

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081523\
 Data File : VY015115.D
 Acq On : 15 Aug 2023 19:51
 Operator : SY/MD
 Sample : 04017-03
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JC-03-081423-B

Quant Time: Aug 16 02:09:09 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	7.795	168	10075	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.691	114	17182	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	16803	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	7849	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	6916	57.185	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.360%
35) Dibromofluoromethane	7.716	113	5230	47.314	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.620%
50) Toluene-d8	10.179	98	20102	48.852	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.700%
62) 4-Bromofluorobenzene	12.483	95	7414	49.330	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.660%

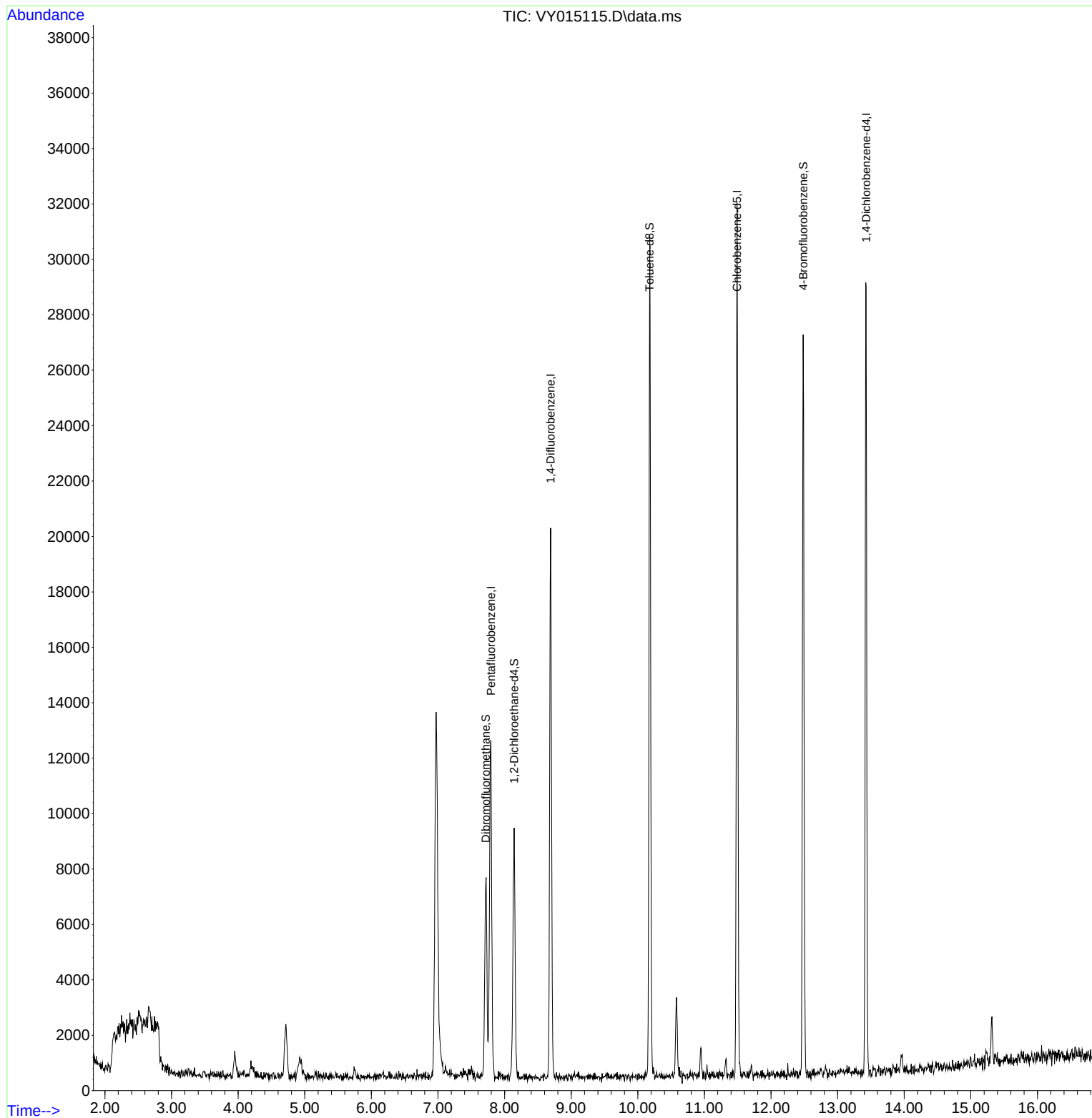
Target Compounds	Qvalue

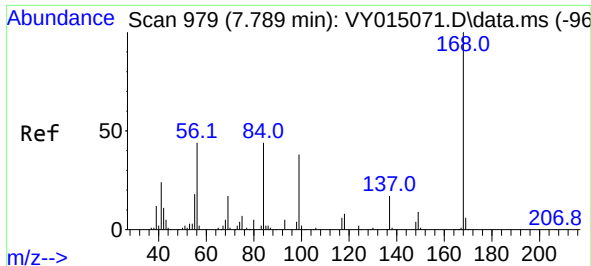
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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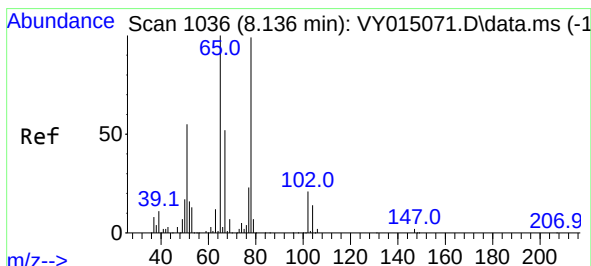
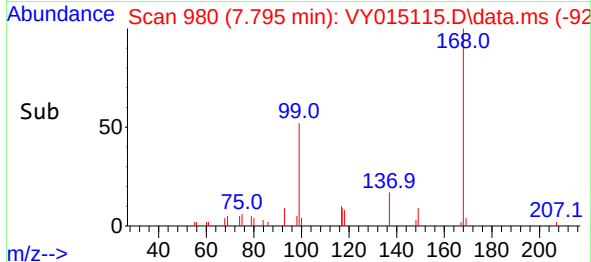
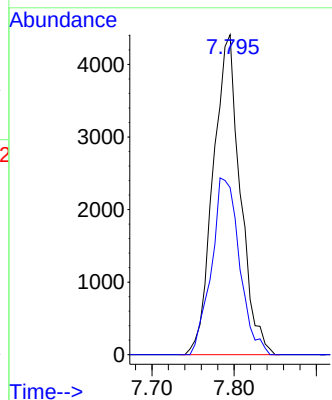
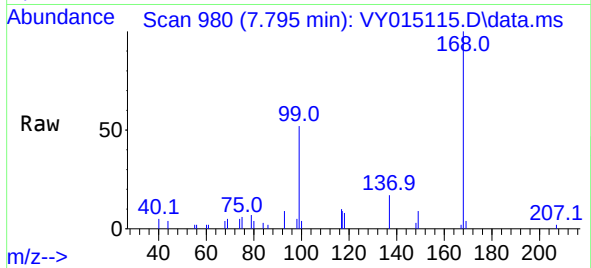




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015115.D
Acq: 15 Aug 2023 19:51

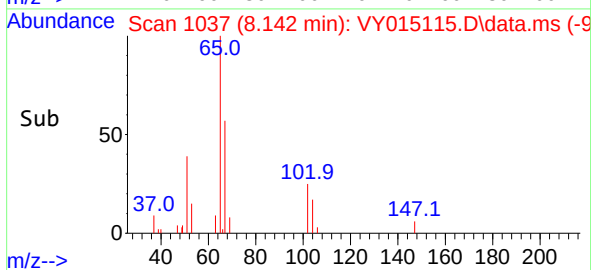
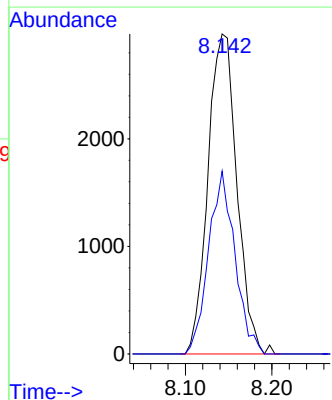
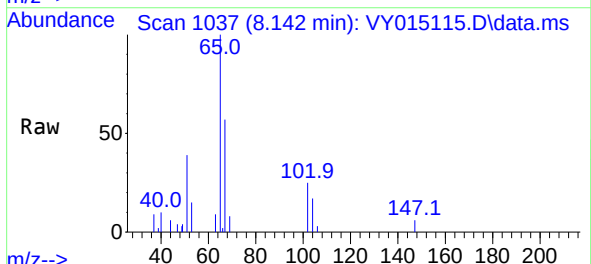
Instrument :
MSVOA_Y
ClientSampleId :
JC-03-081423-B

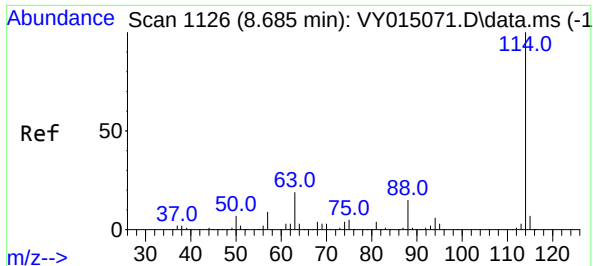
Tgt Ion:168 Resp: 10075
Ion Ratio Lower Upper
168 100
99 52.2 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 57.185 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY015115.D
Acq: 15 Aug 2023 19:51

Tgt Ion: 65 Resp: 6916
Ion Ratio Lower Upper
65 100
67 52.0 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: VY015115.D

Acq: 15 Aug 2023 19:51

Instrument :

MSVOA_Y

ClientSampleId :

JC-03-081423-B

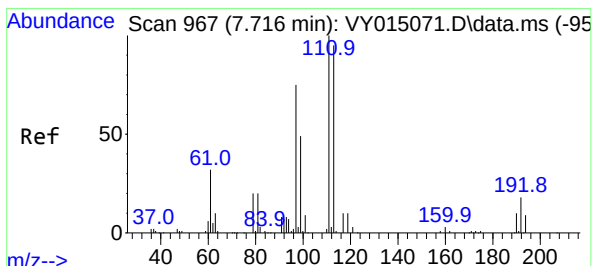
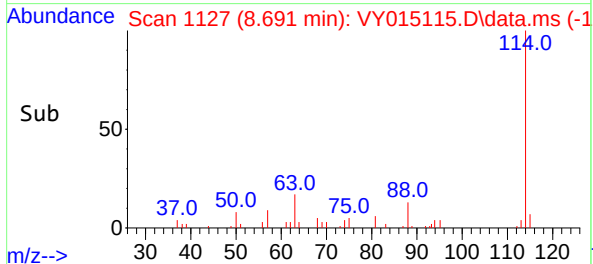
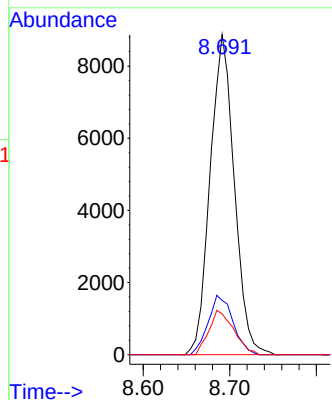
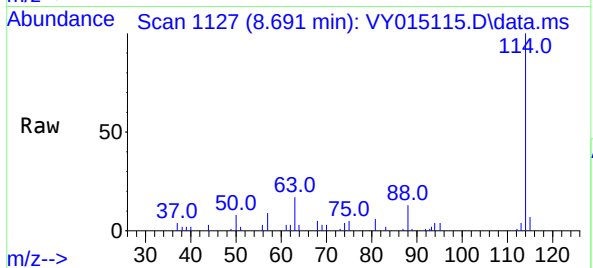
Tgt Ion:114 Resp: 17182

Ion Ratio Lower Upper

114 100

63 17.0 0.0 42.4

88 12.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 47.314 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY015115.D

Acq: 15 Aug 2023 19:51

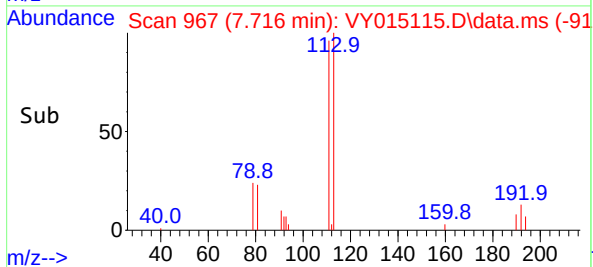
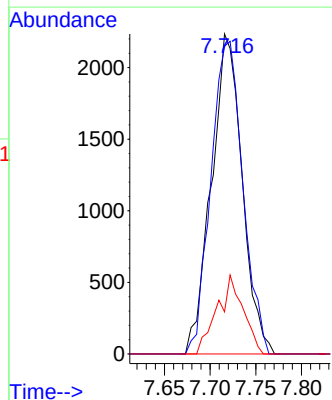
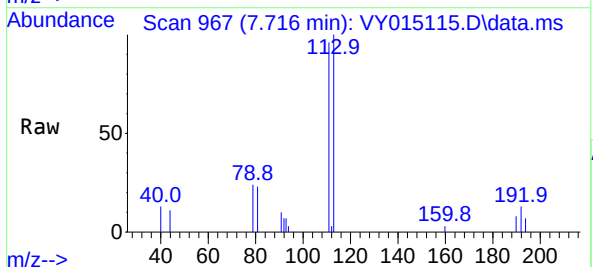
Tgt Ion:113 Resp: 5230

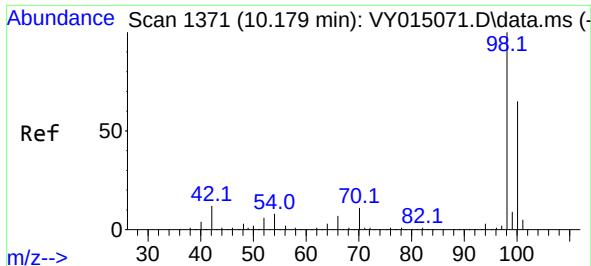
Ion Ratio Lower Upper

113 100

111 101.4 81.3 121.9

192 20.8 16.9 25.3

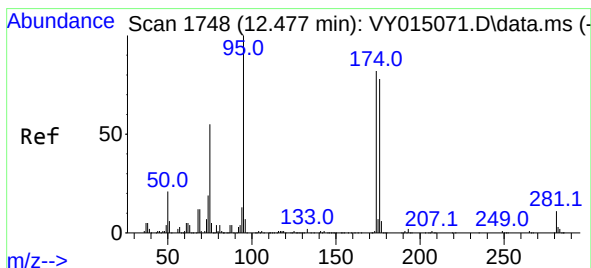
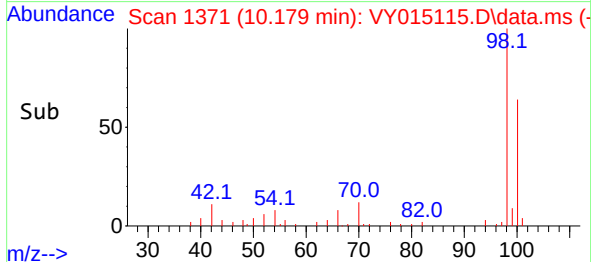
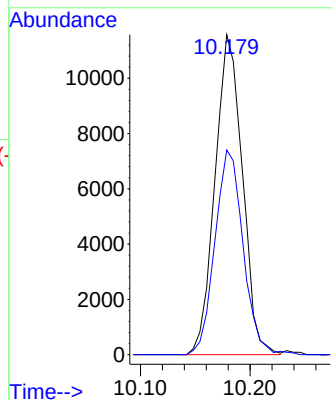
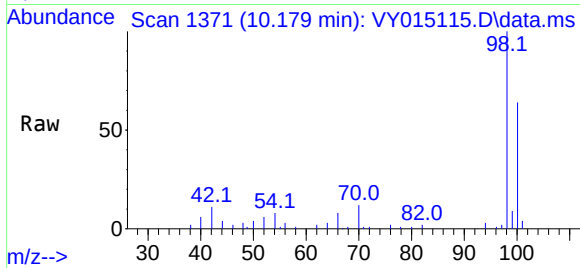




#50
Toluene-d8
Concen: 48.852 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015115.D
Acq: 15 Aug 2023 19:51

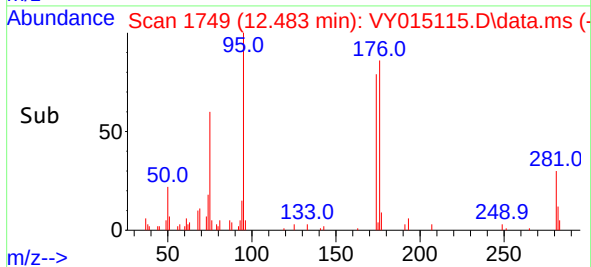
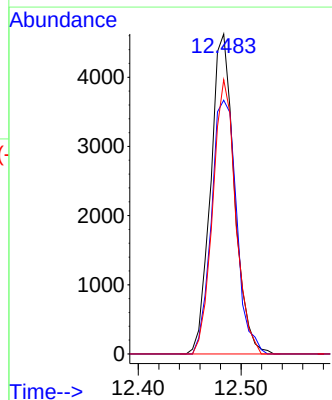
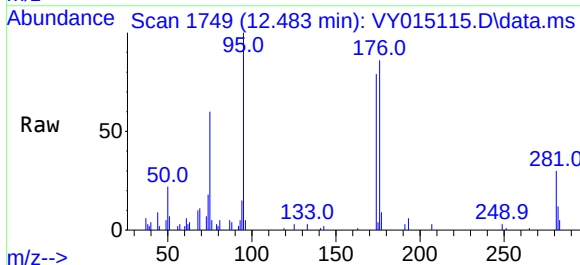
Instrument :
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ClientSampleId :
JC-03-081423-B

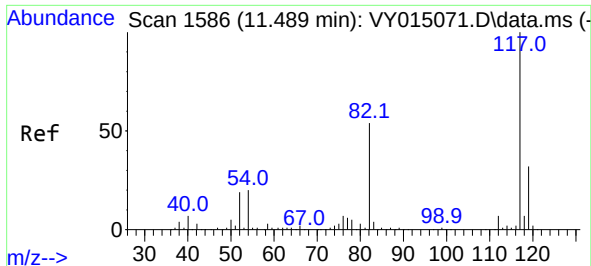
Tgt Ion: 98 Resp: 20102
Ion Ratio Lower Upper
98 100
100 65.9 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 49.330 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015115.D
Acq: 15 Aug 2023 19:51

Tgt Ion: 95 Resp: 7414
Ion Ratio Lower Upper
95 100
174 84.4 0.0 178.2
176 82.6 0.0 173.8

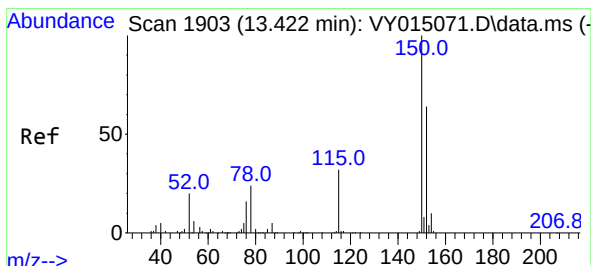
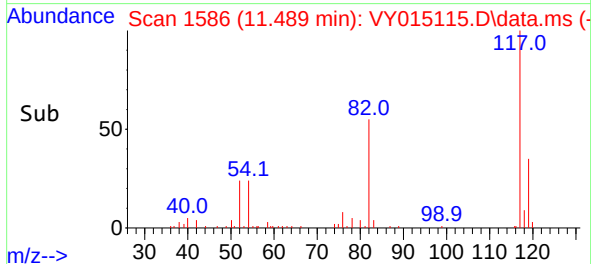
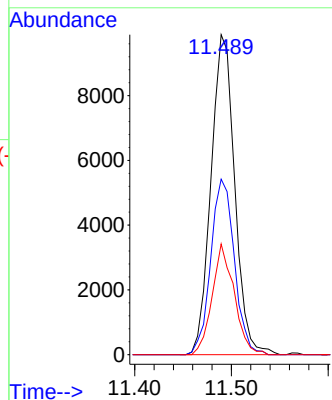
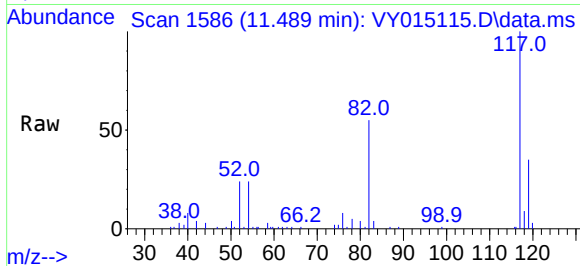




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015115.D
Acq: 15 Aug 2023 19:51

Instrument :
MSVOA_Y
ClientSampleId :
JC-03-081423-B

Tgt Ion:117	Resp:	16803
Ion	Ratio	Lower Upper
117	100	
82	54.9	43.4 65.0
119	34.6	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: VY015115.D
Acq: 15 Aug 2023 19:51

Tgt Ion:152	Resp:	7849
Ion	Ratio	Lower Upper
152	100	
115	57.7	28.8 86.5
150	155.8	0.0 348.8

