

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081423\
 Data File : VY015086.D
 Acq On : 14 Aug 2023 17:58
 Operator : SY/MD
 Sample : 03954-07
 Misc : 4.12g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-17

Quant Time: Aug 15 02:23:16 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	148809	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	257288	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	251411	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	125761	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	98947	55.392	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.780%
35) Dibromofluoromethane	7.710	113	81794	49.416	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.840%
50) Toluene-d8	10.173	98	303862	49.315	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.620%
62) 4-Bromofluorobenzene	12.477	95	115935	51.514	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	103.020%

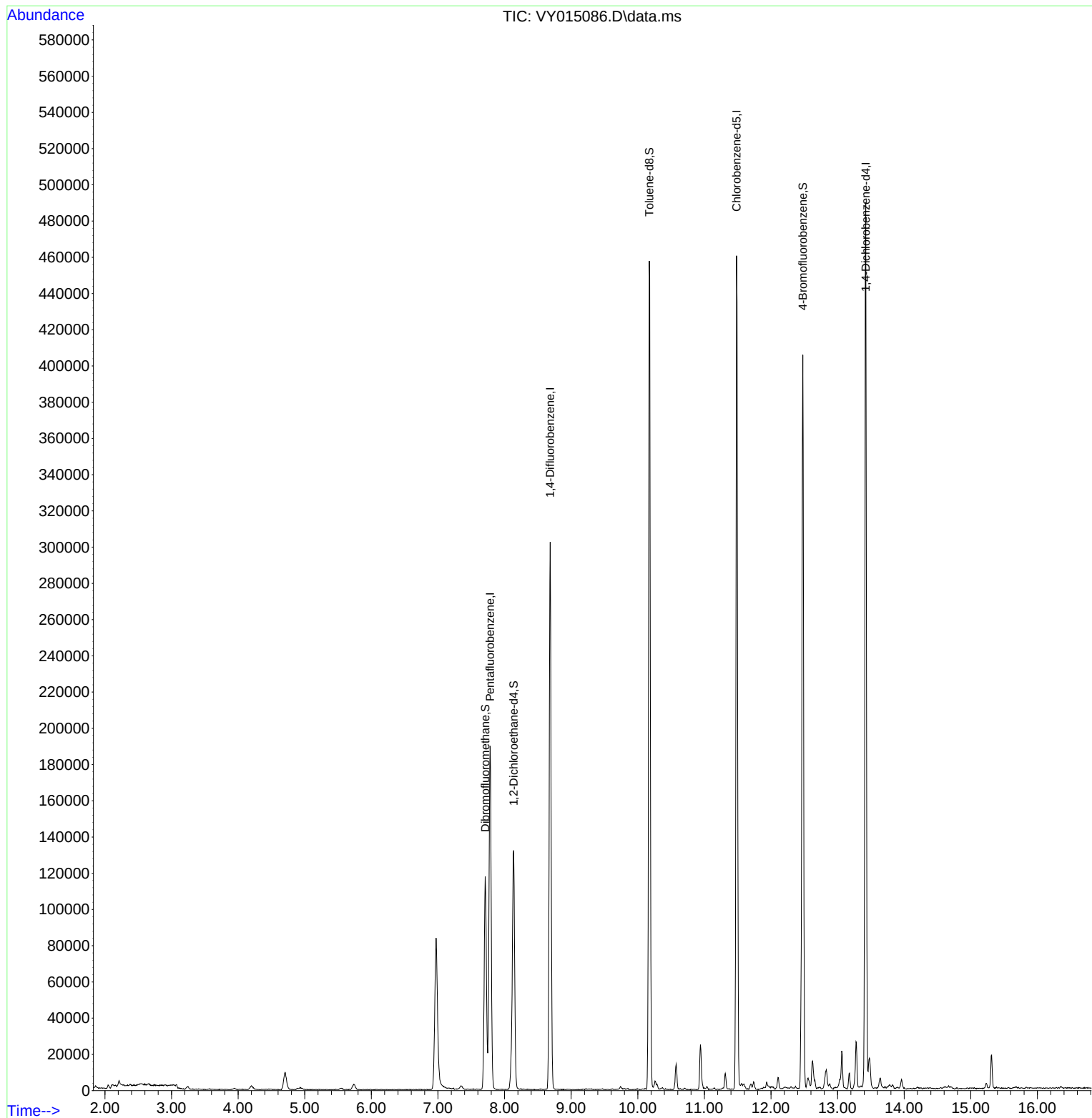
Target Compounds	Qvalue

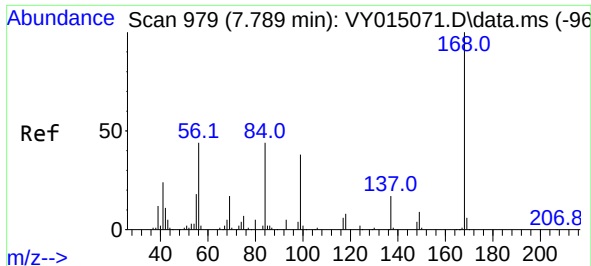
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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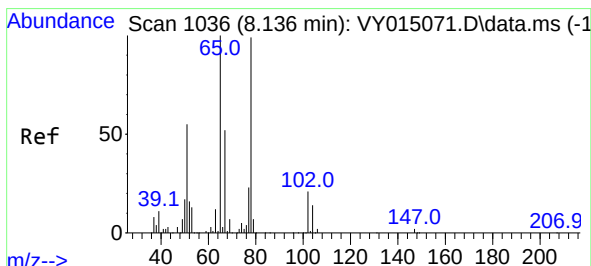
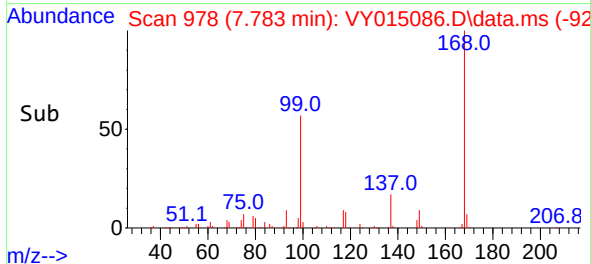
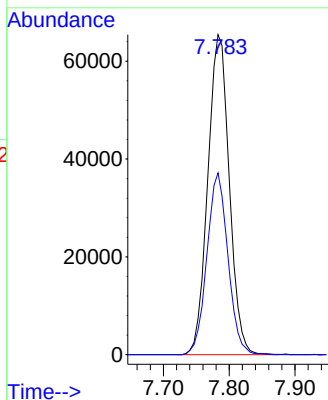
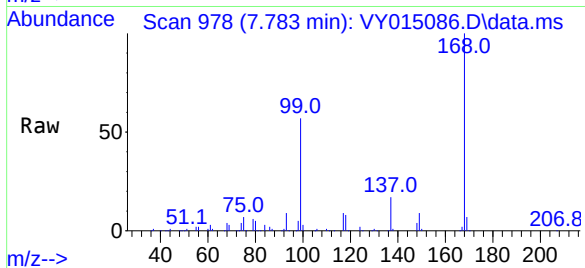




Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.783 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VY015086.D
 Acq: 14 Aug 2023 17:58

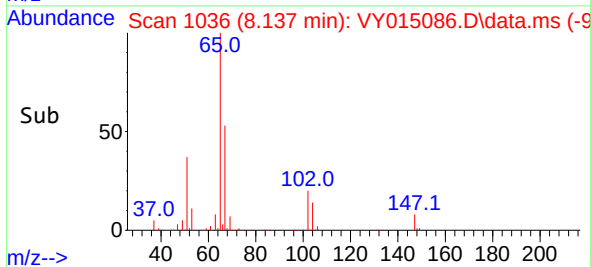
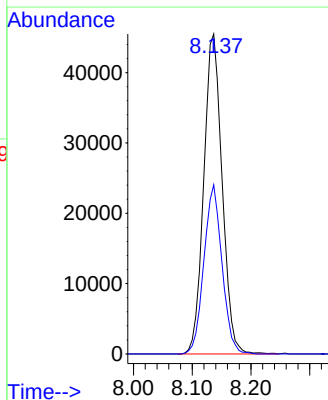
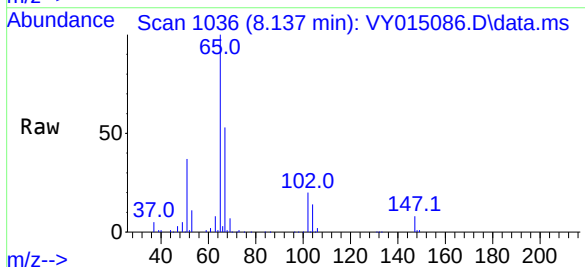
Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-17

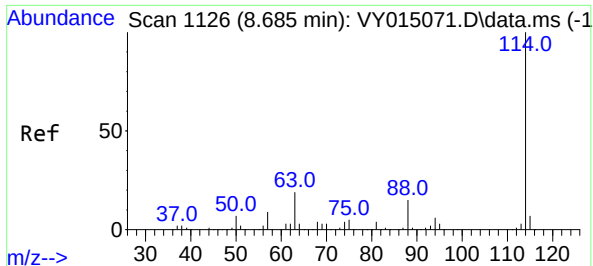
Tgt Ion:168 Resp: 148809
 Ion Ratio Lower Upper
 168 100
 99 56.8 43.4 65.0



1,2-Dichloroethane-d4
 Concen: 55.392 ug/l
 RT: 8.137 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY015086.D
 Acq: 14 Aug 2023 17:58

Tgt Ion: 65 Resp: 98947
 Ion Ratio Lower Upper
 65 100
 67 52.0 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: VY015086.D

Acq: 14 Aug 2023 17:58

Instrument :

MSVOA_Y

ClientSampleId :

WC-17

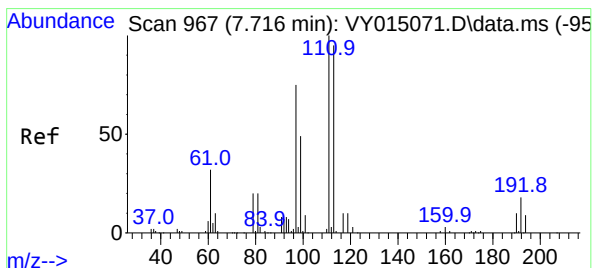
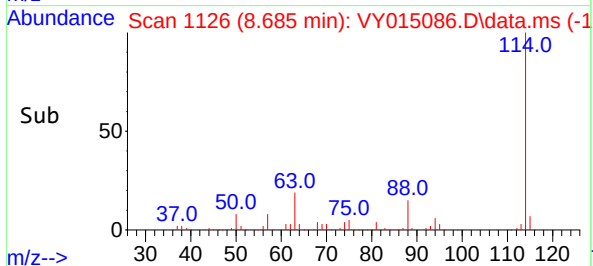
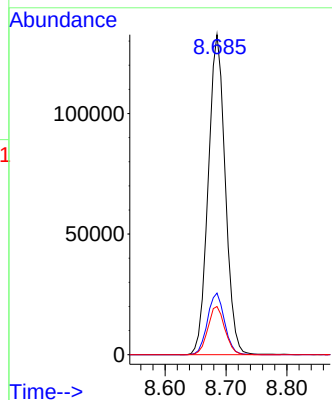
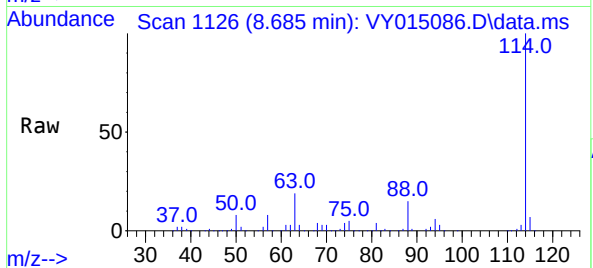
Tgt Ion:114 Resp: 257288

Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.4

88 15.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.416 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY015086.D

Acq: 14 Aug 2023 17:58

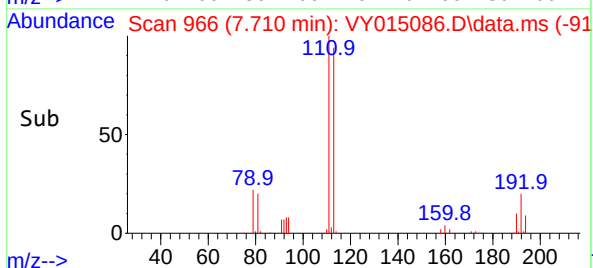
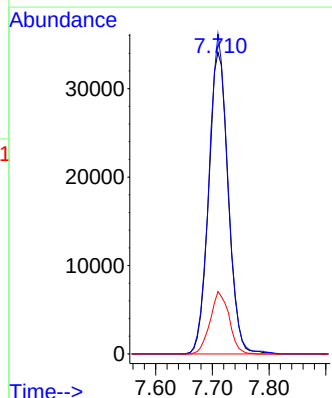
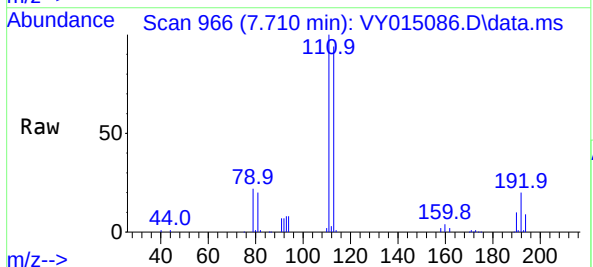
Tgt Ion:113 Resp: 81794

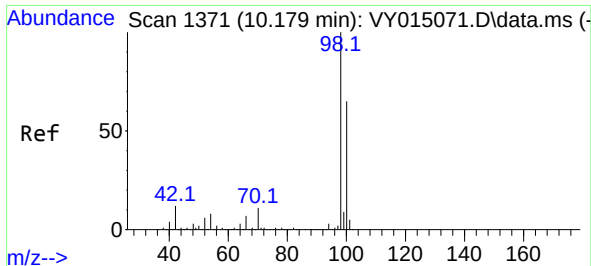
Ion Ratio Lower Upper

113 100

111 103.0 81.3 121.9

192 20.0 16.9 25.3

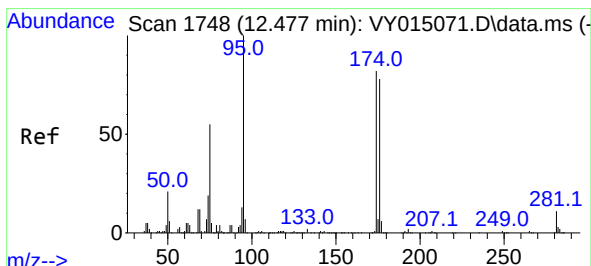
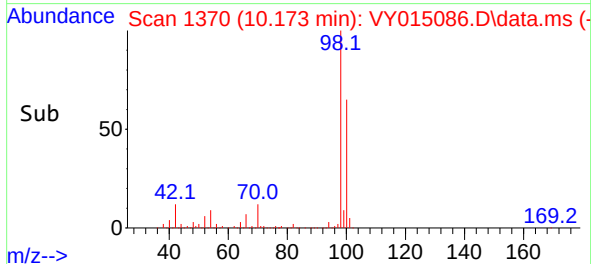
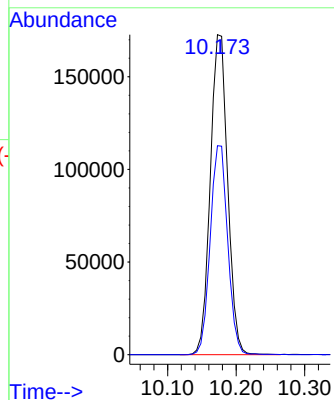
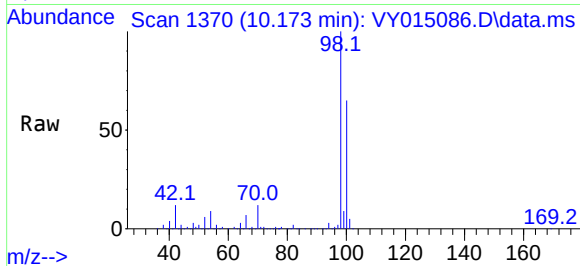




#50
Toluene-d8
Concen: 49.315 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY015086.D
Acq: 14 Aug 2023 17:58

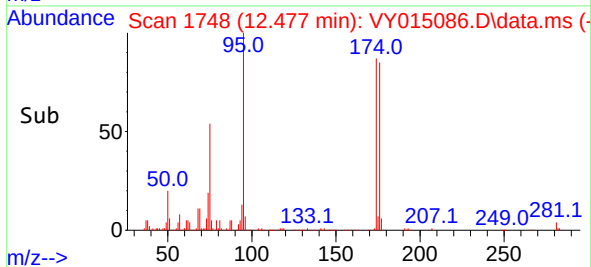
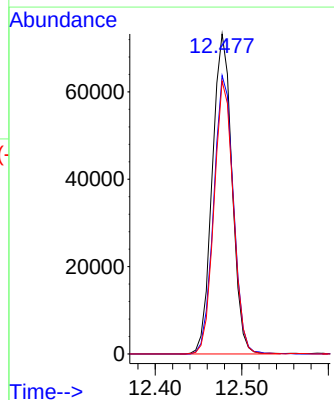
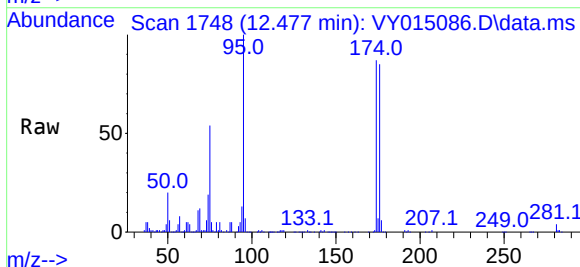
Instrument :
MSVOA_Y
ClientSampleId :
WC-17

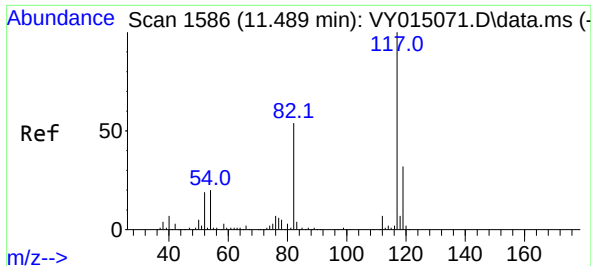
Tgt Ion: 98 Resp: 303862
Ion Ratio Lower Upper
98 100
100 65.8 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 51.514 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015086.D
Acq: 14 Aug 2023 17:58

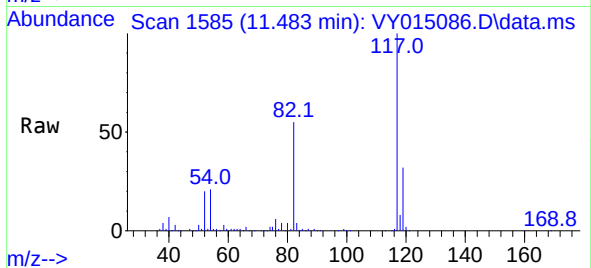
Tgt Ion: 95 Resp: 115935
Ion Ratio Lower Upper
95 100
174 86.7 0.0 178.2
176 83.3 0.0 173.8



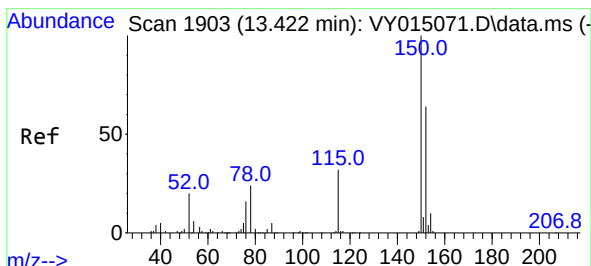
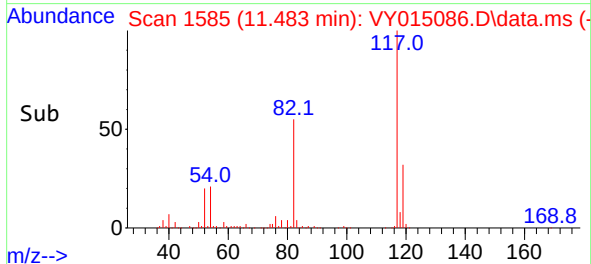
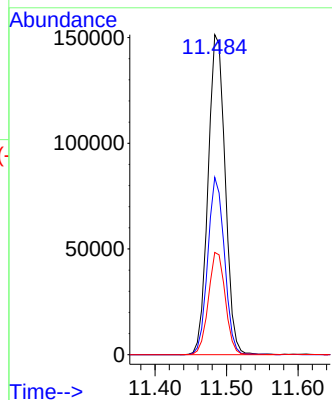


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY015086.D
Acq: 14 Aug 2023 17:58

Instrument :
MSVOA_Y
ClientSampleId :
WC-17



Tgt Ion:117 Resp: 251411
Ion Ratio Lower Upper
117 100
82 55.4 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: VY015086.D
Acq: 14 Aug 2023 17:58

Tgt Ion:152 Resp: 125761
Ion Ratio Lower Upper
152 100
115 58.2 28.8 86.5
150 158.7 0.0 348.8

