

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082523\
 Data File : VY015354.D
 Acq On : 25 Aug 2023 19:48
 Operator : SY/MD
 Sample : 04188-10
 Misc : 6.23g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-4

Quant Time: Aug 25 23:47:39 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	223170	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	370398	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	338872	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	168551	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	145652	54.369	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.740%
35) Dibromofluoromethane	7.710	113	117794	49.433	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.860%
50) Toluene-d8	10.179	98	432362	48.741	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.480%
62) 4-Bromofluorobenzene	12.477	95	152798	47.161	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.320%

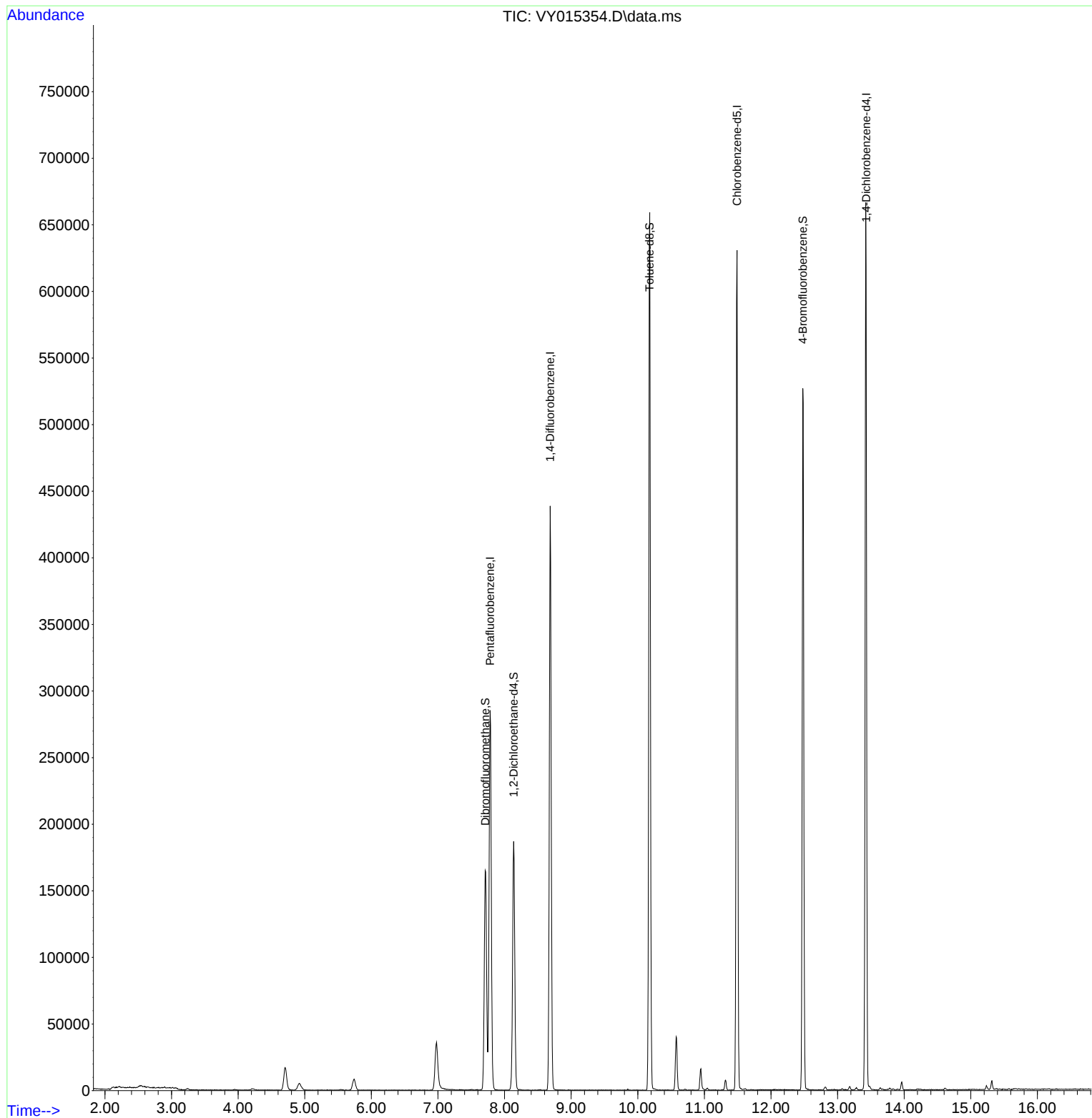
Target Compounds	Qvalue

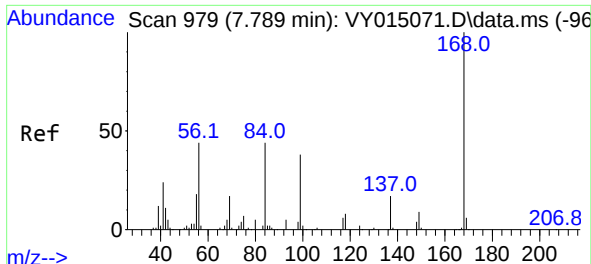
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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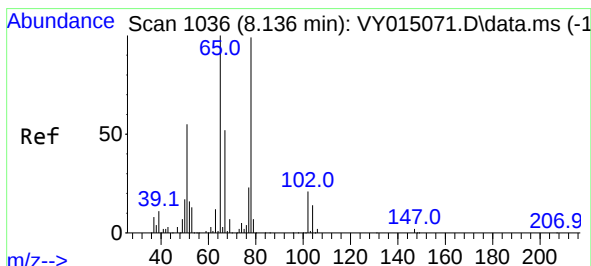
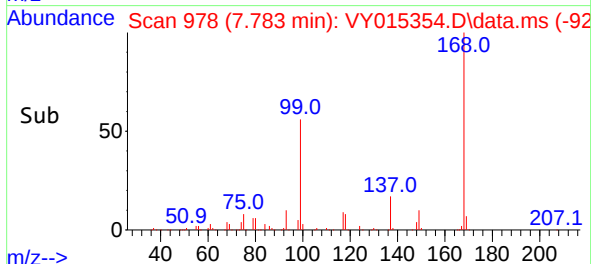
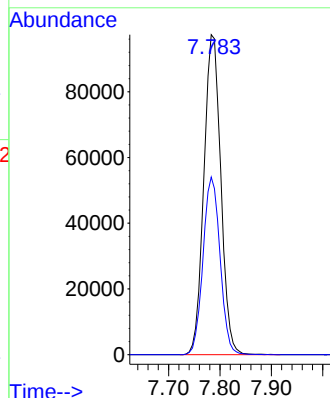
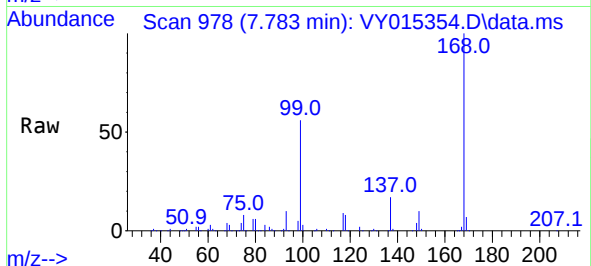




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015354.D
Acq: 25 Aug 2023 19:48

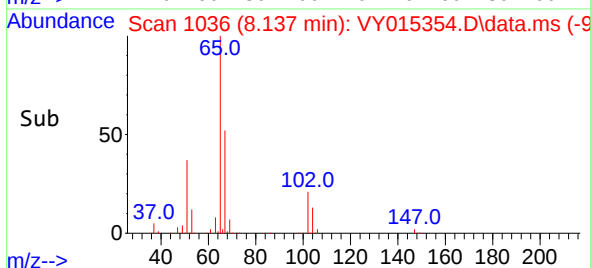
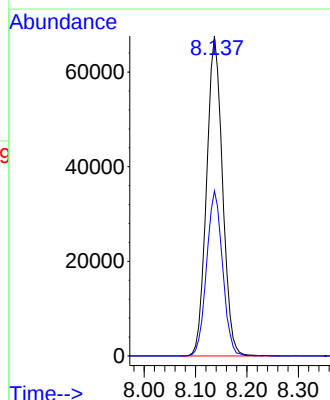
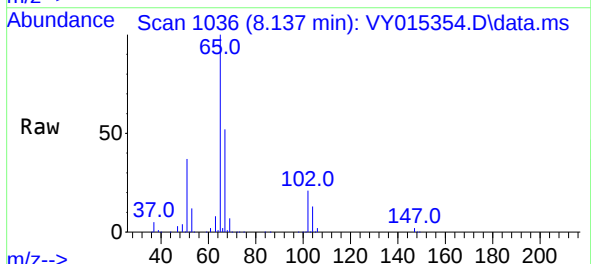
Instrument :
MSVOA_Y
ClientSampleId :
WC-4

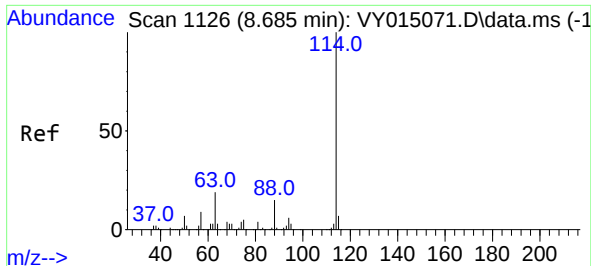
Tgt Ion:168 Resp: 223170
Ion Ratio Lower Upper
168 100
99 55.5 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 54.369 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015354.D
Acq: 25 Aug 2023 19:48

Tgt Ion: 65 Resp: 145652
Ion Ratio Lower Upper
65 100
67 51.6 0.0 101.8

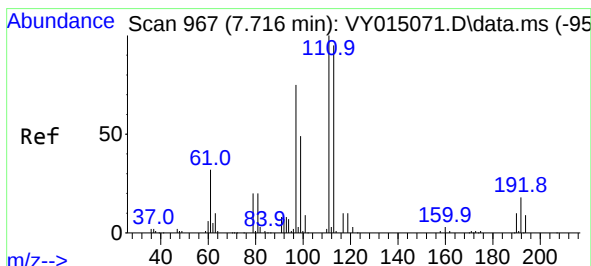
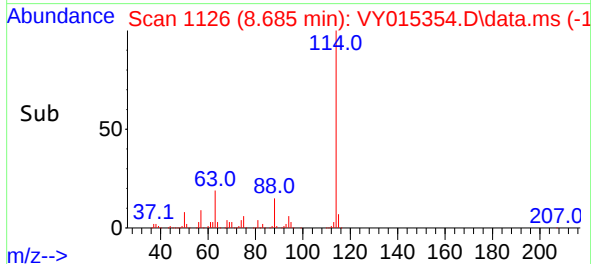
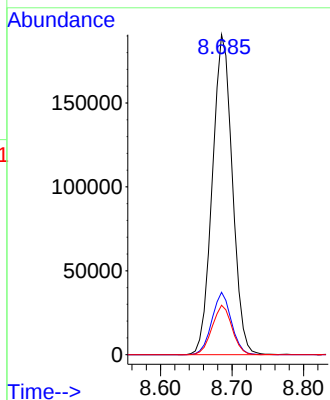
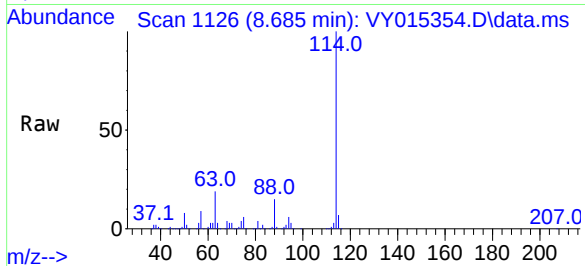




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY015354.D
Acq: 25 Aug 2023 19:48

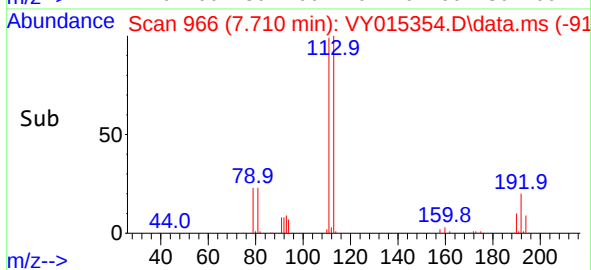
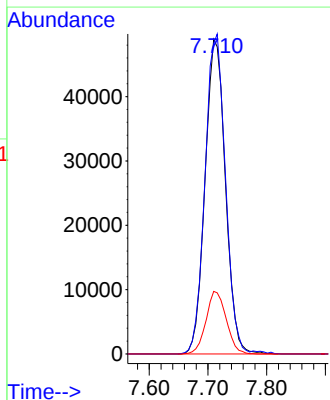
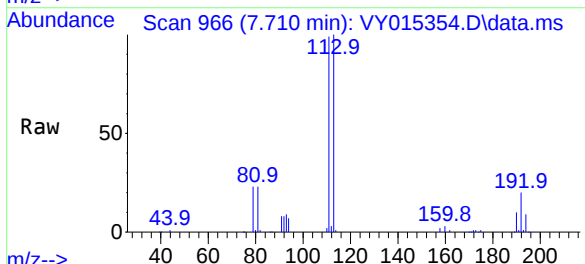
Instrument :
MSVOA_Y
ClientSampleId :
WC-4

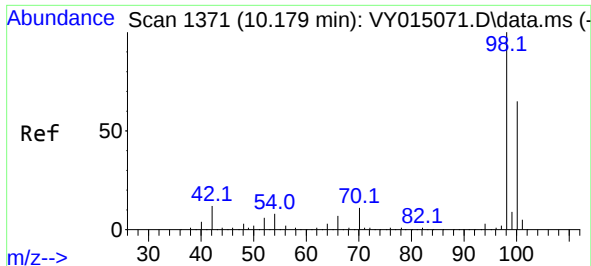
Tgt Ion:	114	Resp:	370398
Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	42.4
88	15.5	0.0	30.6



#35
Dibromofluoromethane
Concen: 49.433 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY015354.D
Acq: 25 Aug 2023 19:48

Tgt Ion:	113	Resp:	117794
Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.3	121.9
192	19.8	16.9	25.3

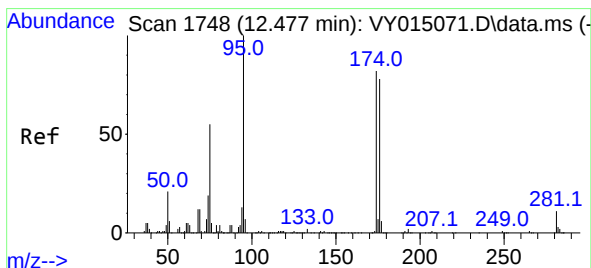
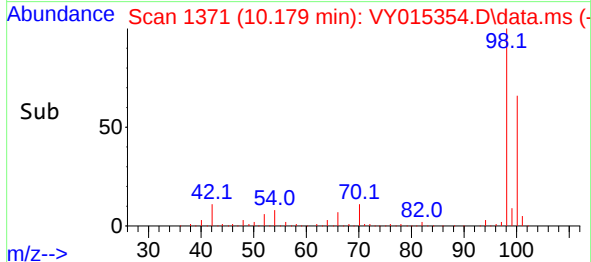
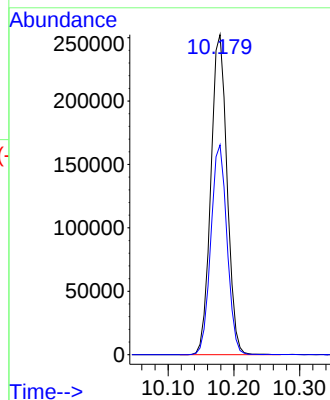
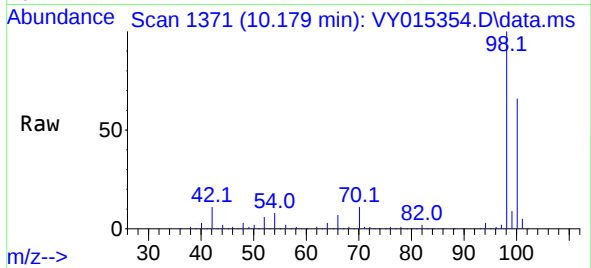




#50
Toluene-d8
Concen: 48.741 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015354.D
Acq: 25 Aug 2023 19:48

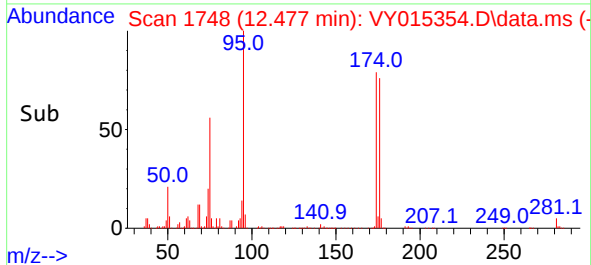
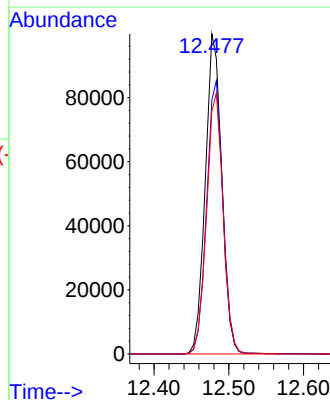
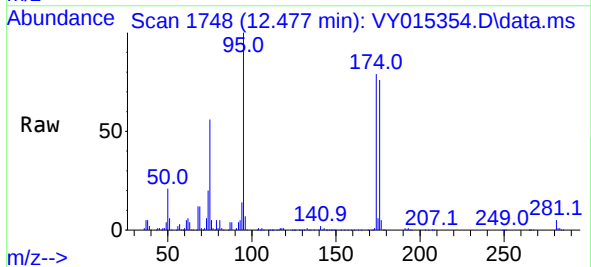
Instrument :
MSVOA_Y
ClientSampleId :
WC-4

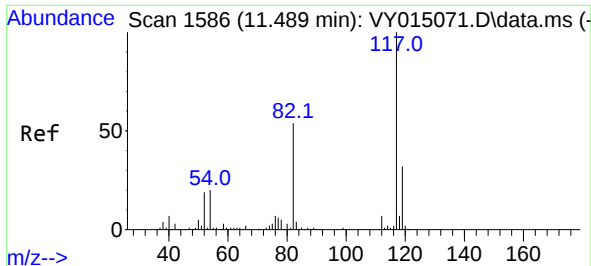
Tgt Ion: 98 Resp: 432362
Ion Ratio Lower Upper
98 100
100 65.5 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 47.161 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015354.D
Acq: 25 Aug 2023 19:48

Tgt Ion: 95 Resp: 152798
Ion Ratio Lower Upper
95 100
174 85.5 0.0 178.2
176 81.8 0.0 173.8

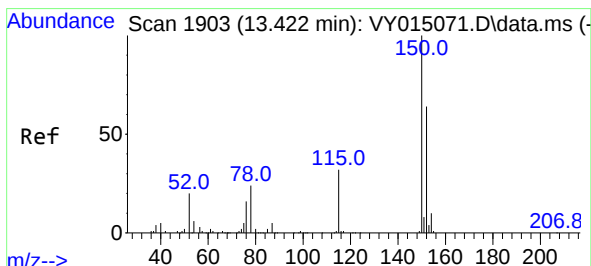
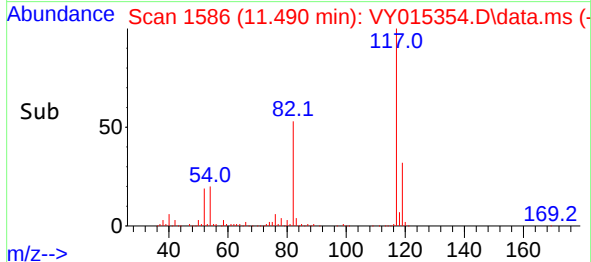
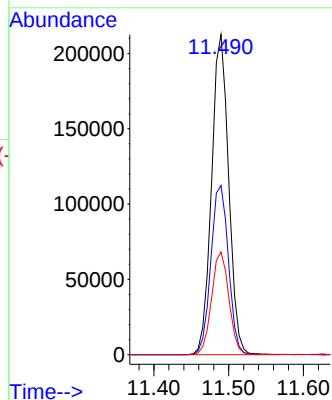
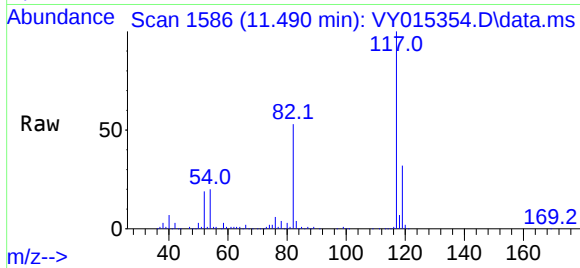




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY015354.D
Acq: 25 Aug 2023 19:48

Instrument :
MSVOA_Y
ClientSampleId :
WC-4

Tgt Ion:117 Resp: 338872
Ion Ratio Lower Upper
117 100
82 52.9 43.4 65.0
119 32.1 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY015354.D
Acq: 25 Aug 2023 19:48

Tgt Ion:152 Resp: 168551
Ion Ratio Lower Upper
152 100
115 58.0 28.8 86.5
150 155.9 0.0 348.8

