

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081023\
 Data File : VY015040.D
 Acq On : 10 Aug 2023 20:10
 Operator : SY/MD
 Sample : 03955-10
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-25

Quant Time: Aug 11 01:58:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 07:44:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	220689	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	375162	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	369853	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	193219	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	141785	53.007	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.020%
35) Dibromofluoromethane	7.722	113	121210	50.523	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.040%
50) Toluene-d8	10.179	98	443660	48.586	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.180%
62) 4-Bromofluorobenzene	12.483	95	174454	53.904	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	107.800%

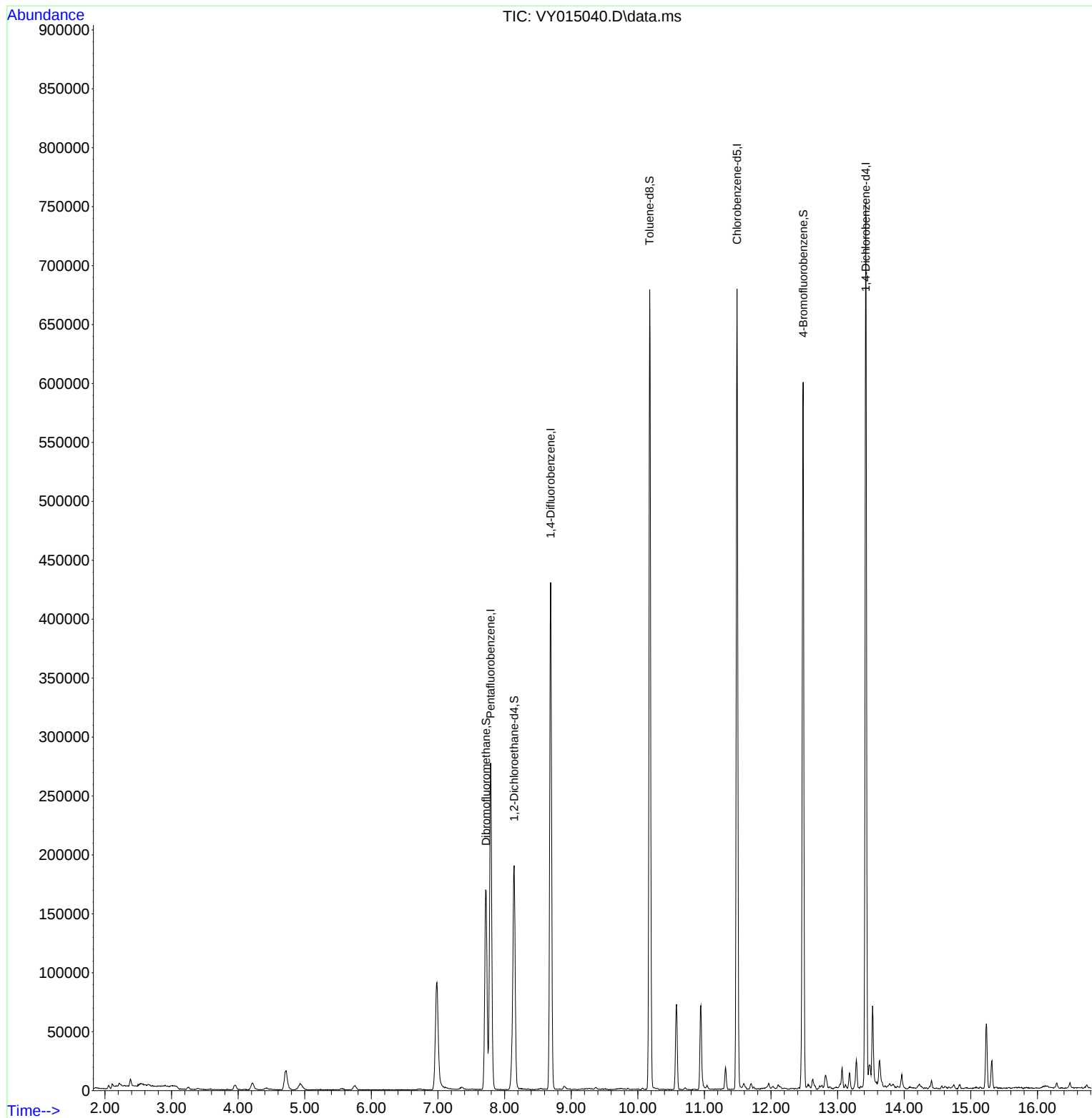
Target Compounds	Qvalue

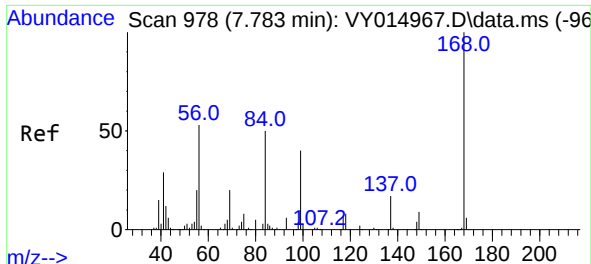
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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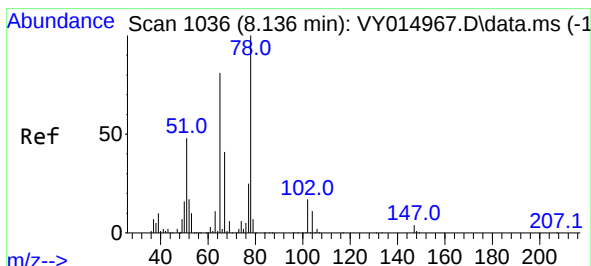
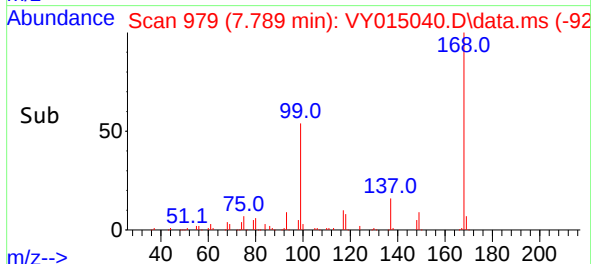
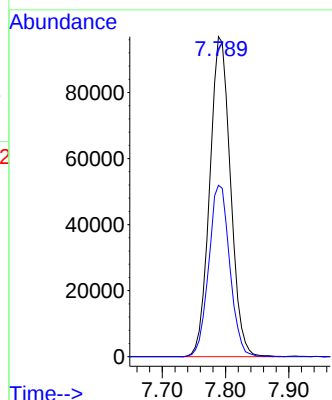
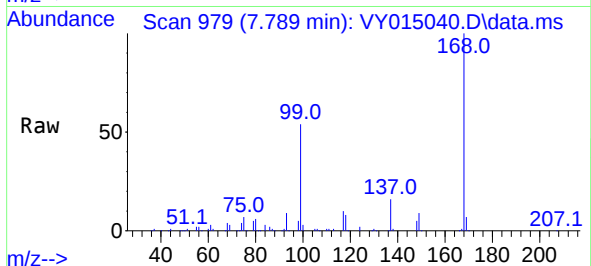




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015040.D
Acq: 10 Aug 2023 20:10

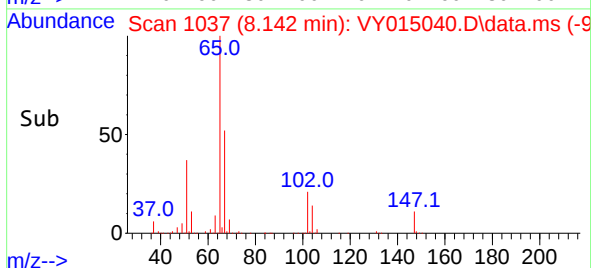
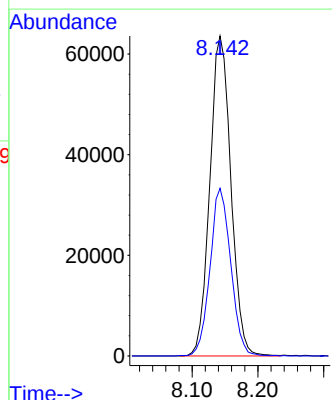
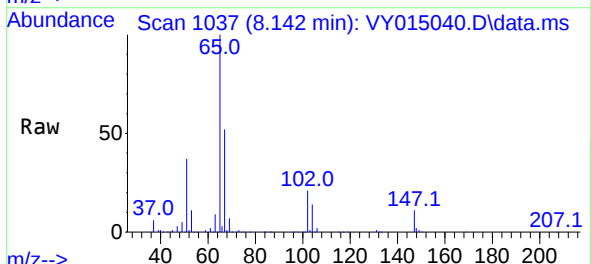
Instrument :
MSVOA_Y
ClientSampleId :
WC-25

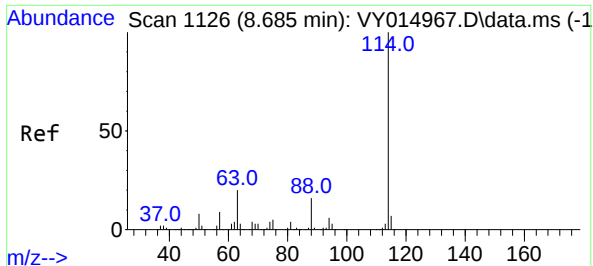
Tgt Ion:168 Resp: 220689
Ion Ratio Lower Upper
168 100
99 53.6 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 53.007 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY015040.D
Acq: 10 Aug 2023 20:10

Tgt Ion: 65 Resp: 141785
Ion Ratio Lower Upper
65 100
67 51.6 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY015040.D

Acq: 10 Aug 2023 20:10

Instrument :

MSVOA_Y

ClientSampleId :

WC-25

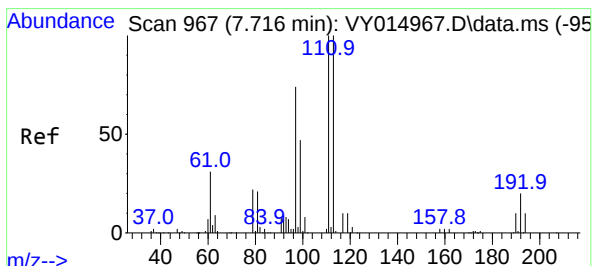
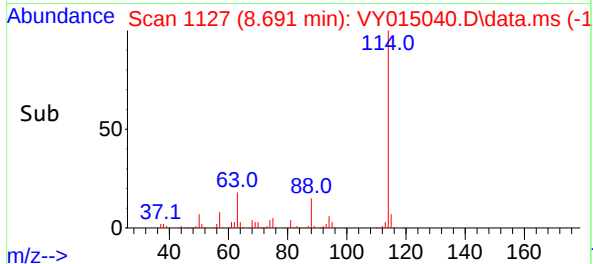
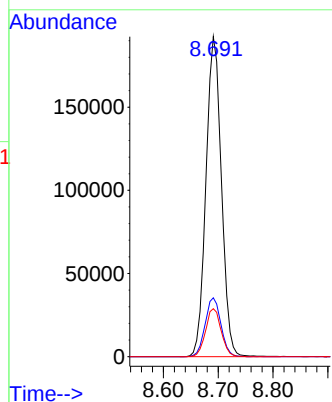
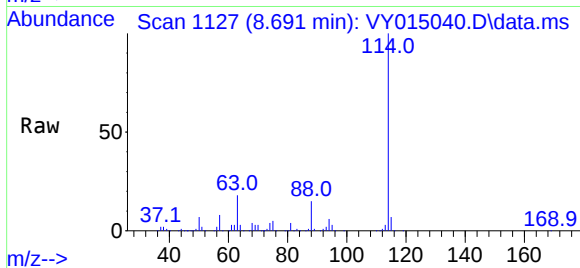
Tgt Ion:114 Resp: 375162

Ion Ratio Lower Upper

114 100

63 18.4 0.0 42.4

88 15.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.523 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY015040.D

Acq: 10 Aug 2023 20:10

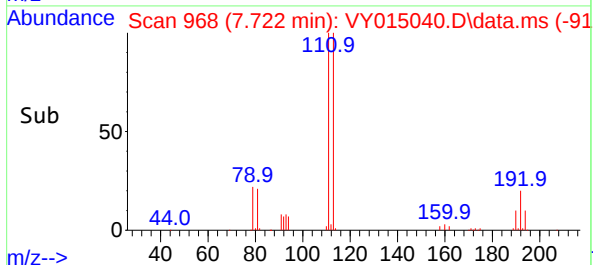
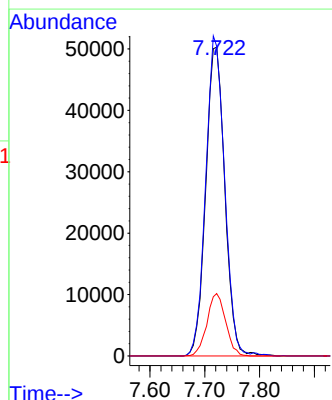
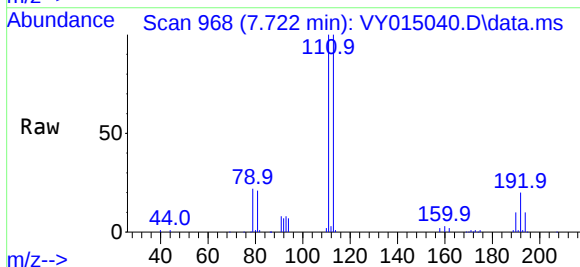
Tgt Ion:113 Resp: 121210

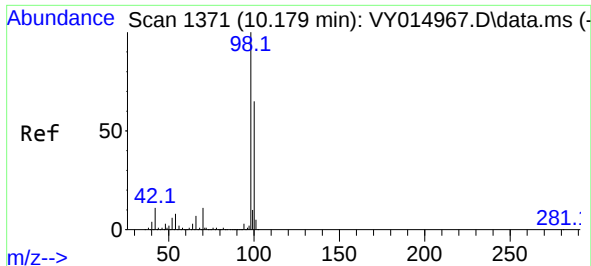
Ion Ratio Lower Upper

113 100

111 102.7 81.3 121.9

192 19.8 16.9 25.3

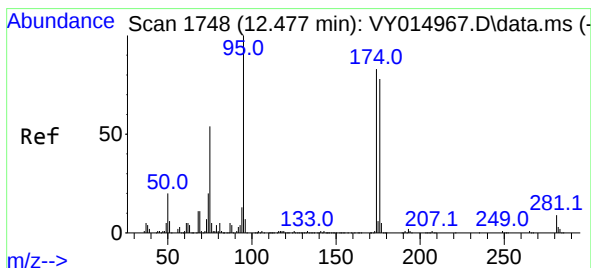
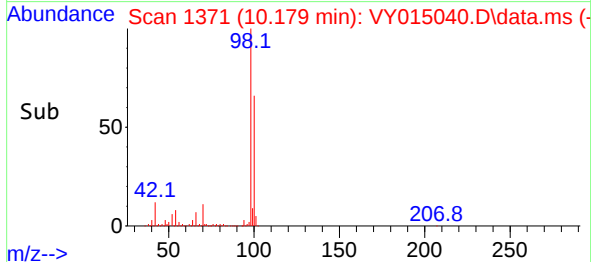
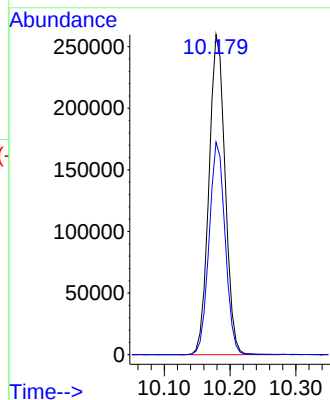
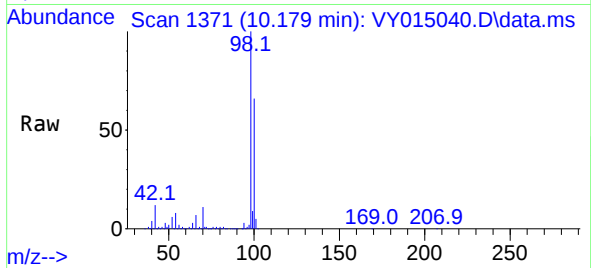




#50
Toluene-d8
Concen: 48.586 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015040.D
Acq: 10 Aug 2023 20:10

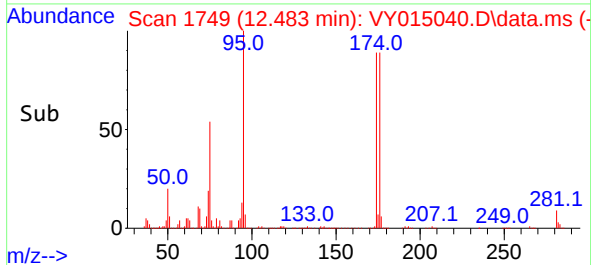
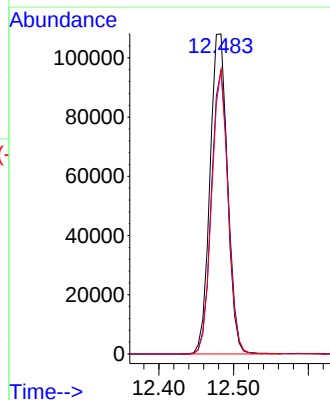
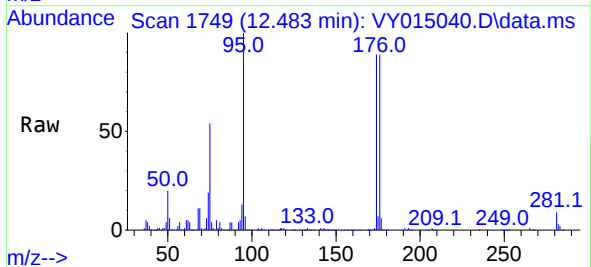
Instrument :
MSVOA_Y
ClientSampleId :
WC-25

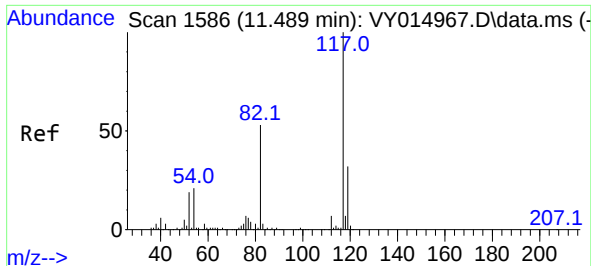
Tgt Ion: 98 Resp: 443660
Ion Ratio Lower Upper
98 100
100 66.0 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 53.904 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015040.D
Acq: 10 Aug 2023 20:10

Tgt Ion: 95 Resp: 174454
Ion Ratio Lower Upper
95 100
174 86.4 0.0 178.2
176 83.6 0.0 173.8

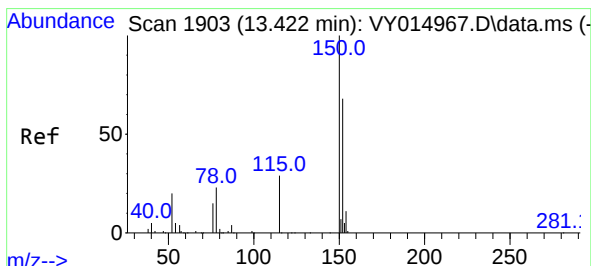
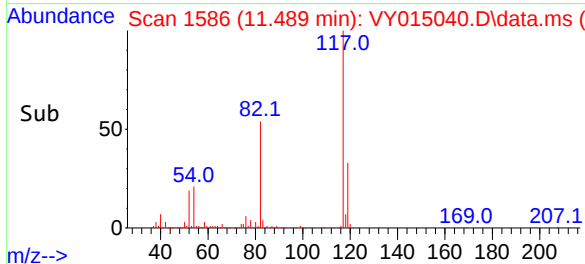
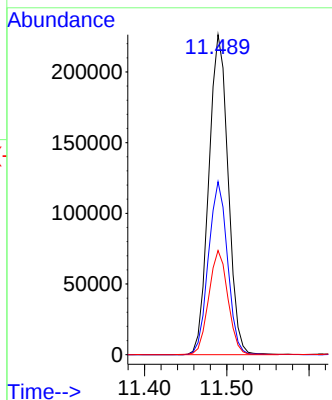
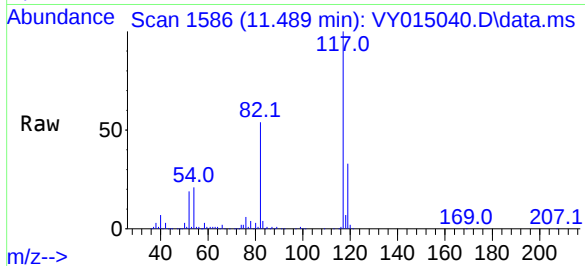




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY015040.D
Acq: 10 Aug 2023 20:10

Instrument :
MSVOA_Y
ClientSampleId :
WC-25

Tgt Ion:117 Resp: 369853
Ion Ratio Lower Upper
117 100
82 54.1 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: VY015040.D
Acq: 10 Aug 2023 20:10

Tgt Ion:152 Resp: 193219
Ion Ratio Lower Upper
152 100
115 57.0 28.8 86.5
150 155.9 0.0 348.8

