

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081023\
 Data File : VY015035.D
 Acq On : 10 Aug 2023 18:13
 Operator : SY/MD
 Sample : 03954-16
 Misc : 3.68g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-20

Quant Time: Aug 11 01:57:42 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	235293	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	400336	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	394343	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	201869	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	145689	51.086	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.180%
35) Dibromofluoromethane	7.715	113	127177	49.677	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.360%
50) Toluene-d8	10.178	98	474503	48.696	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.400%
62) 4-Bromofluorobenzene	12.477	95	186030	53.867	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	107.740%

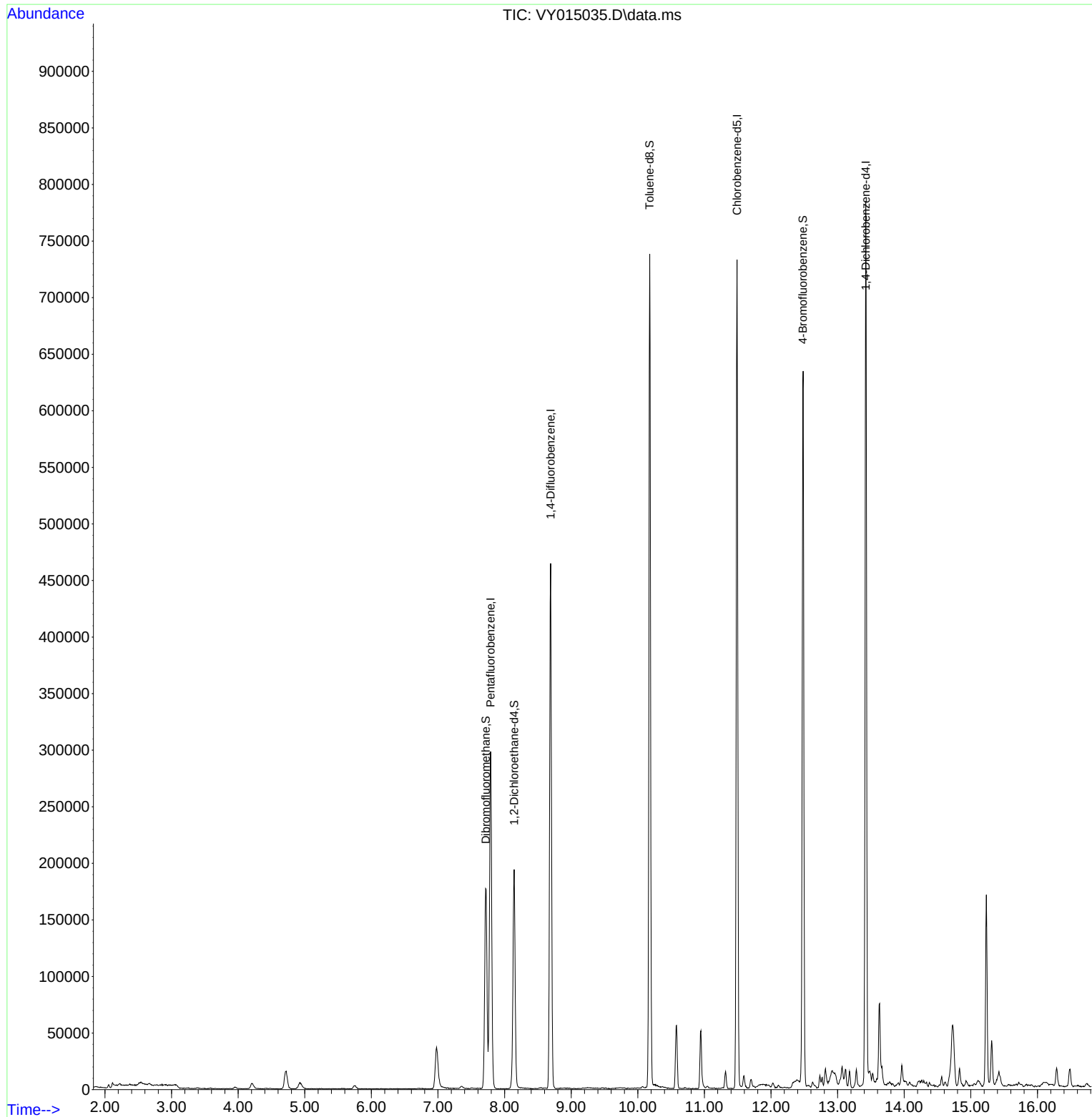
Target Compounds	Qvalue

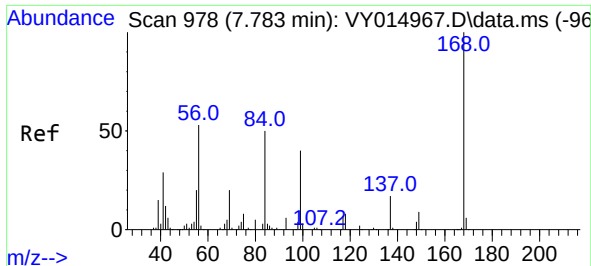
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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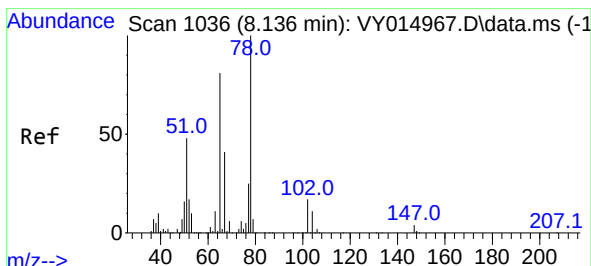
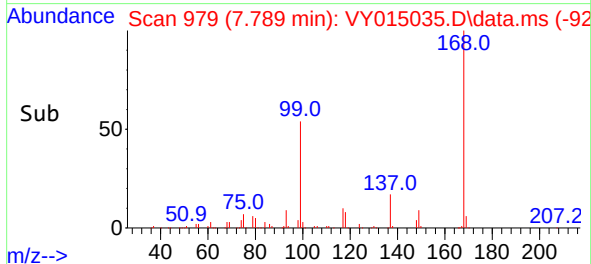
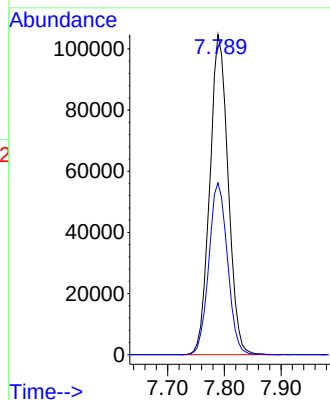
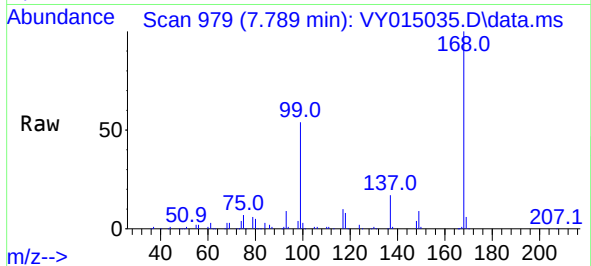




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015035.D
Acq: 10 Aug 2023 18:13

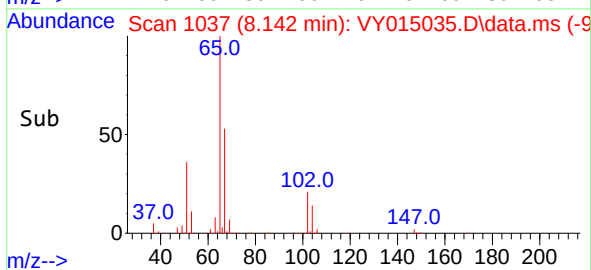
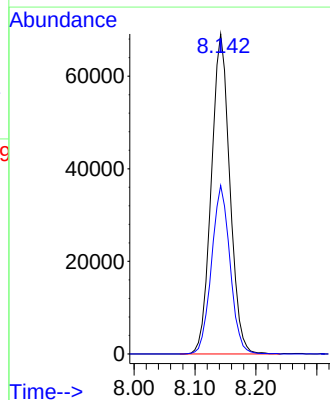
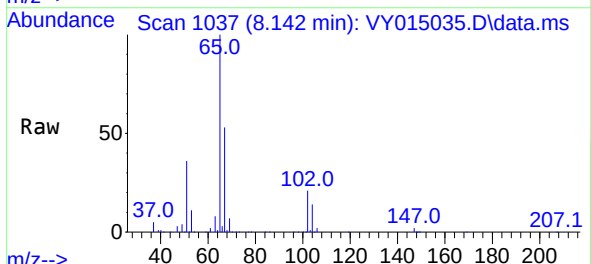
Instrument :
MSVOA_Y
ClientSampleId :
WC-20

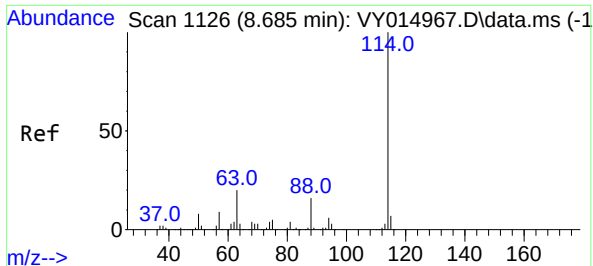
Tgt Ion:168 Resp: 235293
Ion Ratio Lower Upper
168 100
99 53.7 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 51.086 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY015035.D
Acq: 10 Aug 2023 18:13

Tgt Ion: 65 Resp: 145689
Ion Ratio Lower Upper
65 100
67 52.7 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY015035.D

Acq: 10 Aug 2023 18:13

Instrument :

MSVOA_Y

ClientSampleId :

WC-20

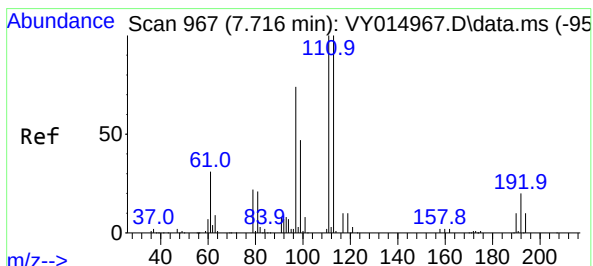
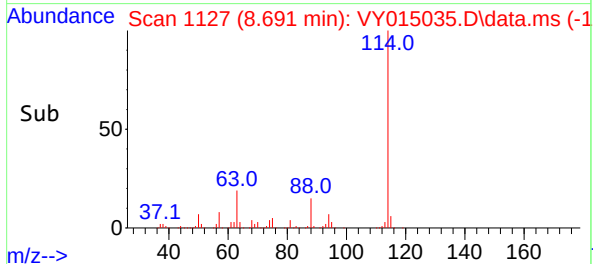
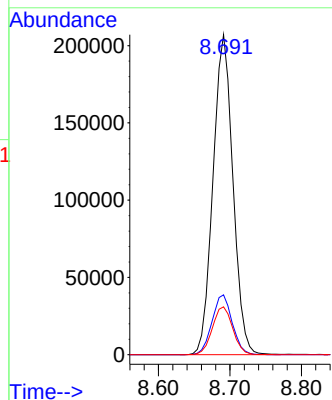
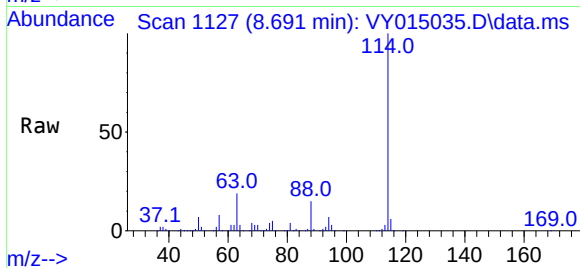
Tgt Ion:114 Resp: 400336

Ion Ratio Lower Upper

114 100

63 18.7 0.0 42.4

88 14.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.677 ug/l

RT: 7.715 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY015035.D

Acq: 10 Aug 2023 18:13

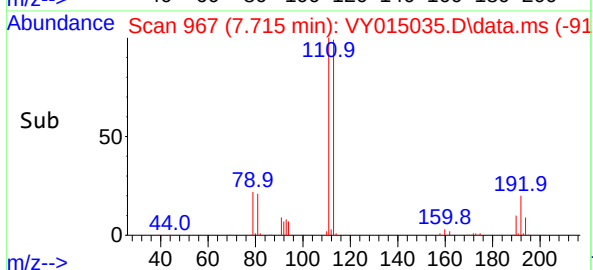
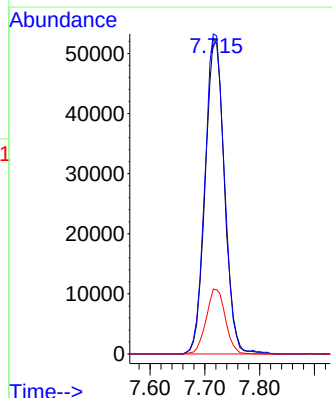
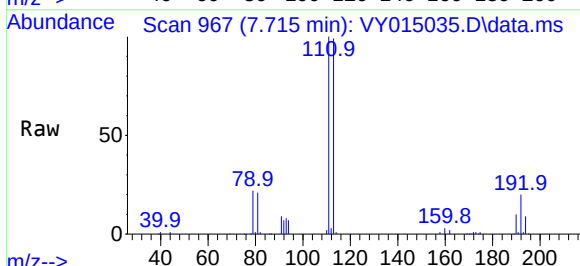
Tgt Ion:113 Resp: 127177

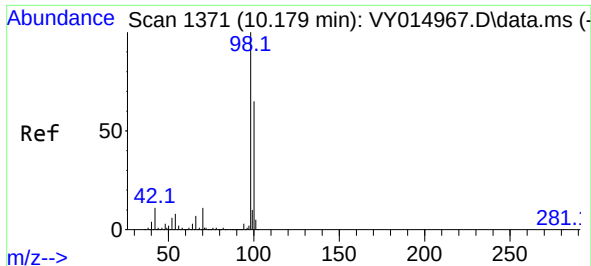
Ion Ratio Lower Upper

113 100

111 103.1 81.3 121.9

192 20.6 16.9 25.3

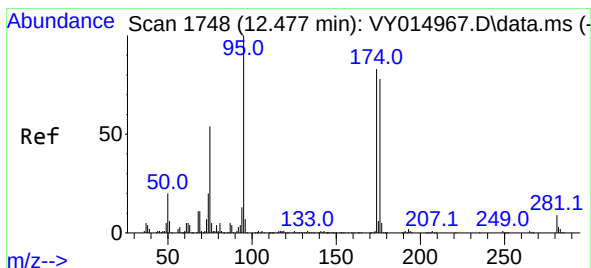
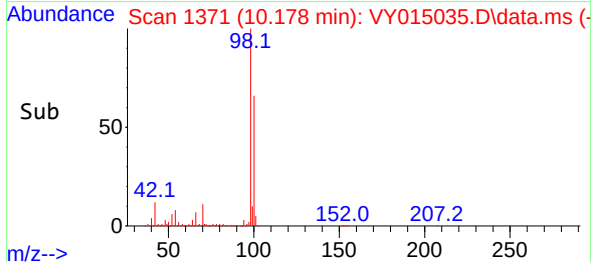
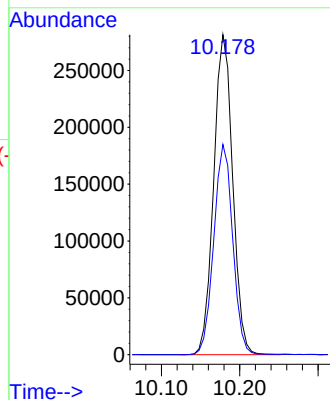
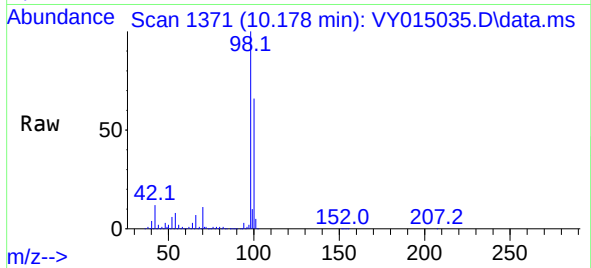




#50
Toluene-d8
Concen: 48.696 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015035.D
Acq: 10 Aug 2023 18:13

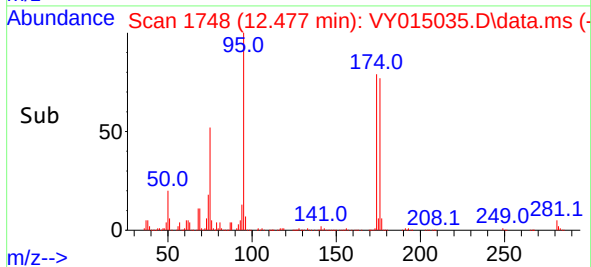
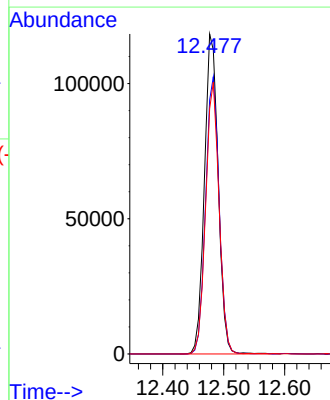
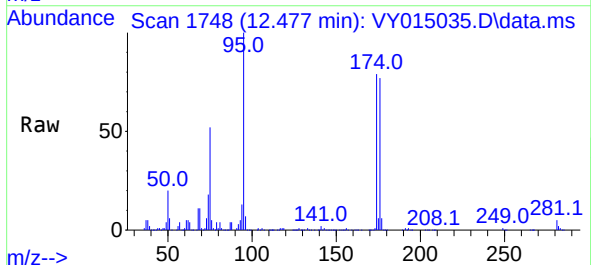
Instrument :
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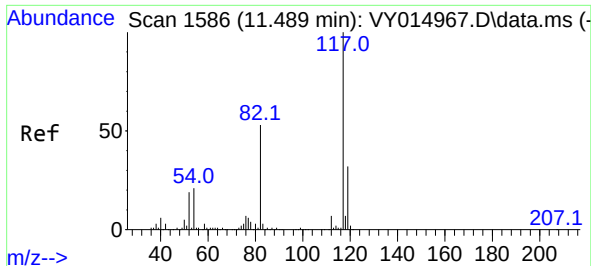
Tgt Ion: 98 Resp: 474503
Ion Ratio Lower Upper
98 100
100 65.7 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 53.867 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY015035.D
Acq: 10 Aug 2023 18:13

Tgt Ion: 95 Resp: 186030
Ion Ratio Lower Upper
95 100
174 85.3 0.0 178.2
176 82.7 0.0 173.8

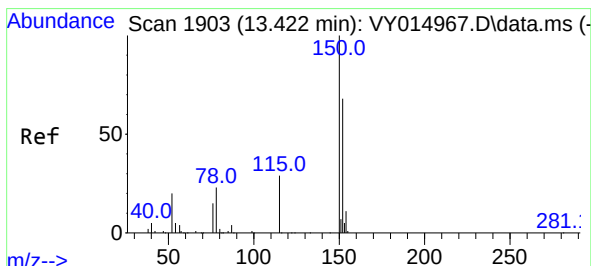
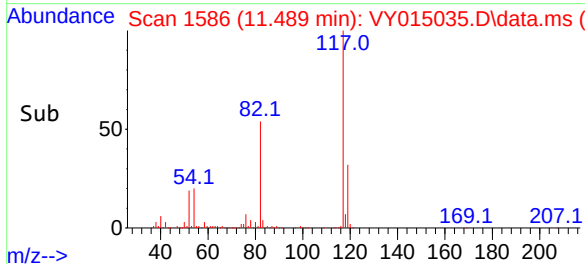
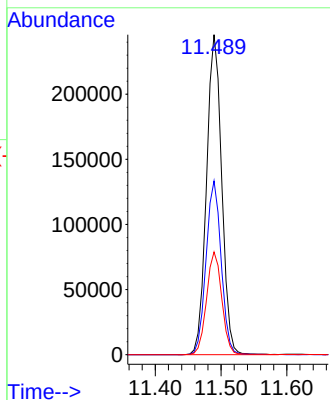
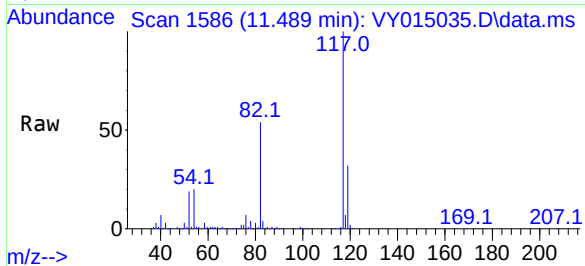




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY015035.D
Acq: 10 Aug 2023 18:13

Instrument :
MSVOA_Y
ClientSampleId :
WC-20

Tgt Ion:	117	Resp:	394343
Ion	Ratio	Lower	Upper
117	100		
82	54.3	43.4	65.0
119	32.1	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: VY015035.D
Acq: 10 Aug 2023 18:13

Tgt Ion:	152	Resp:	201869
Ion	Ratio	Lower	Upper
152	100		
115	58.2	28.8	86.5
150	156.7	0.0	348.8

