

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082523\
 Data File : VY015353.D
 Acq On : 25 Aug 2023 19:25
 Operator : SY/MD
 Sample : 04188-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-7

Quant Time: Aug 25 23:47:17 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	221247	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	371501	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	338240	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	168158	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	143724	54.116	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.240%
35) Dibromofluoromethane	7.710	113	117236	49.053	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.100%
50) Toluene-d8	10.179	98	431543	48.505	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.000%
62) 4-Bromofluorobenzene	12.477	95	151521	46.628	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.260%

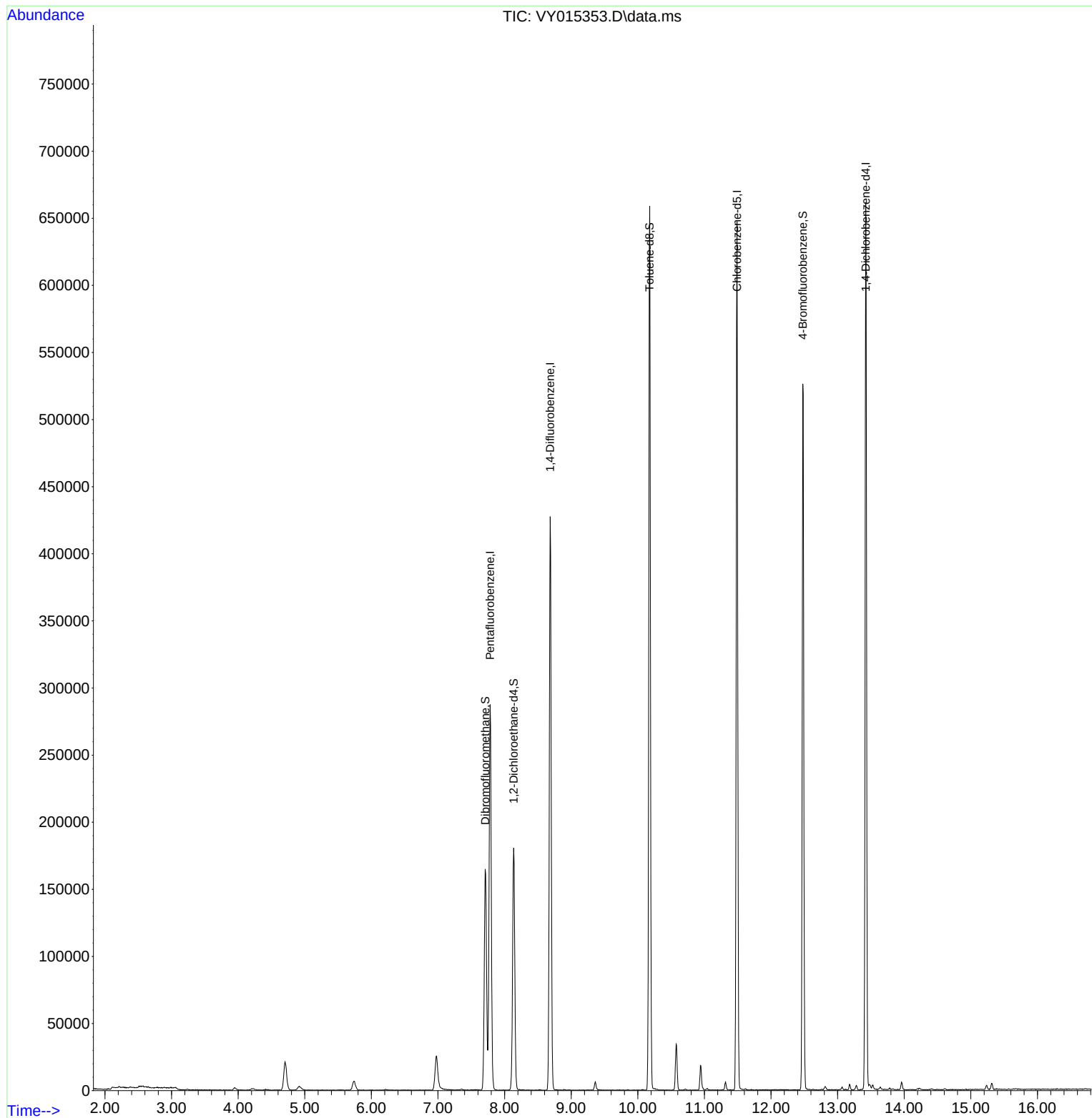
Target Compounds	Qvalue

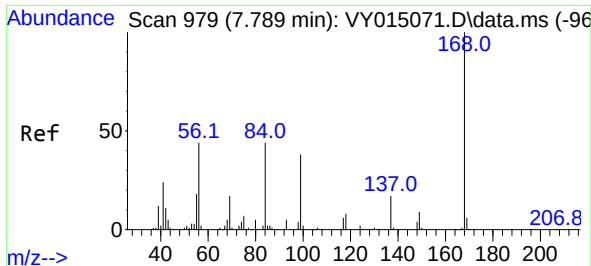
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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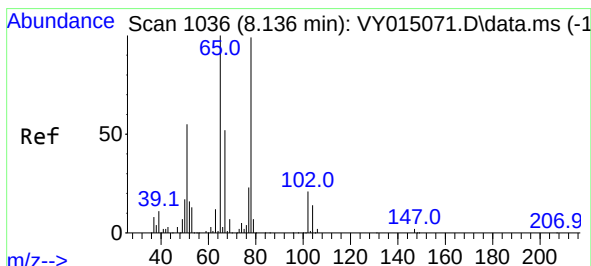
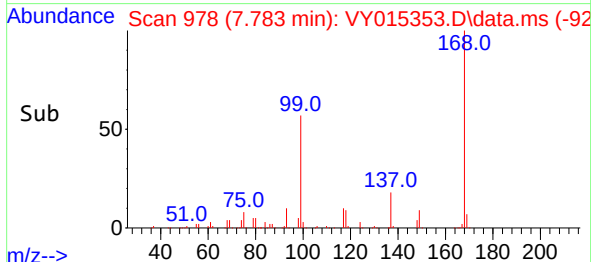
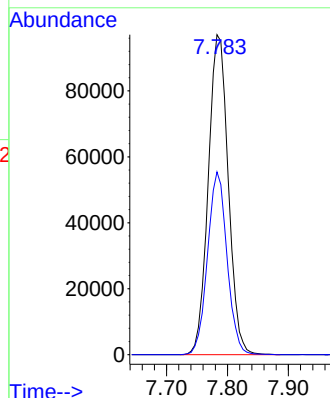
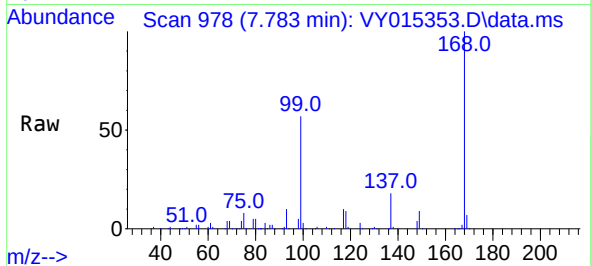




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015353.D
Acq: 25 Aug 2023 19:25

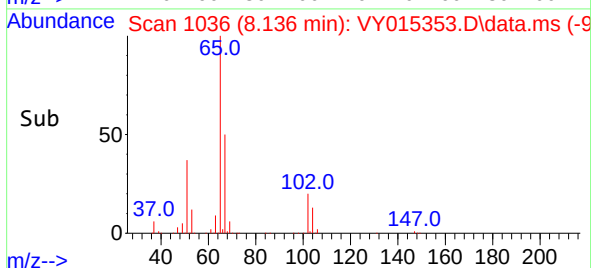
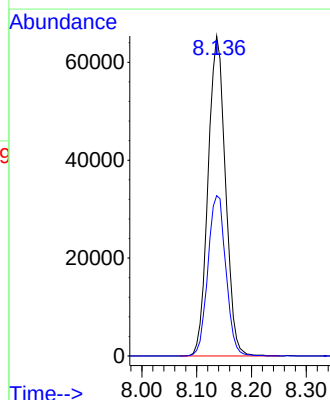
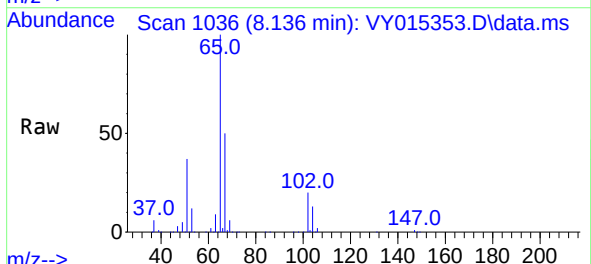
Instrument :
MSVOA_Y
ClientSampleId :
WC-7

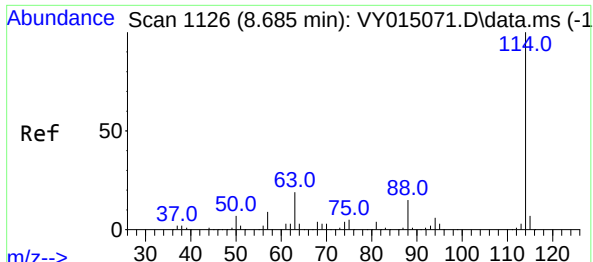
Tgt Ion:168 Resp: 221247
Ion Ratio Lower Upper
168 100
99 57.1 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 54.116 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015353.D
Acq: 25 Aug 2023 19:25

Tgt Ion: 65 Resp: 143724
Ion Ratio Lower Upper
65 100
67 51.7 0.0 101.8



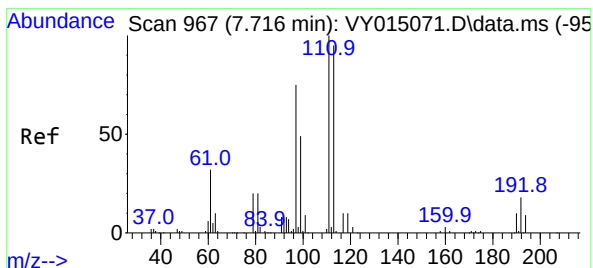
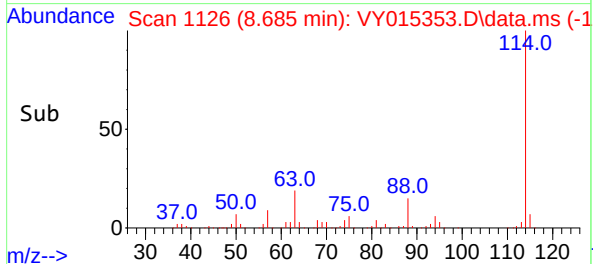
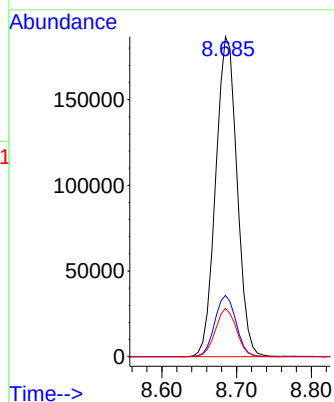
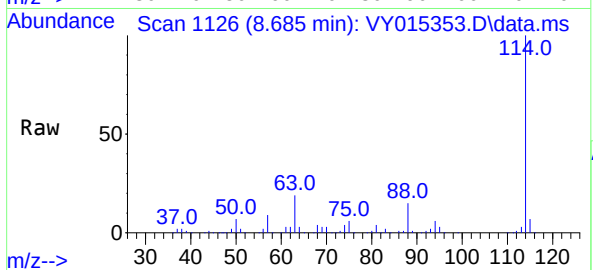


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY015353.D
Acq: 25 Aug 2023 19:25

Instrument :
MSVOA_Y
ClientSampleId :
WC-7

Tgt Ion:114 Resp: 371501

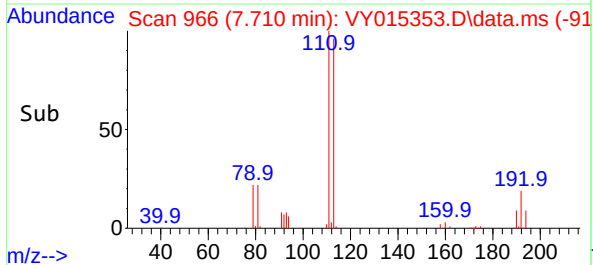
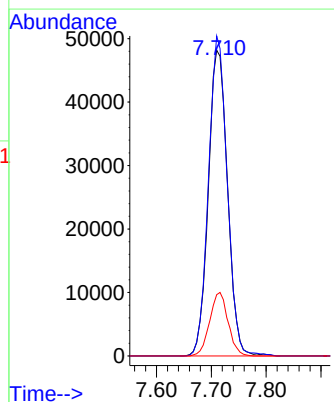
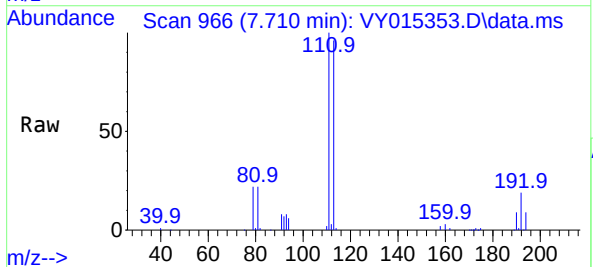
Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	42.4
88	15.1	0.0	30.6

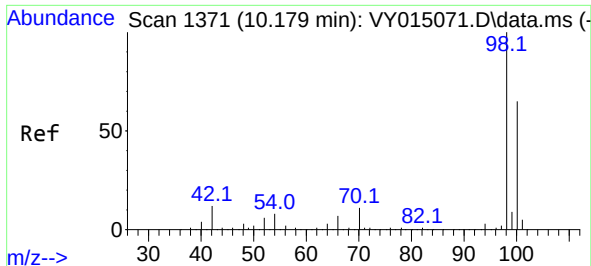


#35
Dibromofluoromethane
Concen: 49.053 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY015353.D
Acq: 25 Aug 2023 19:25

Tgt Ion:113 Resp: 117236

Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.3	121.9
192	19.9	16.9	25.3

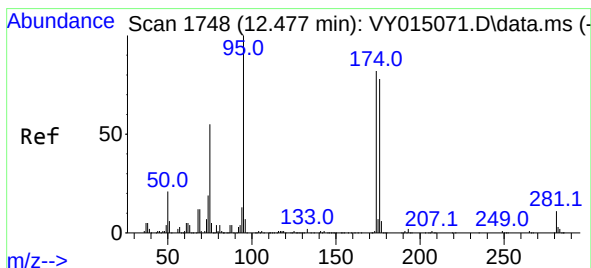
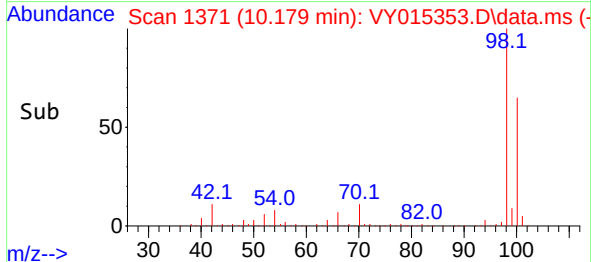
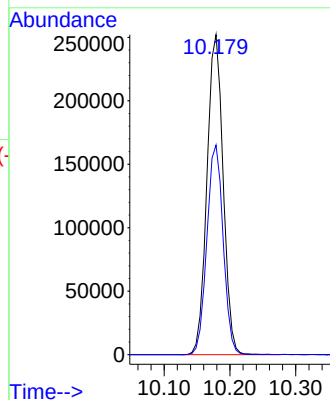
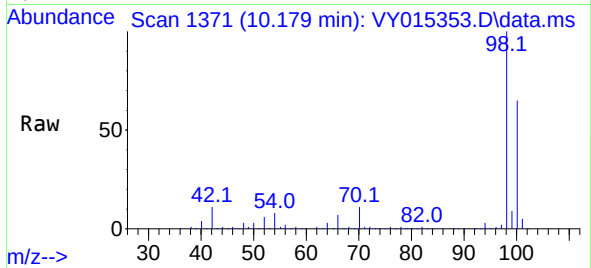




#50
Toluene-d8
Concen: 48.505 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015353.D
Acq: 25 Aug 2023 19:25

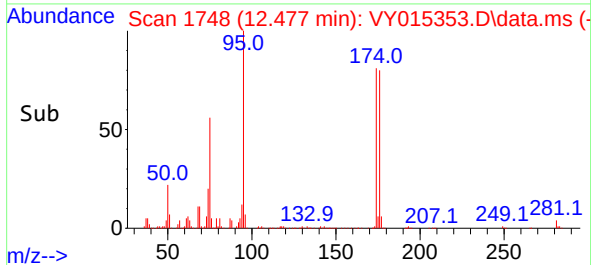
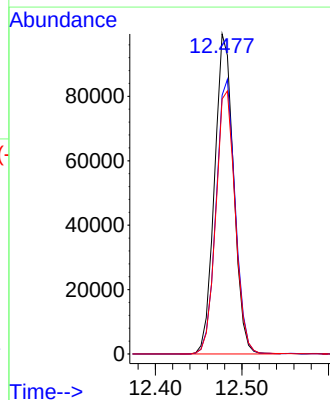
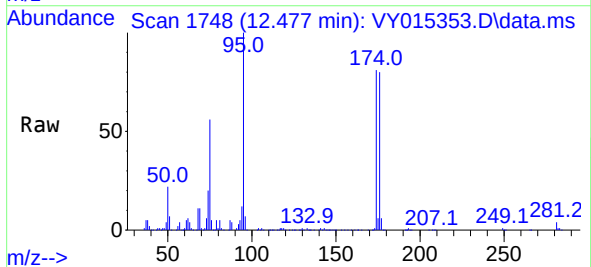
Instrument :
MSVOA_Y
ClientSampleId :
WC-7

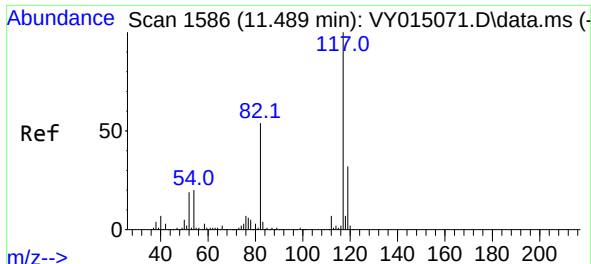
Tgt Ion: 98 Resp: 431543
Ion Ratio Lower Upper
98 100
100 65.9 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 46.628 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015353.D
Acq: 25 Aug 2023 19:25

Tgt Ion: 95 Resp: 151521
Ion Ratio Lower Upper
95 100
174 86.2 0.0 178.2
176 83.6 0.0 173.8

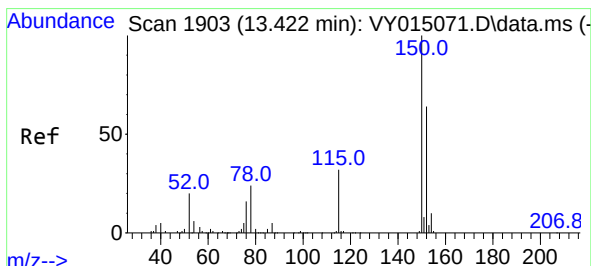
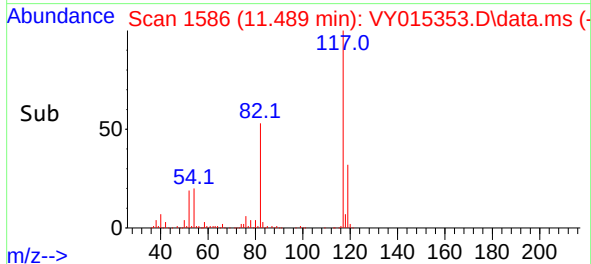
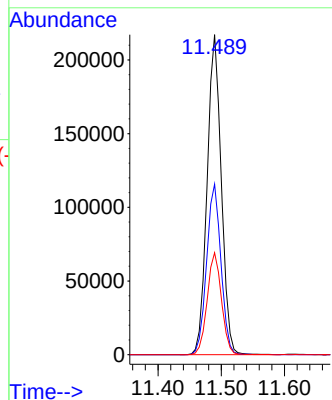
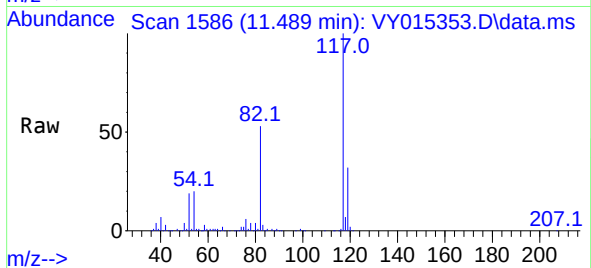




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY015353.D
Acq: 25 Aug 2023 19:25

Instrument :
MSVOA_Y
ClientSampleId :
WC-7

Tgt Ion:117 Resp: 338240
Ion Ratio Lower Upper
117 100
82 53.3 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: VY015353.D
Acq: 25 Aug 2023 19:25

Tgt Ion:152 Resp: 168158
Ion Ratio Lower Upper
152 100
115 57.8 28.8 86.5
150 155.6 0.0 348.8

