

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081623\
 Data File : VY015148.D
 Acq On : 16 Aug 2023 14:30
 Operator : SY/MD
 Sample : 04017-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Aug 17 05:29:33 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	7.782	168	11778	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	17849	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	14374	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	6047	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	5114	36.171	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	72.340%
35) Dibromofluoromethane	7.715	113	4455	38.797	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	77.600%
50) Toluene-d8	10.178	98	19010	44.472	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.940%
62) 4-Bromofluorobenzene	12.483	95	5657	36.233	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	72.460%

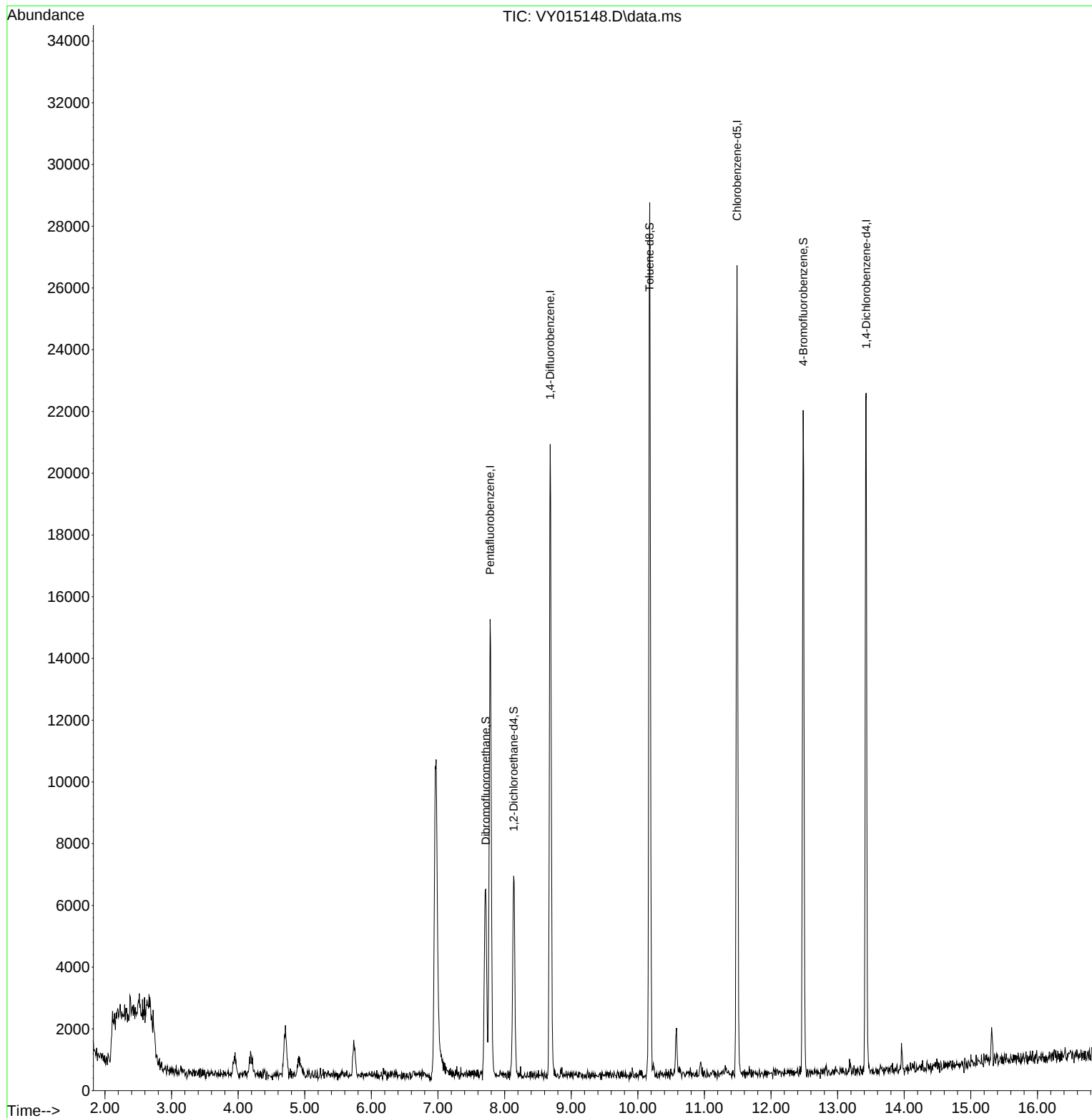
Target Compounds	Qvalue

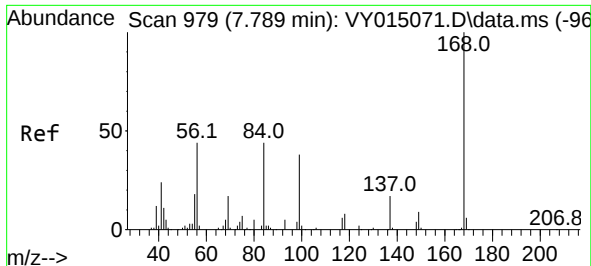
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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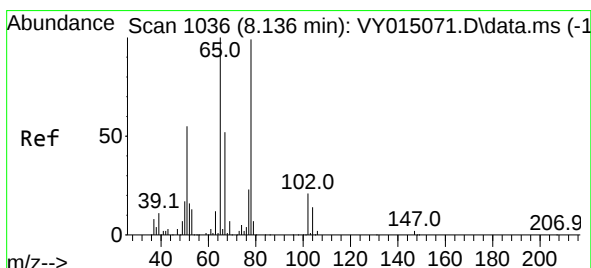
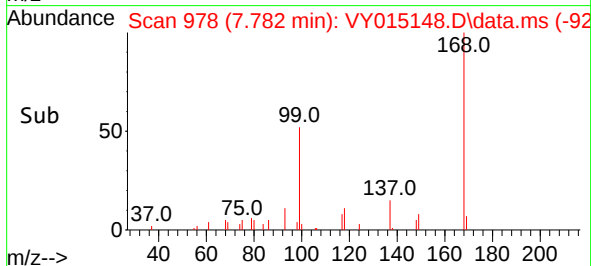
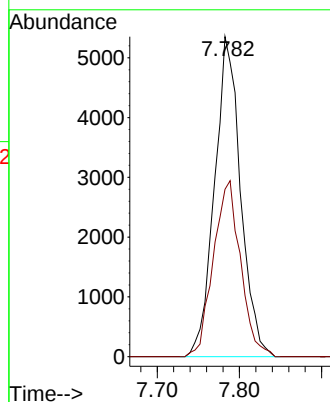
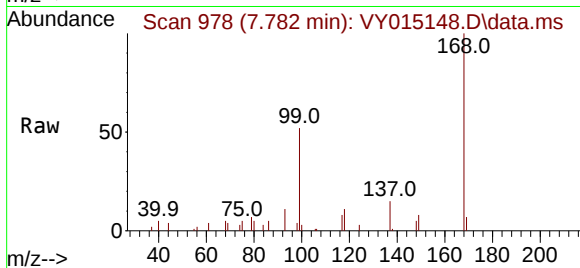




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY015148.D
Acq: 16 Aug 2023 14:30

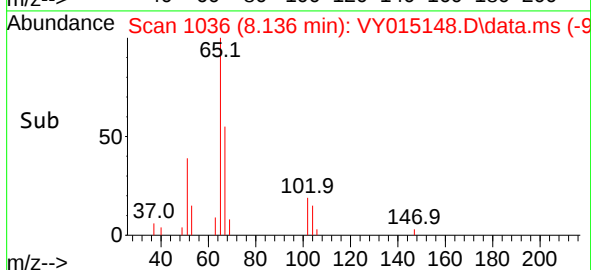
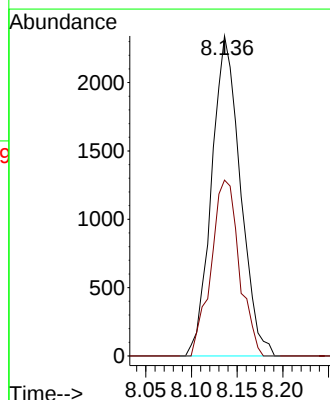
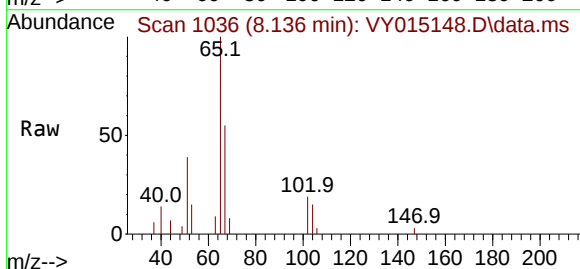
Instrument :
MSVOA_Y
ClientSampleId :
JC-03-081423-A

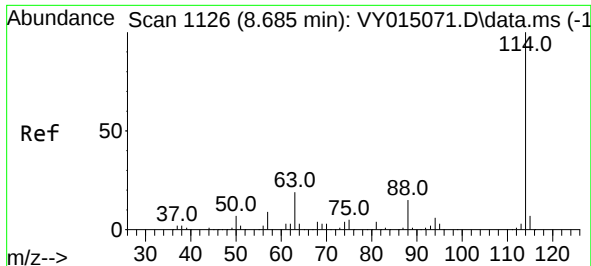
Tgt Ion:168 Resp: 11778
Ion Ratio Lower Upper
168 100
99 52.3 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 36.171 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY015148.D
Acq: 16 Aug 2023 14:30

Tgt Ion: 65 Resp: 5114
Ion Ratio Lower Upper
65 100
67 53.9 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: VY015148.D

Acq: 16 Aug 2023 14:30

Instrument :

MSVOA_Y

ClientSampleId :

JC-03-081423-A

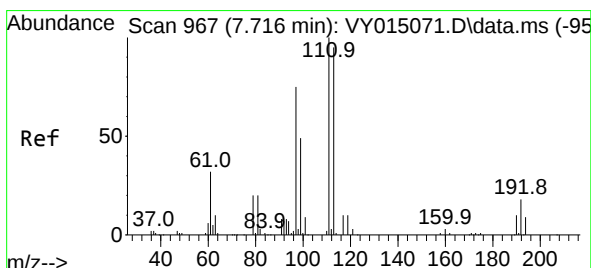
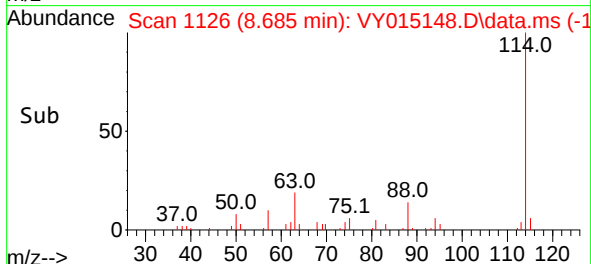
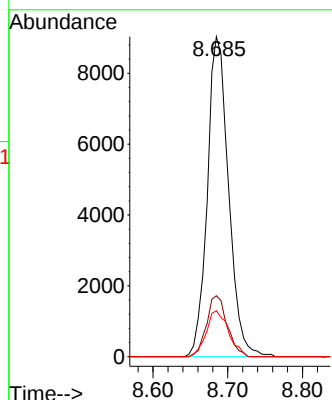
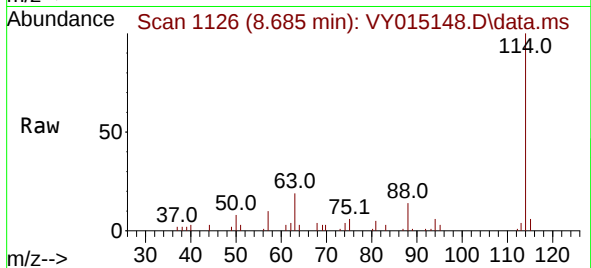
Tgt Ion:114 Resp: 17849

Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.4

88 14.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 38.797 ug/l

RT: 7.715 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY015148.D

Acq: 16 Aug 2023 14:30

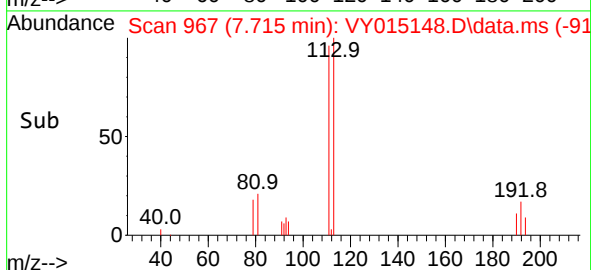
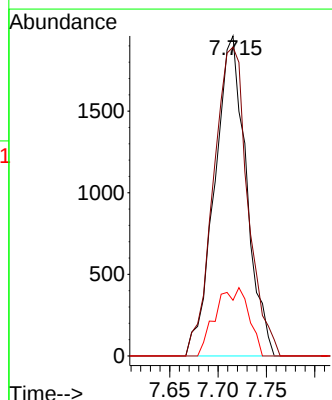
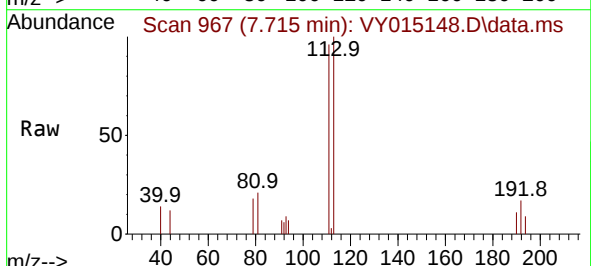
Tgt Ion:113 Resp: 4455

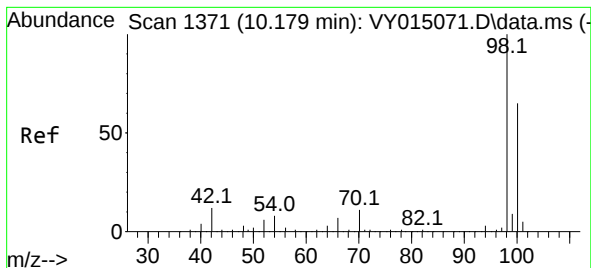
Ion Ratio Lower Upper

113 100

111 104.8 81.3 121.9

192 22.4 16.9 25.3

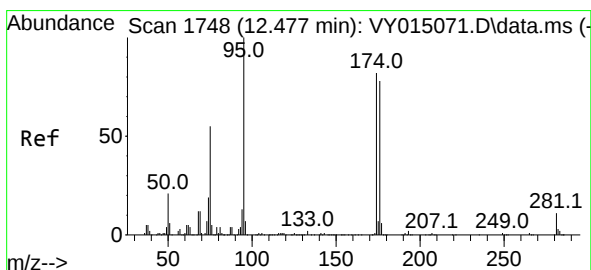
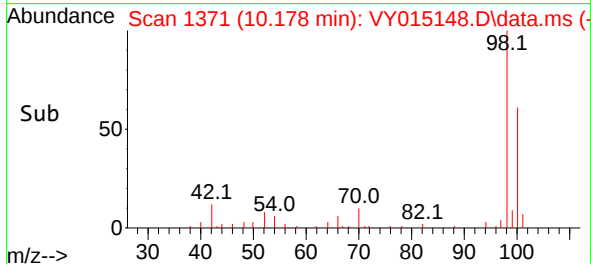
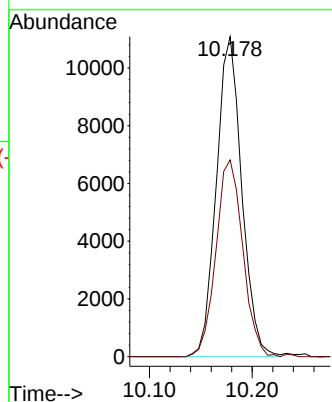
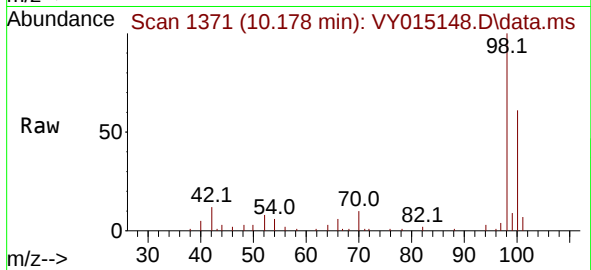




#50
Toluene-d8
Concen: 44.472 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015148.D
Acq: 16 Aug 2023 14:30

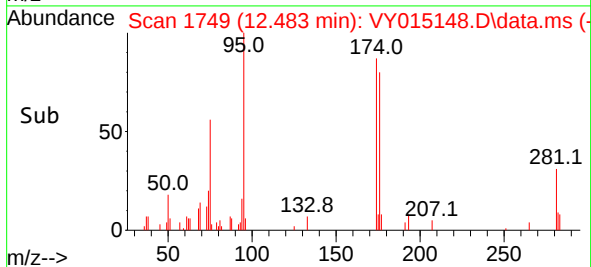
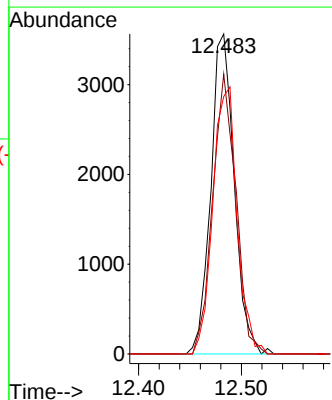
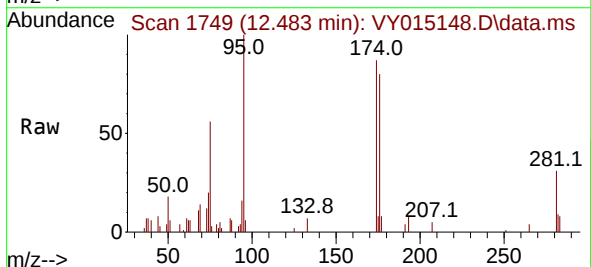
Instrument :
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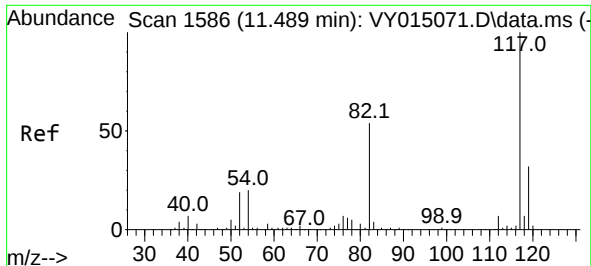
Tgt Ion: 98 Resp: 19010
Ion Ratio Lower Upper
98 100
100 64.8 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 36.233 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015148.D
Acq: 16 Aug 2023 14:30

Tgt Ion: 95 Resp: 5657
Ion Ratio Lower Upper
95 100
174 86.4 0.0 178.2
176 86.1 0.0 173.8

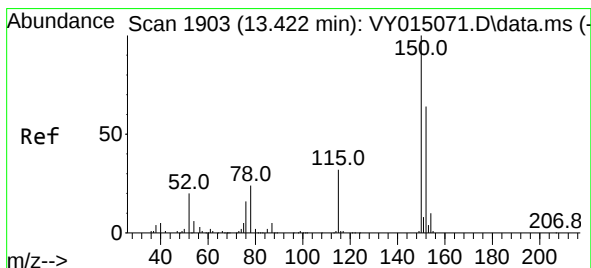
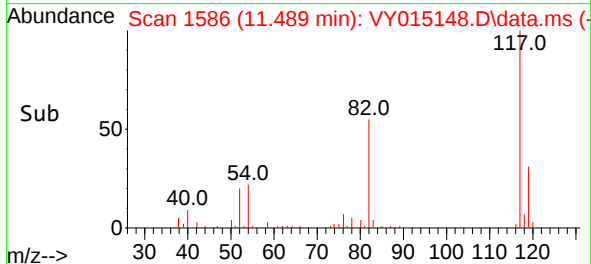
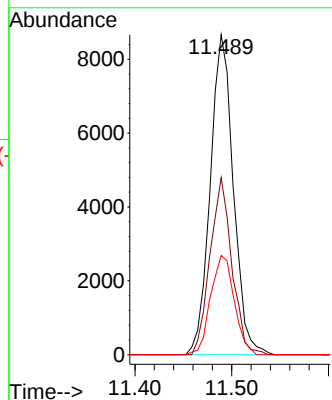
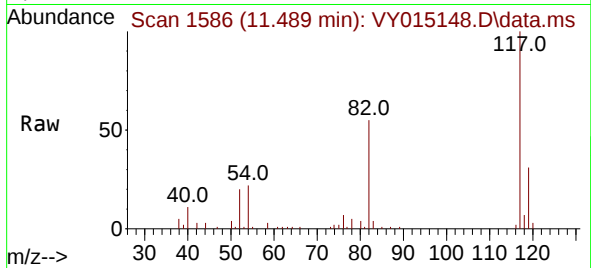




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015148.D
Acq: 16 Aug 2023 14:30

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

Tgt Ion:117 Resp: 14374
Ion Ratio Lower Upper
117 100
82 55.3 43.4 65.0
119 31.0 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: VY015148.D
Acq: 16 Aug 2023 14:30

Tgt Ion:152 Resp: 6047
Ion Ratio Lower Upper
152 100
115 56.9 28.8 86.5
150 155.1 0.0 348.8

