

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082523\
 Data File : VY015355.D
 Acq On : 25 Aug 2023 20:12
 Operator : SY/MD
 Sample : 04170-04
 Misc : 2.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-SCAS-01-G

Quant Time: Aug 25 23:47:59 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	227973	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	379729	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	348908	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	170279	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	147207	53.792	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.580%
35) Dibromofluoromethane	7.716	113	120080	49.154	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.300%
50) Toluene-d8	10.179	98	444909	48.923	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.840%
62) 4-Bromofluorobenzene	12.483	95	157992	47.566	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.140%

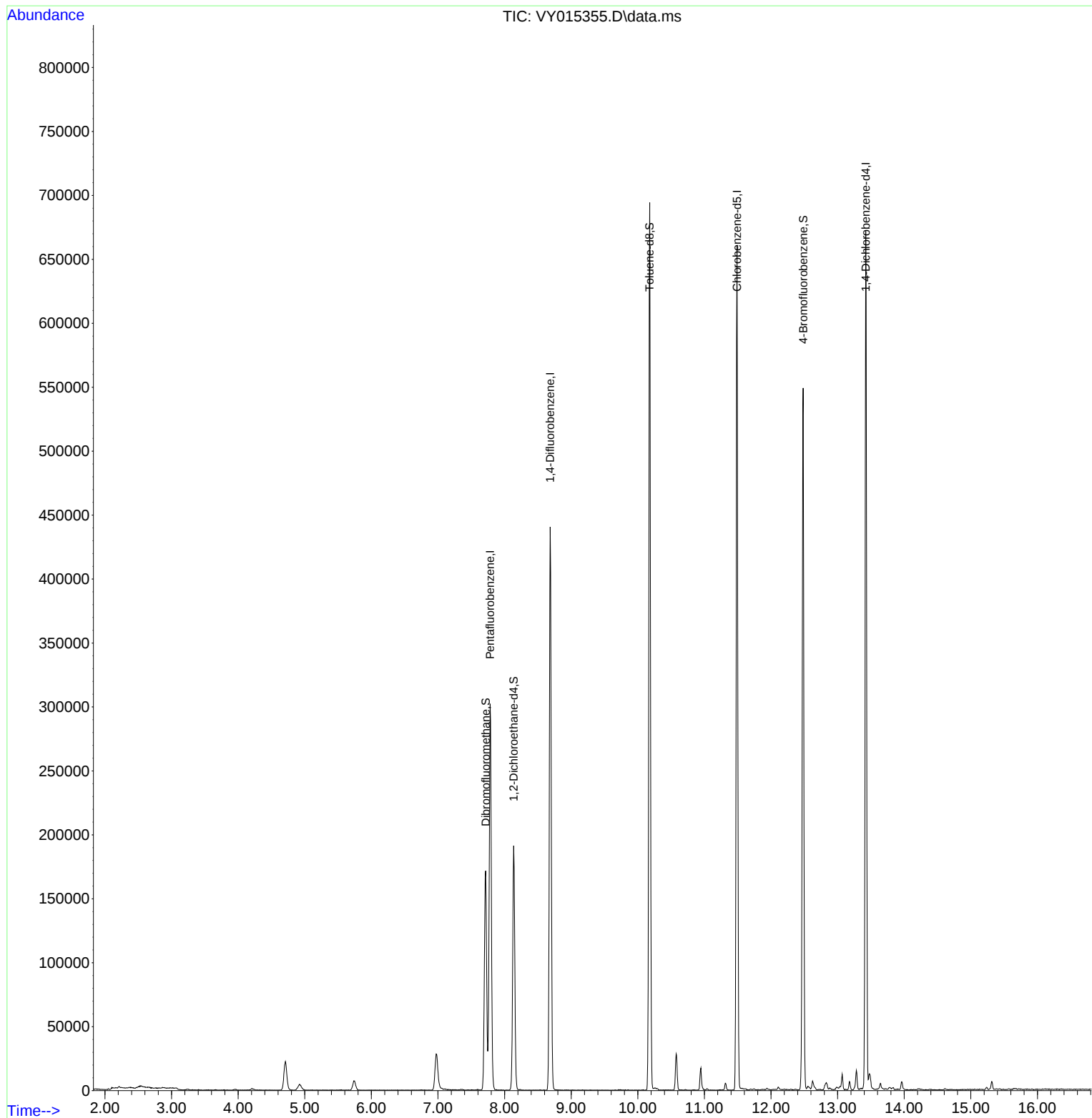
Target Compounds	Qvalue

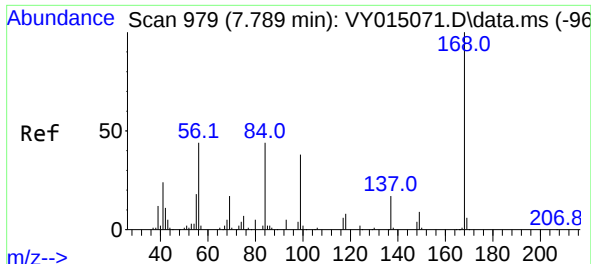
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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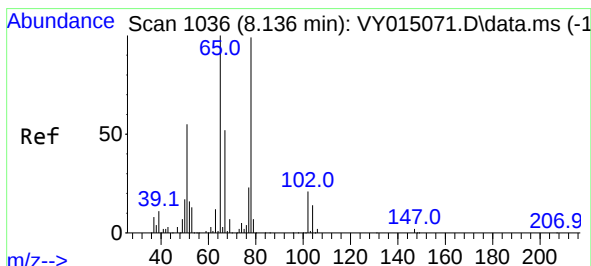
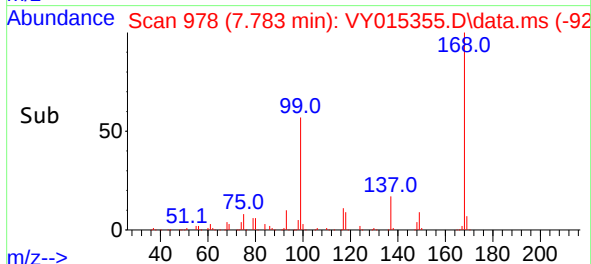
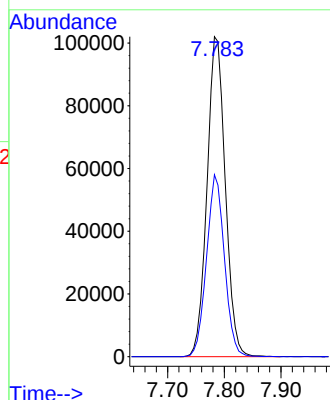
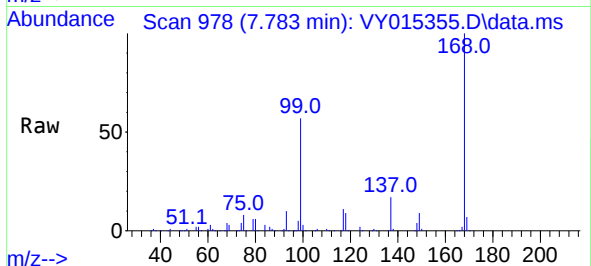




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015355.D
Acq: 25 Aug 2023 20:12

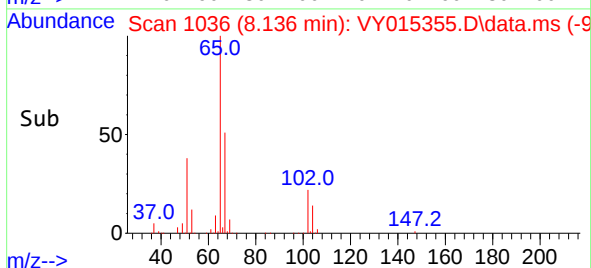
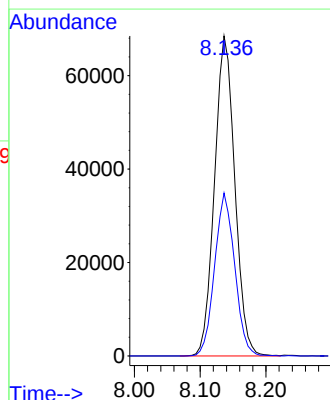
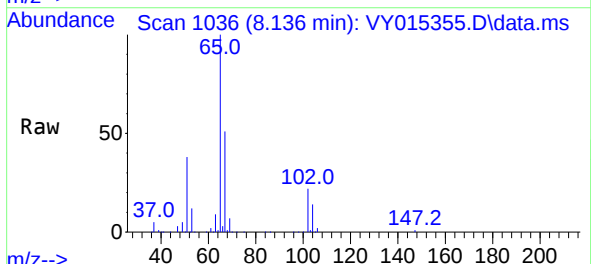
Instrument :
MSVOA_Y
ClientSampleId :
WC-SCAS-01-G

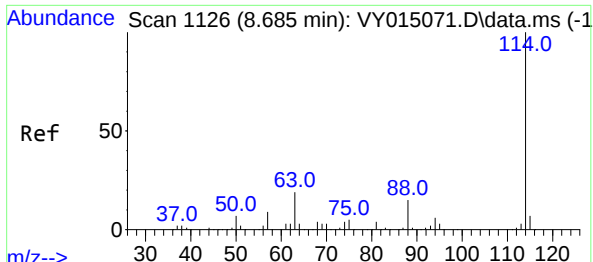
Tgt Ion:168 Resp: 227973
Ion Ratio Lower Upper
168 100
99 56.8 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 53.792 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY015355.D
Acq: 25 Aug 2023 20:12

Tgt Ion: 65 Resp: 147207
Ion Ratio Lower Upper
65 100
67 50.3 0.0 101.8



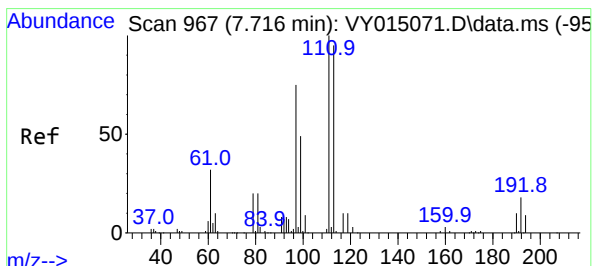
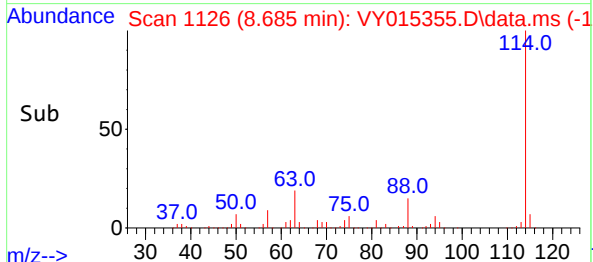
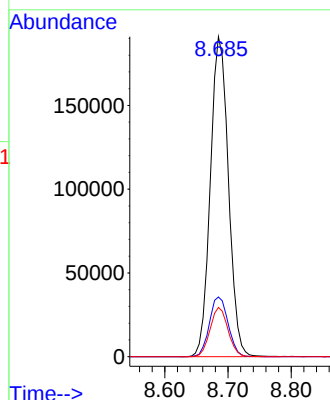
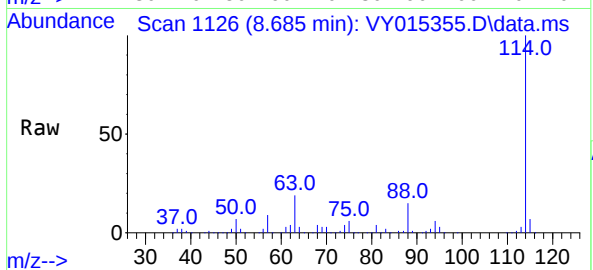


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY015355.D
Acq: 25 Aug 2023 20:12

Instrument :
MSVOA_Y
ClientSampleId :
WC-SCAS-01-G

Tgt Ion:114 Resp: 379729

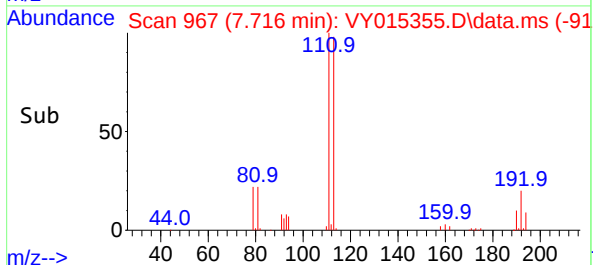
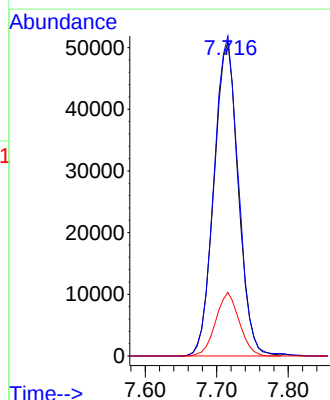
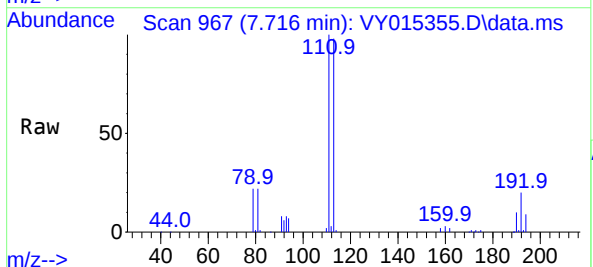
Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	42.4
88	15.4	0.0	30.6

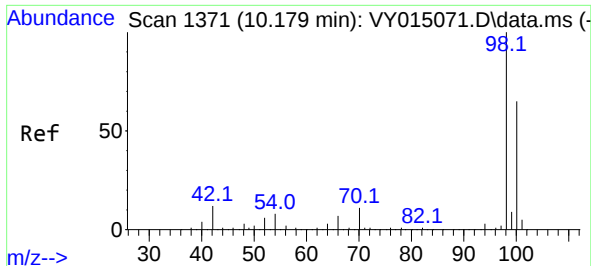


#35
Dibromofluoromethane
Concen: 49.154 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY015355.D
Acq: 25 Aug 2023 20:12

Tgt Ion:113 Resp: 120080

Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.3	121.9
192	19.6	16.9	25.3

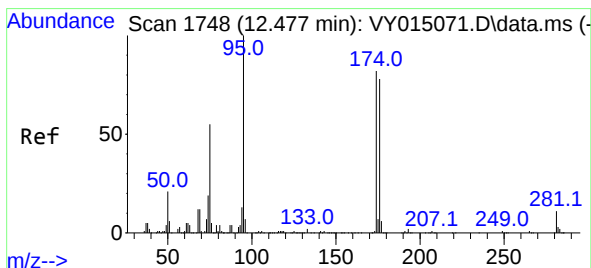
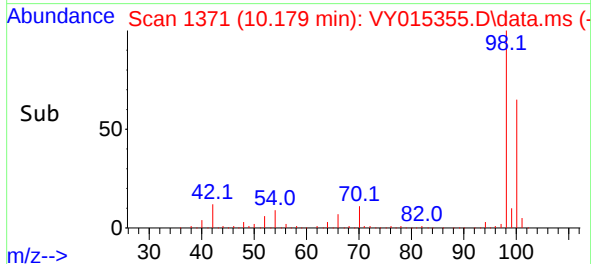
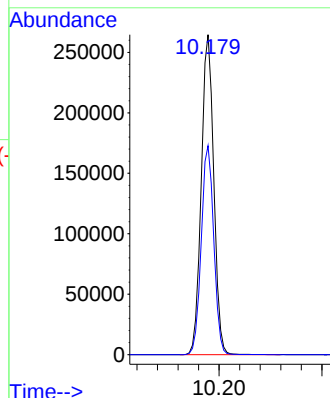
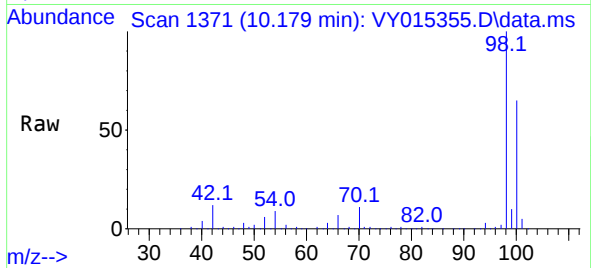




#50
Toluene-d8
Concen: 48.923 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015355.D
Acq: 25 Aug 2023 20:12

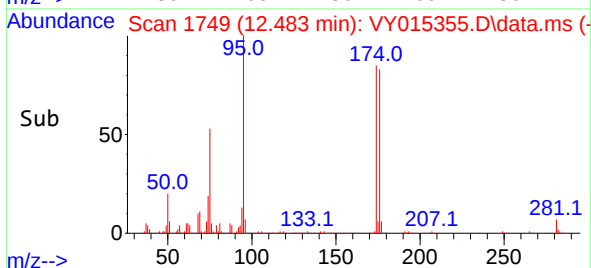
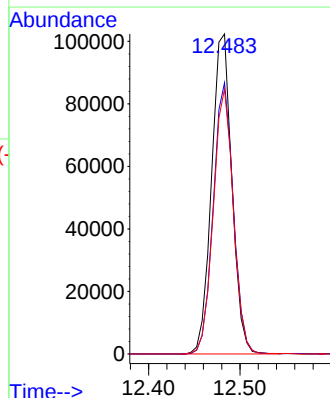
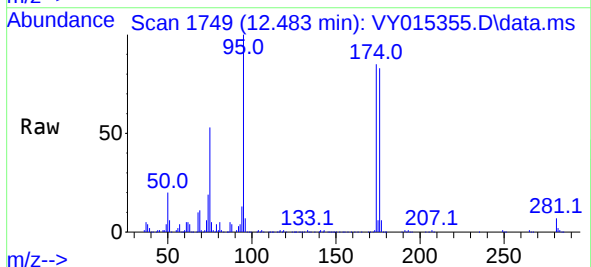
Instrument :
MSVOA_Y
ClientSampleId :
WC-SCAS-01-G

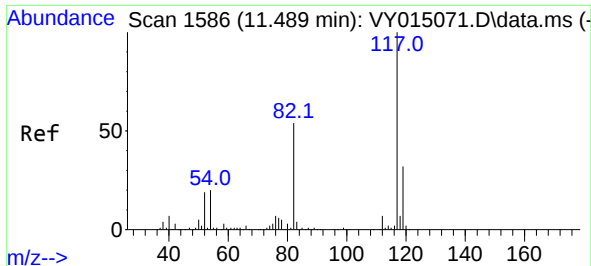
Tgt Ion: 98 Resp: 444909
Ion Ratio Lower Upper
98 100
100 65.4 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 47.566 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015355.D
Acq: 25 Aug 2023 20:12

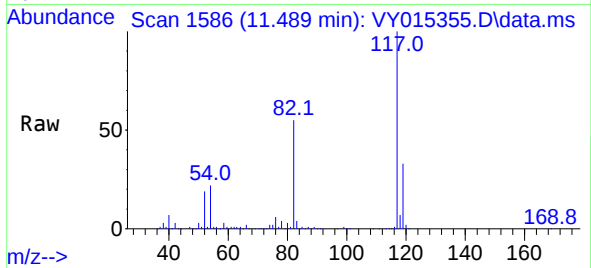
Tgt Ion: 95 Resp: 157992
Ion Ratio Lower Upper
95 100
174 83.8 0.0 178.2
176 81.7 0.0 173.8



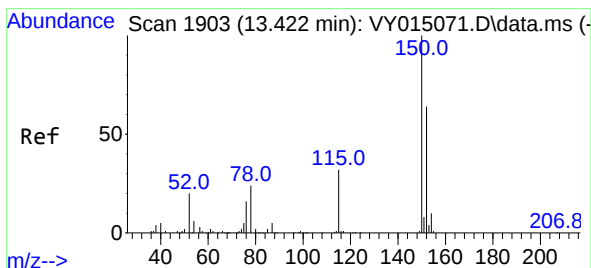
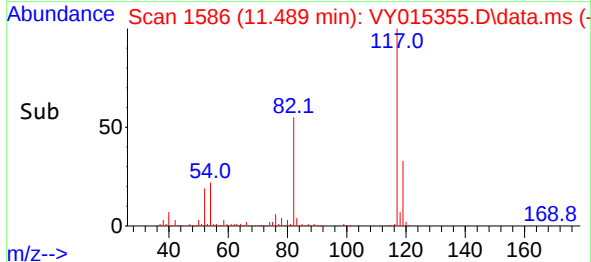
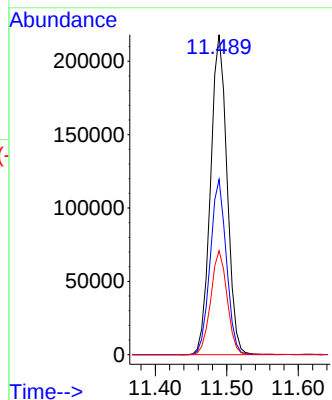


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VY015355.D
Acq: 25 Aug 2023 20:12

Instrument :
MSVOA_Y
ClientSampleId :
WC-SCAS-01-G



Tgt Ion:117 Resp: 348908
Ion Ratio Lower Upper
117 100
82 54.8 43.4 65.0
119 32.5 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: VY015355.D
Acq: 25 Aug 2023 20:12

Tgt Ion:152 Resp: 170279
Ion Ratio Lower Upper
152 100
115 58.6 28.8 86.5
150 157.0 0.0 348.8

