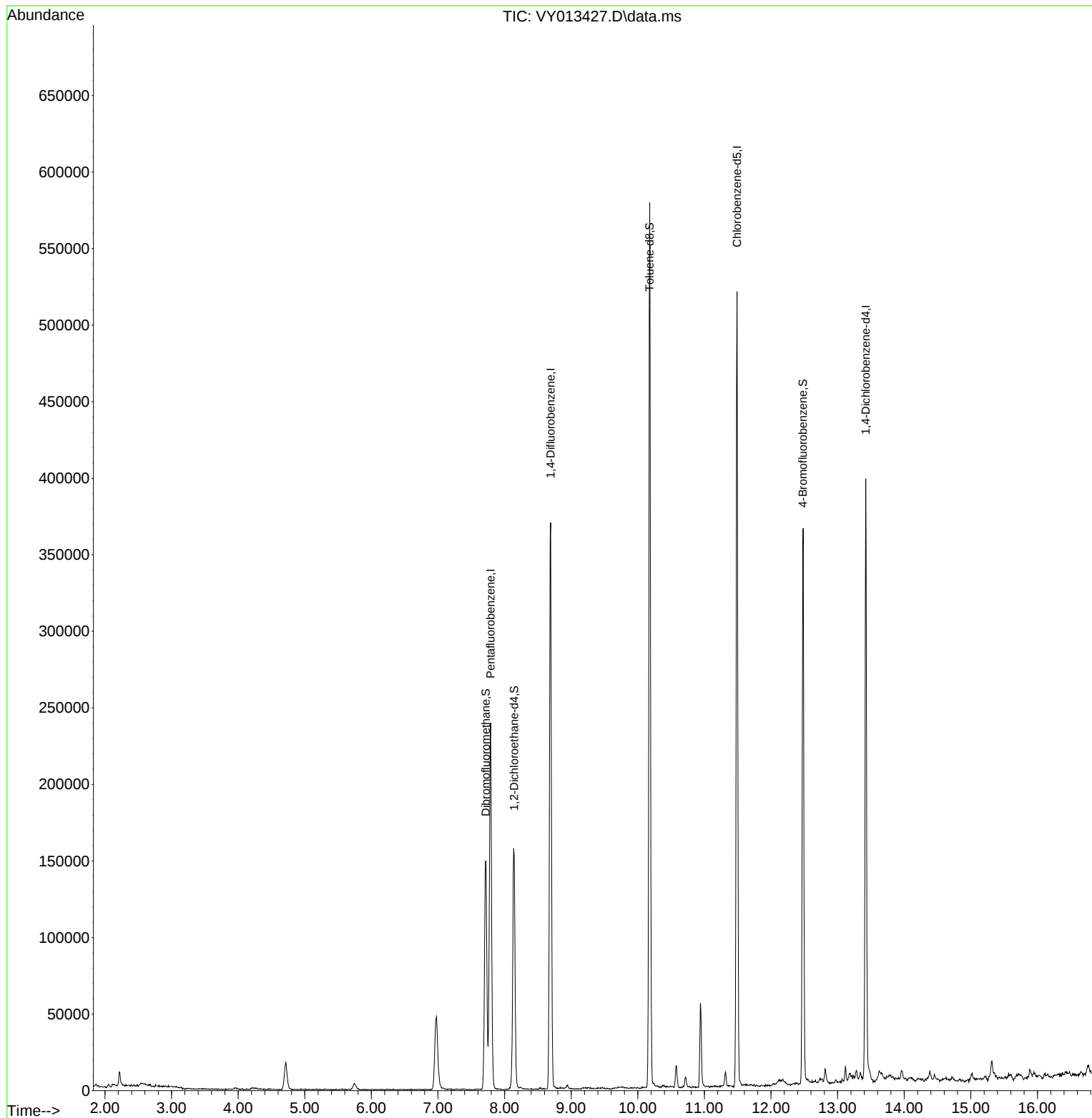
Target Compounds	Qvalue

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

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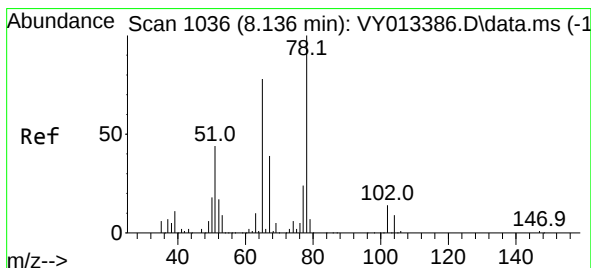
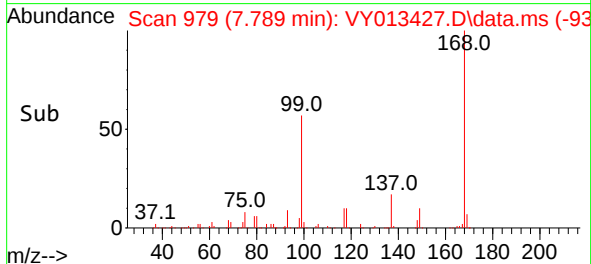
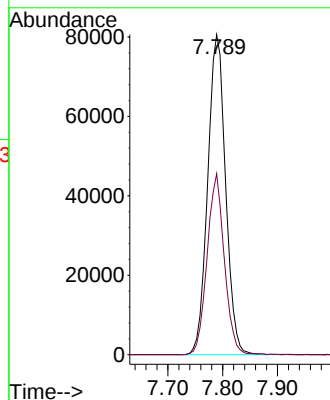
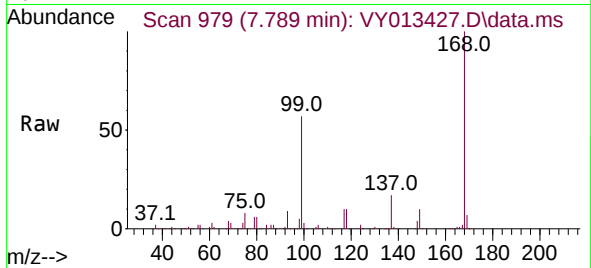




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013427.D
Acq: 25 Apr 2023 04:38

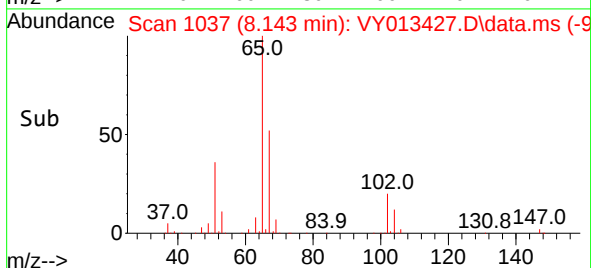
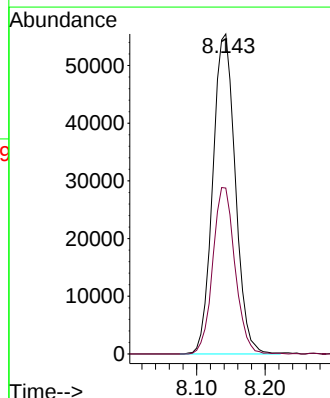
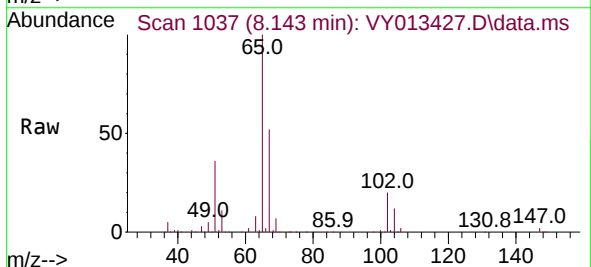
Instrument :
MSVOA_Y
ClientSampleId :
SPB-7WC-23-04-17

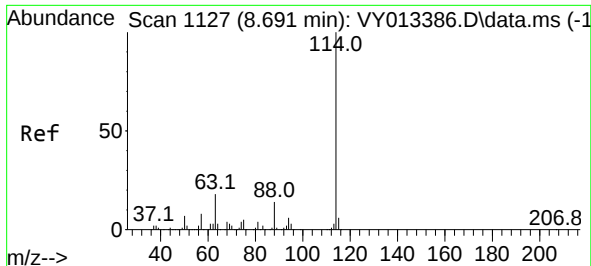
Tgt Ion:168 Resp: 182020
Ion Ratio Lower Upper
168 100
99 56.6 41.8 62.6



#33
1,2-Dichloroethane-d4
Concen: 63.360 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY013427.D
Acq: 25 Apr 2023 04:38

Tgt Ion: 65 Resp: 126424
Ion Ratio Lower Upper
65 100
67 51.5 0.0 103.4

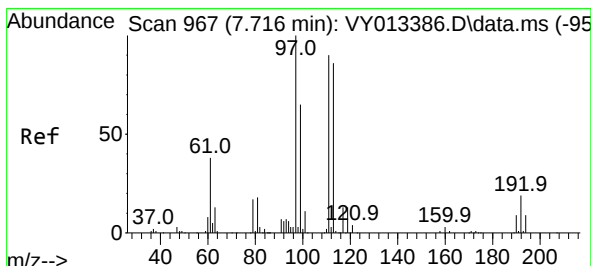
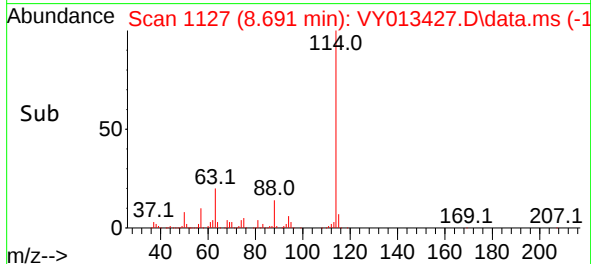
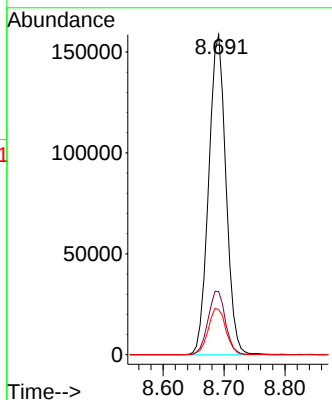
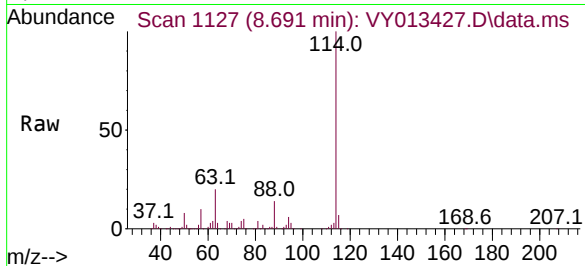




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY013427.D
Acq: 25 Apr 2023 04:38

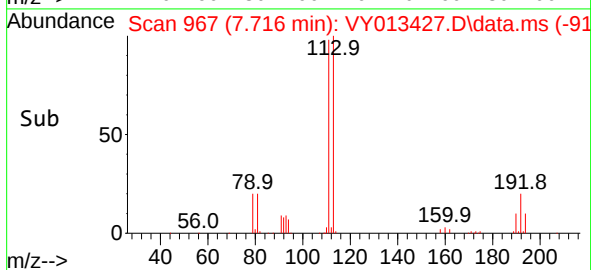
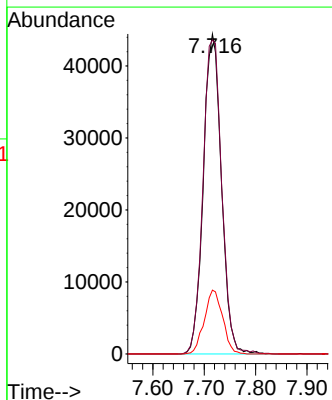
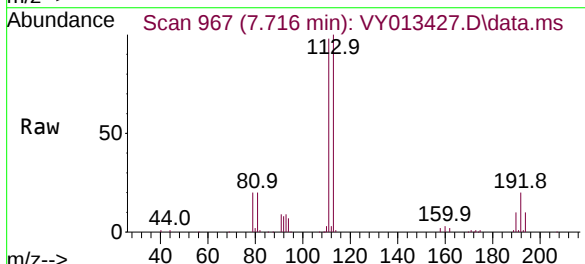
Instrument :
MSVOA_Y
ClientSampleId :
SPB-7WC-23-04-17

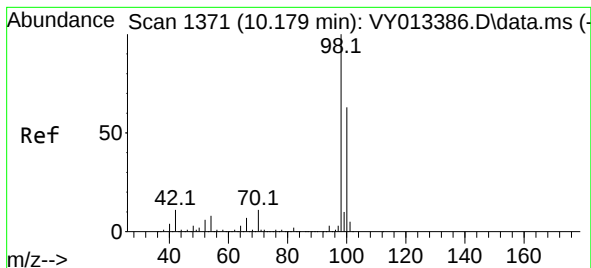
Tgt Ion:	114	Resp:	311524
Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	36.6
88	14.1	0.0	28.8



#35
Dibromofluoromethane
Concen: 55.408 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY013427.D
Acq: 25 Apr 2023 04:38

Tgt Ion:	113	Resp:	108564
Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.2	123.2
192	20.3	16.7	25.1





#50

Toluene-d8

Concen: 52.280 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013427.D

Acq: 25 Apr 2023 04:38

Instrument :

MSVOA_Y

ClientSampleId :

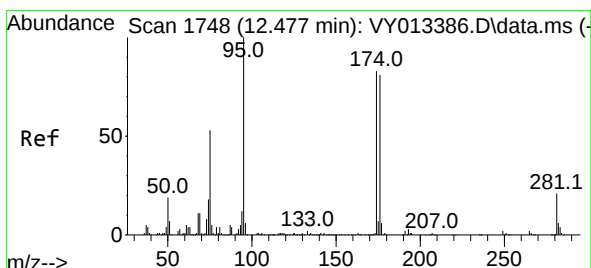
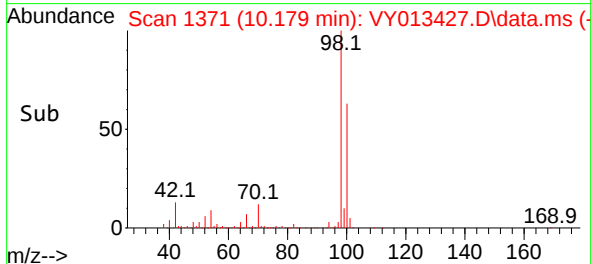
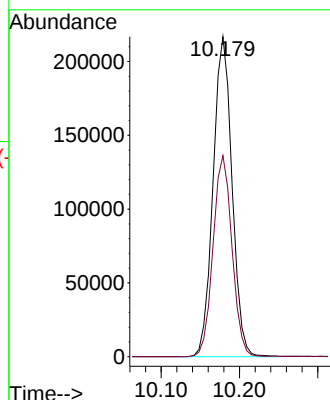
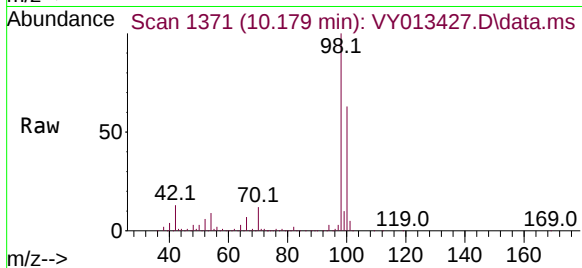
SPB-7WC-23-04-17

Tgt Ion: 98 Resp: 364403

Ion Ratio Lower Upper

98 100

100 62.8 50.5 75.7



#62

4-Bromofluorobenzene

Concen: 44.451 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY013427.D

Acq: 25 Apr 2023 04:38

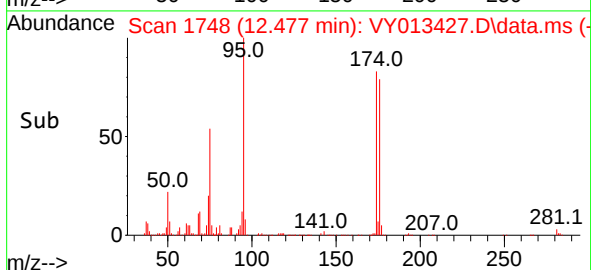
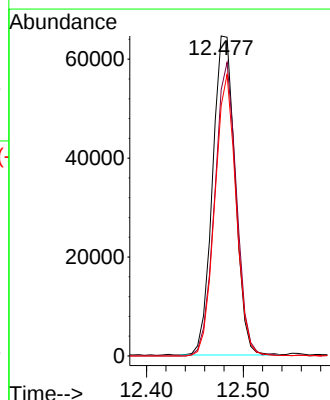
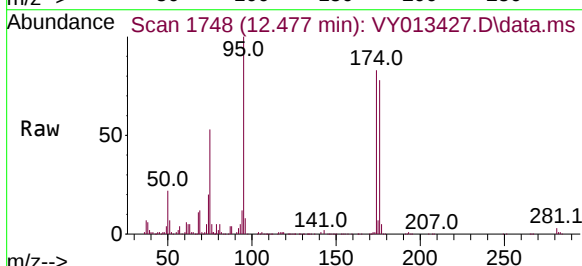
Tgt Ion: 95 Resp: 104451

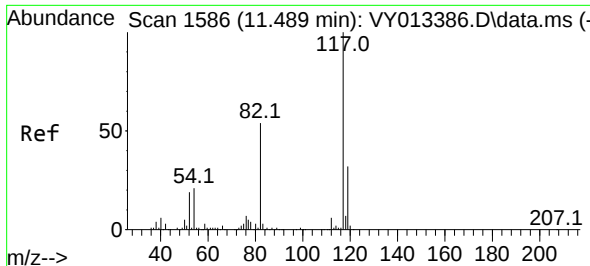
Ion Ratio Lower Upper

95 100

174 89.0 0.0 182.0

176 83.4 0.0 175.4

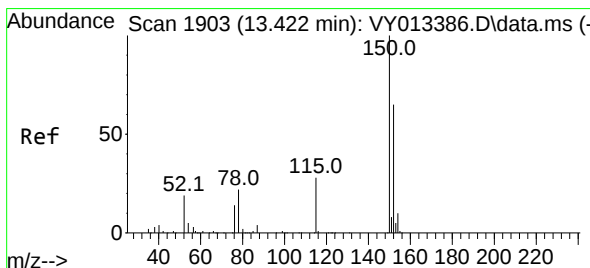
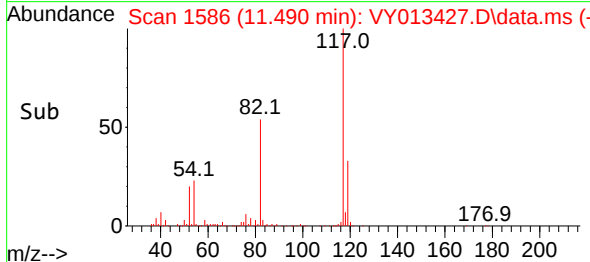
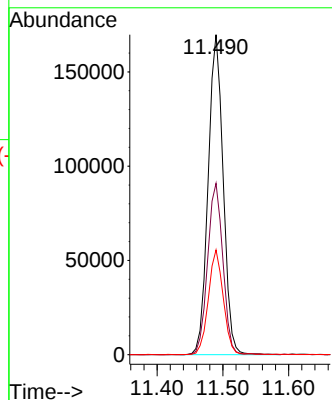
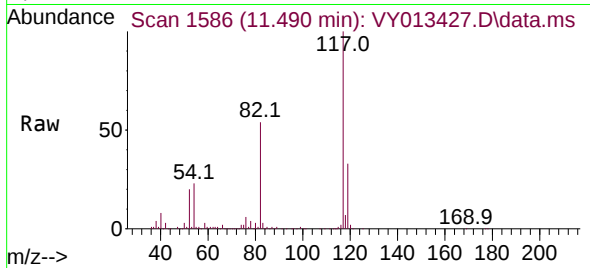




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013427.D
Acq: 25 Apr 2023 04:38

Instrument :
MSVOA_Y
ClientSampleId :
SPB-7WC-23-04-17

Tgt Ion:117 Resp: 270313
Ion Ratio Lower Upper
117 100
82 53.6 43.0 64.6
119 32.7 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: VY013427.D
Acq: 25 Apr 2023 04:38

Tgt Ion:152 Resp: 95736
Ion Ratio Lower Upper
152 100
115 55.1 28.1 84.2
150 157.7 0.0 352.0

