

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082523\
 Data File : VY015351.D
 Acq On : 25 Aug 2023 18:37
 Operator : SY/MD
 Sample : 04188-07
 Misc : 5.58g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-5

Quant Time: Aug 25 23:46:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	212275	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	357368	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	325045	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	162413	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	138543	54.370	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.740%
35) Dibromofluoromethane	7.710	113	111320	48.420	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.840%
50) Toluene-d8	10.179	98	412925	48.248	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.500%
62) 4-Bromofluorobenzene	12.477	95	147617	47.223	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.440%

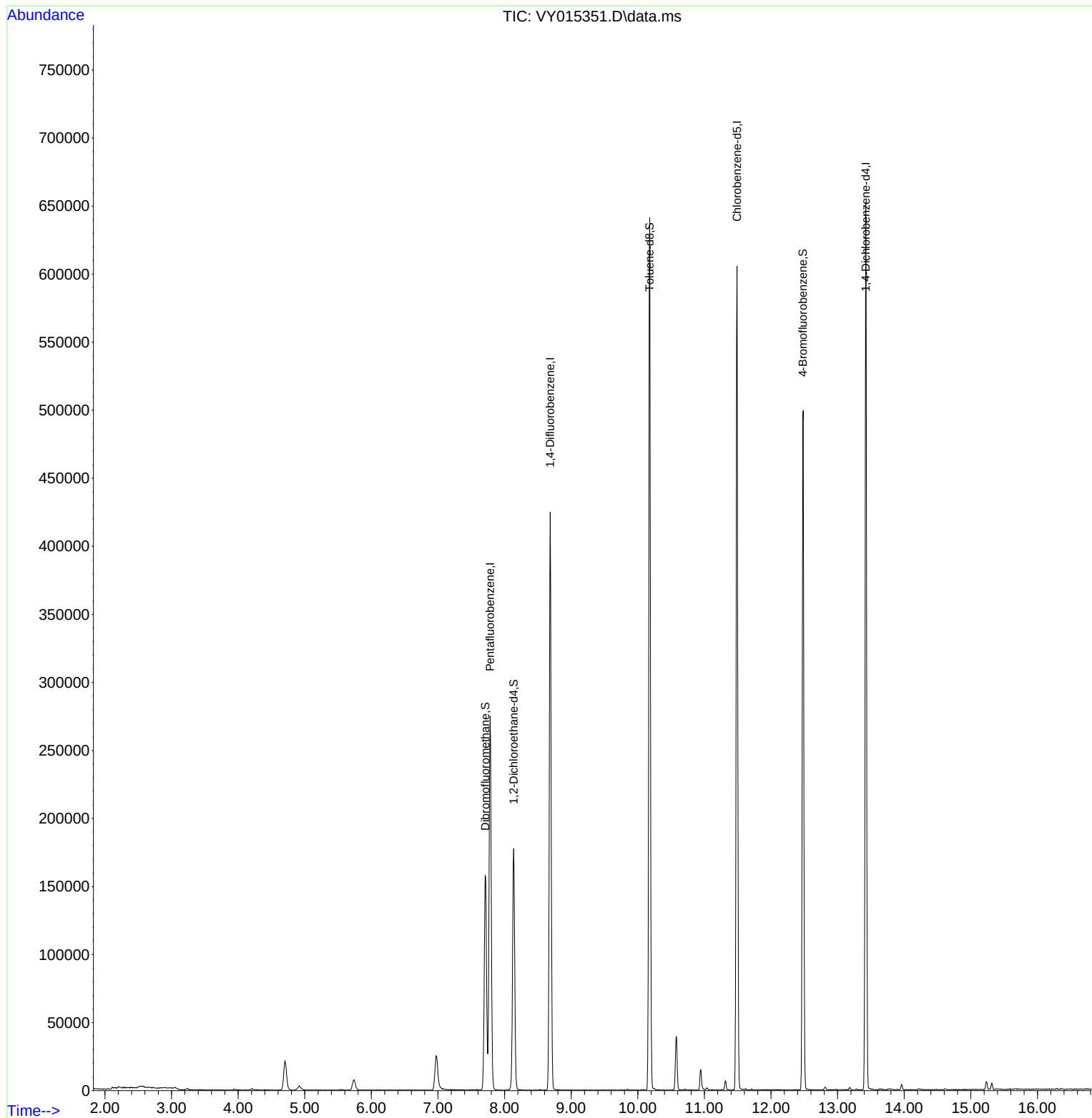
Target Compounds	Qvalue

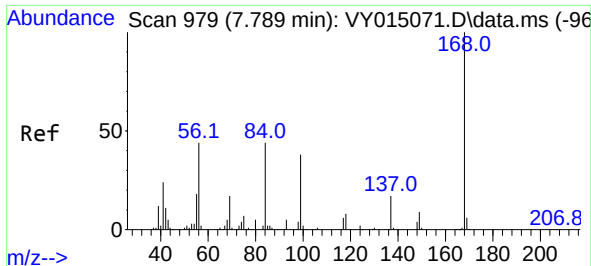
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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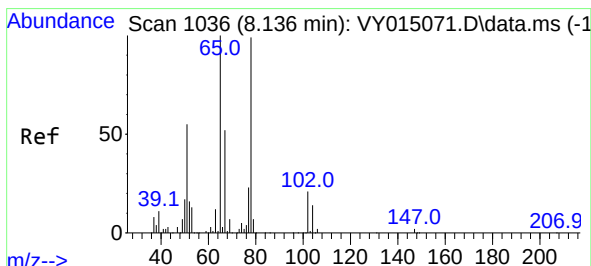
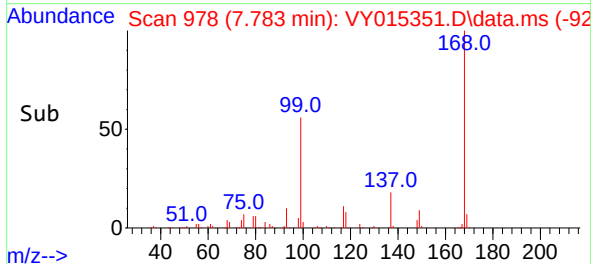
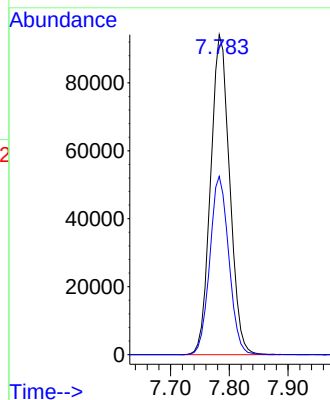
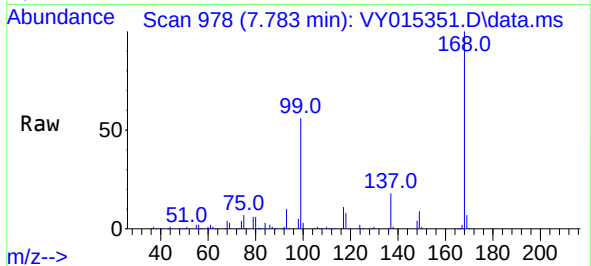




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015351.D
Acq: 25 Aug 2023 18:37

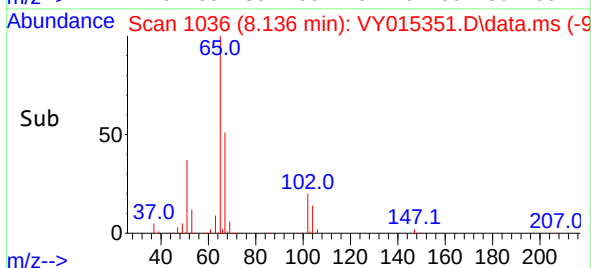
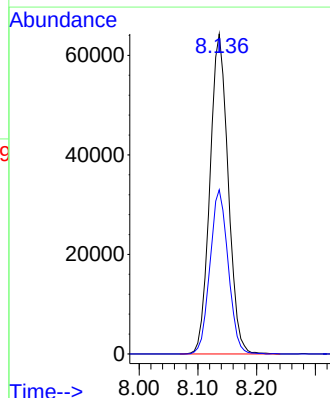
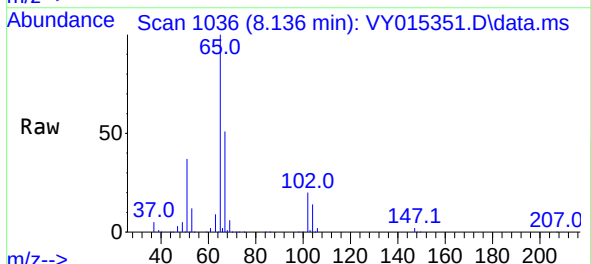
Instrument :
MSVOA_Y
ClientSampleId :
WC-5

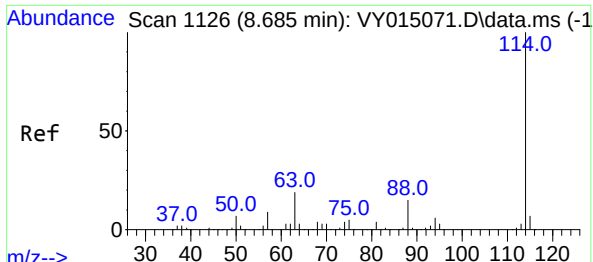
Tgt Ion:168 Resp: 212275
Ion Ratio Lower Upper
168 100
99 55.8 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 54.370 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015351.D
Acq: 25 Aug 2023 18:37

Tgt Ion: 65 Resp: 138543
Ion Ratio Lower Upper
65 100
67 51.1 0.0 101.8



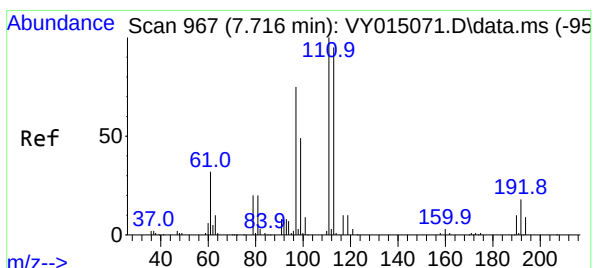
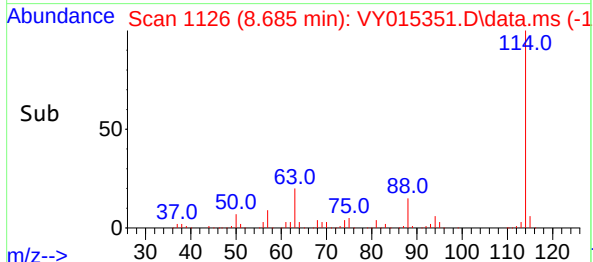
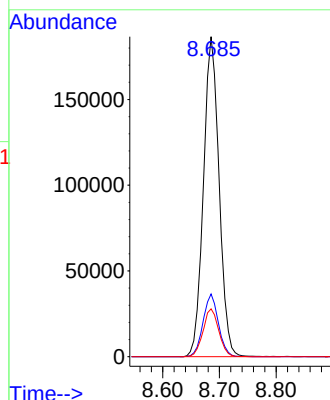
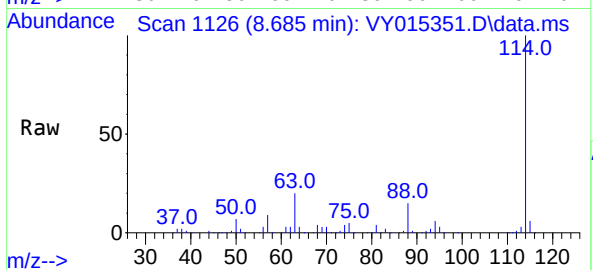


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY015351.D
Acq: 25 Aug 2023 18:37

Instrument :
MSVOA_Y
ClientSampleId :
WC-5

Tgt Ion:114 Resp: 357368

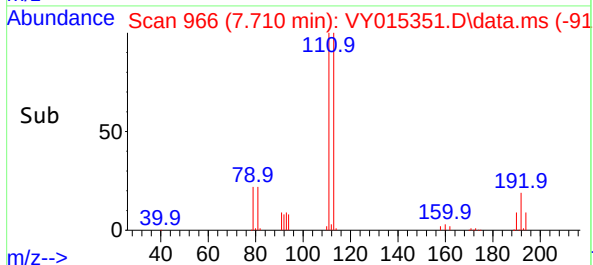
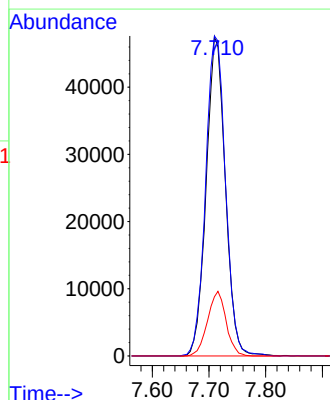
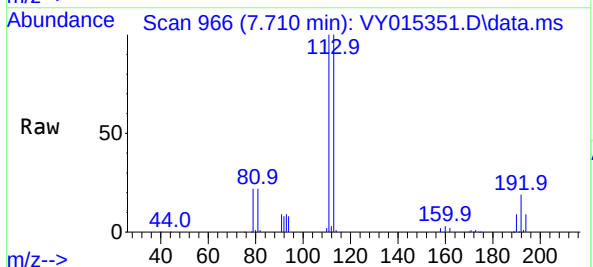
Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	42.4
88	15.0	0.0	30.6

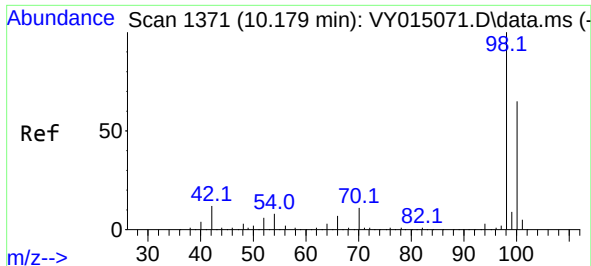


#35
Dibromofluoromethane
Concen: 48.420 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY015351.D
Acq: 25 Aug 2023 18:37

Tgt Ion:113 Resp: 111320

Ion	Ratio	Lower	Upper
113	100		
111	104.2	81.3	121.9
192	19.6	16.9	25.3

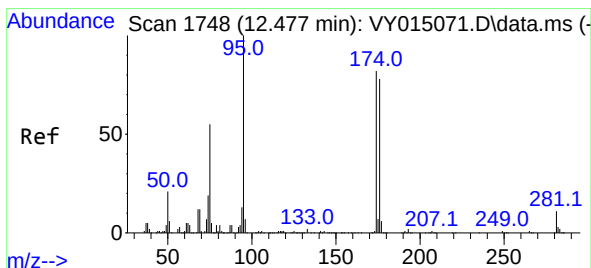
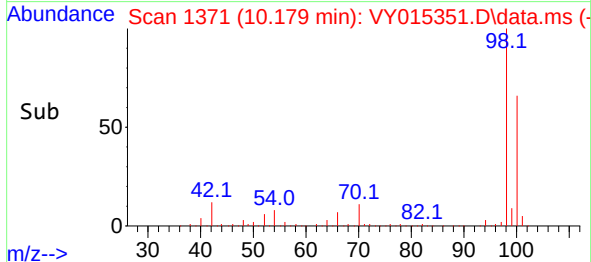
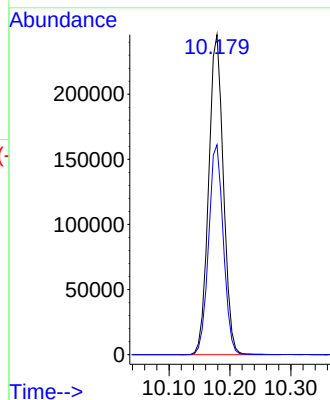
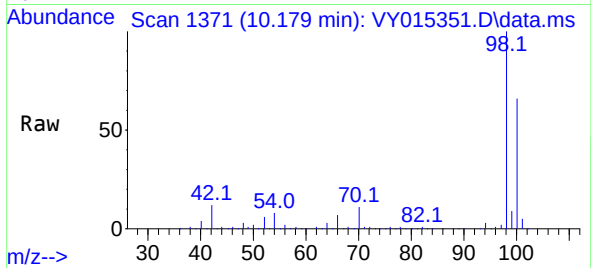




#50
Toluene-d8
Concen: 48.248 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015351.D
Acq: 25 Aug 2023 18:37

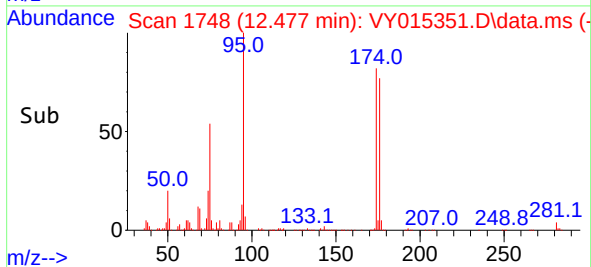
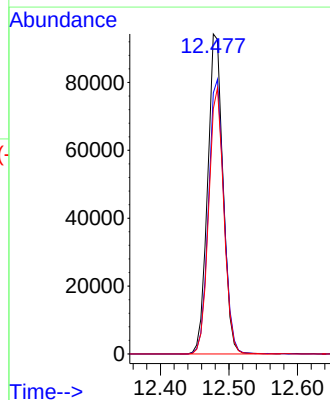
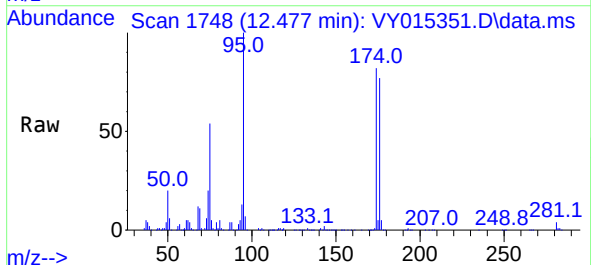
Instrument :
MSVOA_Y
ClientSampleId :
WC-5

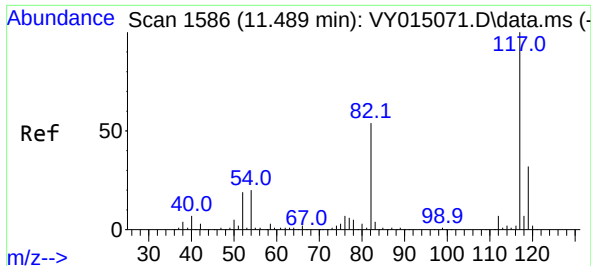
Tgt Ion: 98 Resp: 412925
Ion Ratio Lower Upper
98 100
100 65.6 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 47.223 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015351.D
Acq: 25 Aug 2023 18:37

Tgt Ion: 95 Resp: 147617
Ion Ratio Lower Upper
95 100
174 86.0 0.0 178.2
176 81.7 0.0 173.8

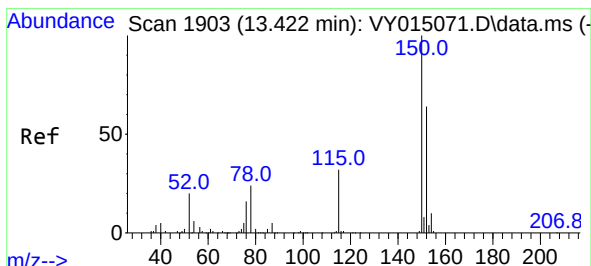
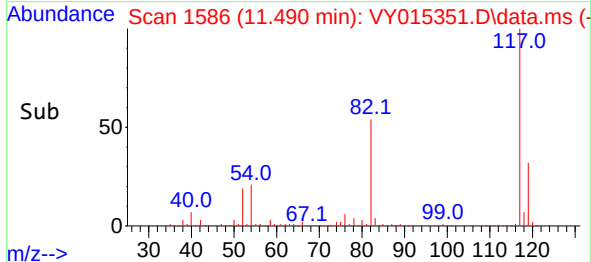
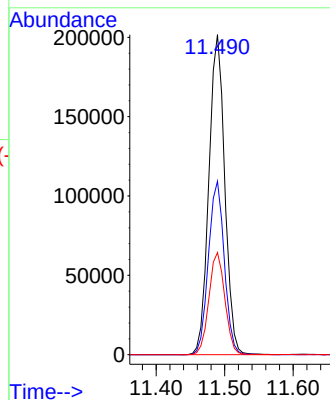
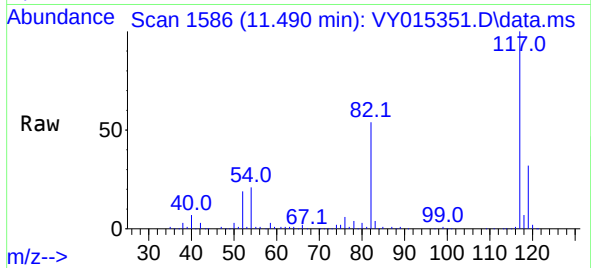




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015351.D
Acq: 25 Aug 2023 18:37

Instrument :
MSVOA_Y
ClientSampleId :
WC-5

Tgt Ion:117 Resp: 325045
Ion Ratio Lower Upper
117 100
82 54.2 43.4 65.0
119 31.9 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY015351.D
Acq: 25 Aug 2023 18:37

Tgt Ion:152 Resp: 162413
Ion Ratio Lower Upper
152 100
115 58.4 28.8 86.5
150 156.3 0.0 348.8

