

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081924\
 Data File : VY019119.D
 Acq On : 19 Aug 2024 16:04
 Operator : SY/MD
 Sample : P3598-03
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JC-03-081324-B

Quant Time: Aug 20 01:47:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.695	168	18044	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	29209	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	22134	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	6570	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.054	65	8341	46.114	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.220%
35) Dibromofluoromethane	7.622	113	9075	47.517	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.040%
50) Toluene-d8	10.103	98	30126	43.833	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	87.660%
62) 4-Bromofluorobenzene	12.407	95	7481	31.930	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	63.860%

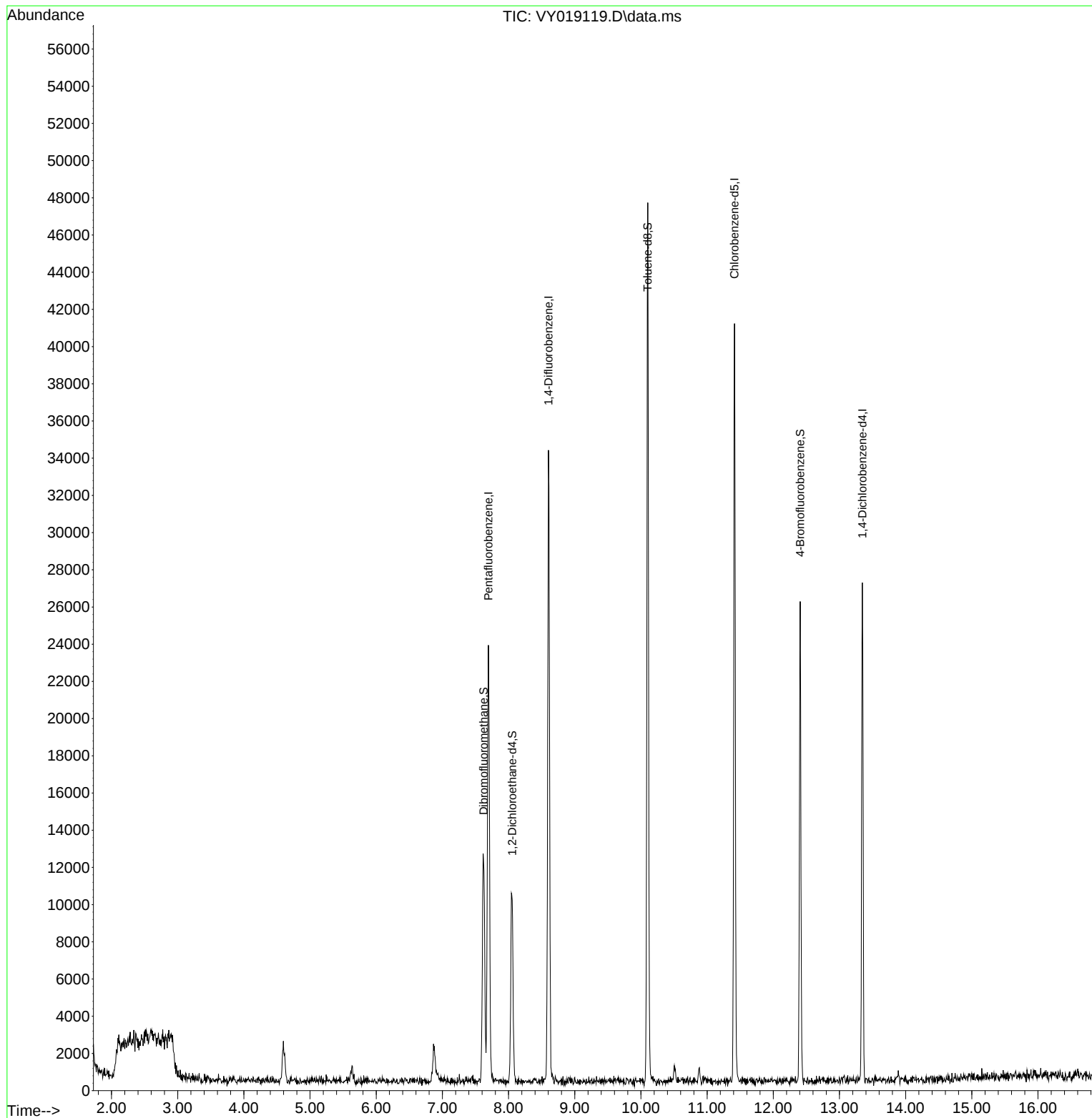
Target Compounds	Qvalue

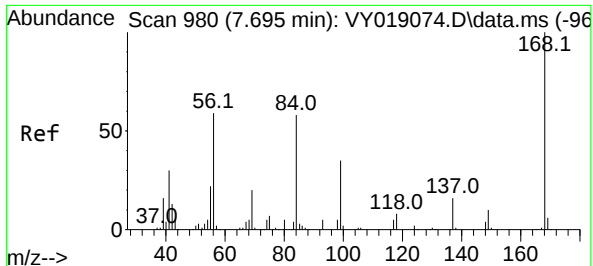
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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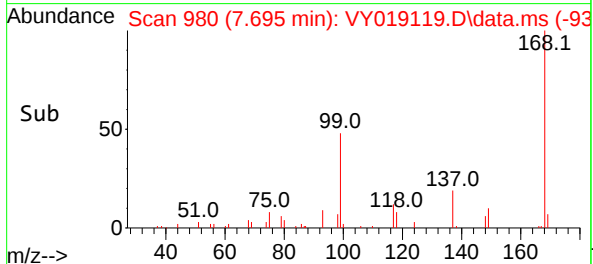
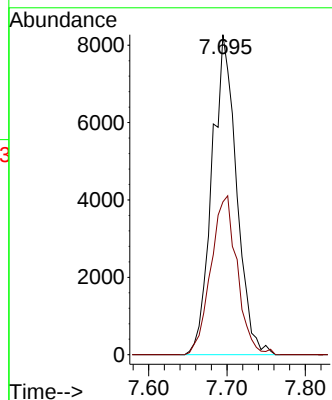
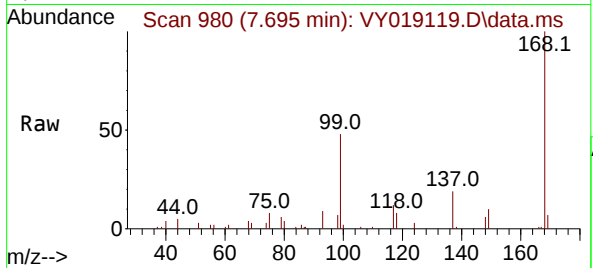




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 99
Delta R.T. -0.000 min
Lab File: VY019119.D
Acq: 19 Aug 2024 16:04

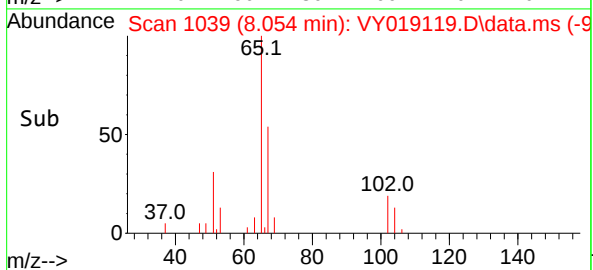
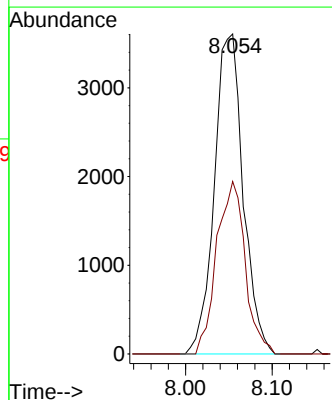
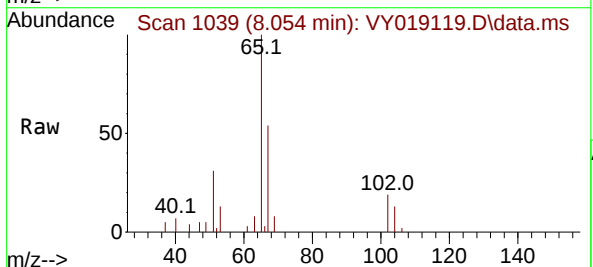
Instrument :
MSVOA_Y
ClientSampleId :
JC-03-081324-B

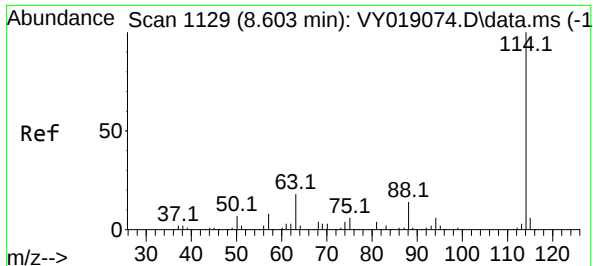
Tgt Ion:168 Resp: 18044
Ion Ratio Lower Upper
168 100
99 47.8 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 46.114 ug/l
RT: 8.054 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY019119.D
Acq: 19 Aug 2024 16:04

Tgt Ion: 65 Resp: 8341
Ion Ratio Lower Upper
65 100
67 53.2 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.603 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VY019119.D

Acq: 19 Aug 2024 16:04

Instrument :

MSVOA_Y

ClientSampleId :

JC-03-081324-B

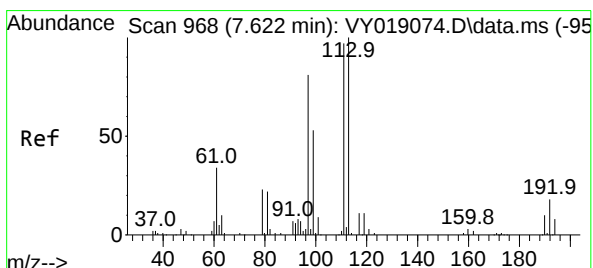
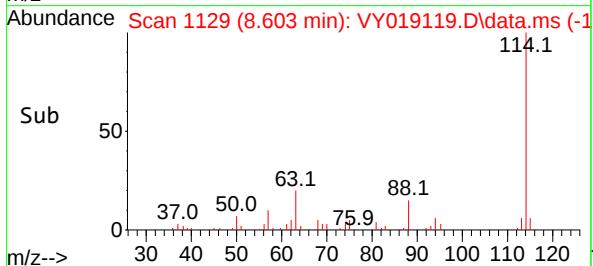
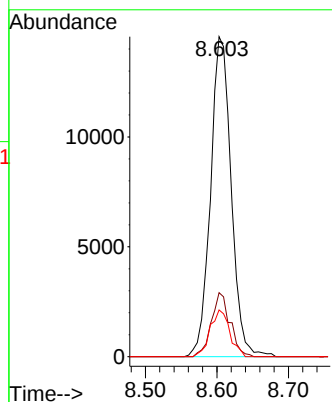
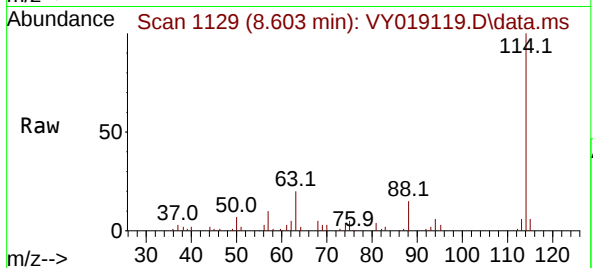
Tgt Ion:114 Resp: 29209

Ion Ratio Lower Upper

114 100

63 20.0 0.0 35.0

88 14.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 47.517 ug/l

RT: 7.622 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY019119.D

Acq: 19 Aug 2024 16:04

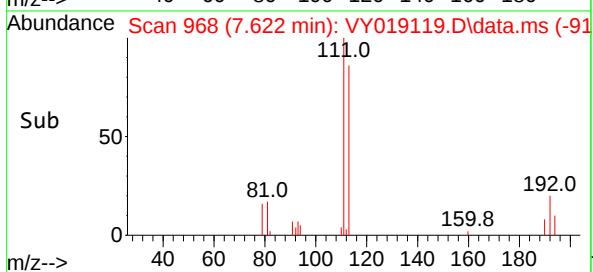
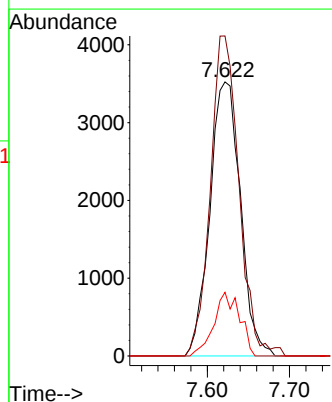
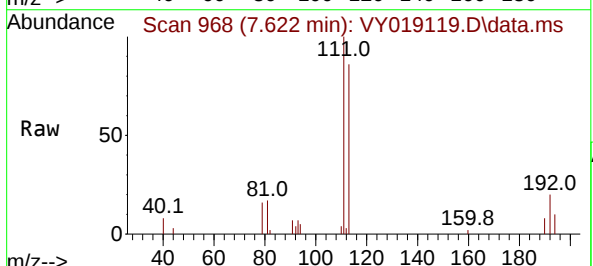
Tgt Ion:113 Resp: 9075

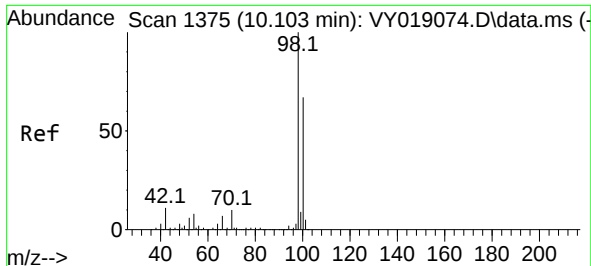
Ion Ratio Lower Upper

113 100

111 109.5 82.2 123.4

192 19.7 15.9 23.9

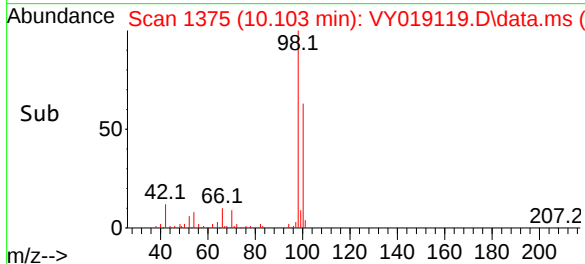
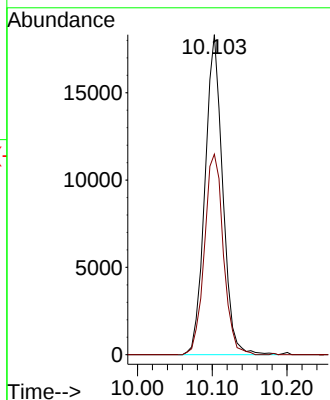
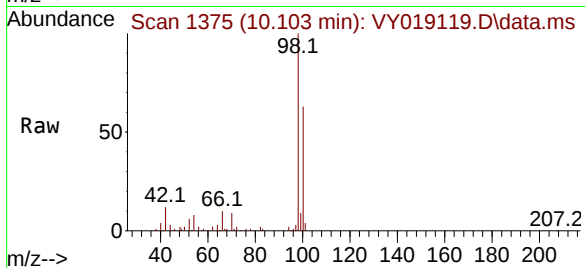




#50
Toluene-d8
Concen: 43.833 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY019119.D
Acq: 19 Aug 2024 16:04

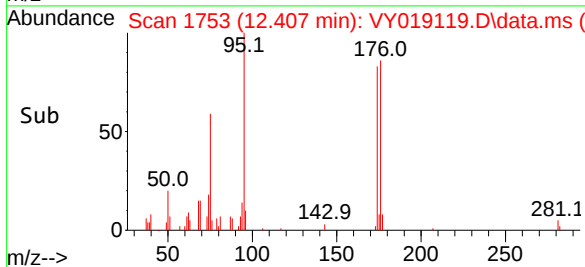
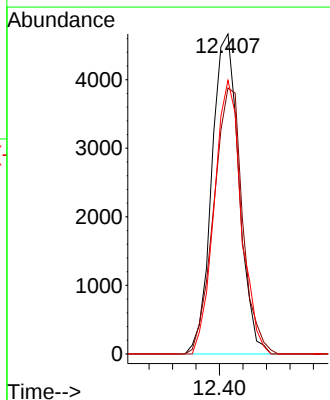
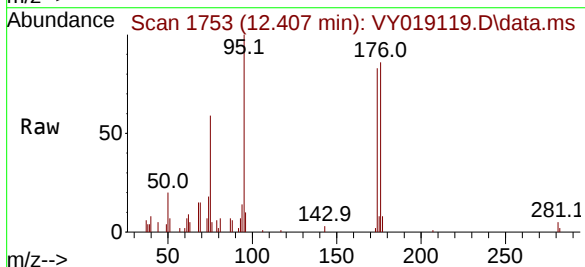
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JC-03-081324-B

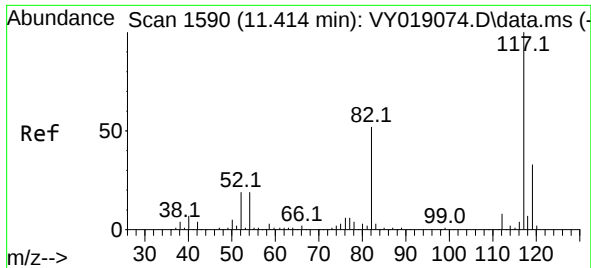
Tgt Ion: 98 Resp: 30126
Ion Ratio Lower Upper
98 100
100 67.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 31.930 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019119.D
Acq: 19 Aug 2024 16:04

Tgt Ion: 95 Resp: 7481
Ion Ratio Lower Upper
95 100
174 88.6 0.0 175.6
176 85.1 0.0 171.4

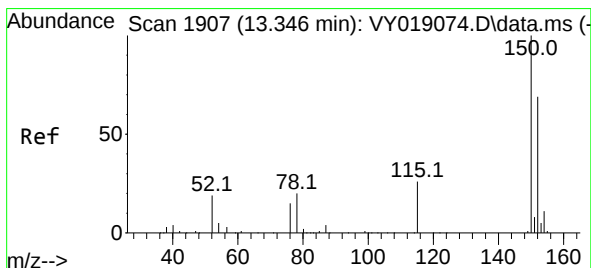
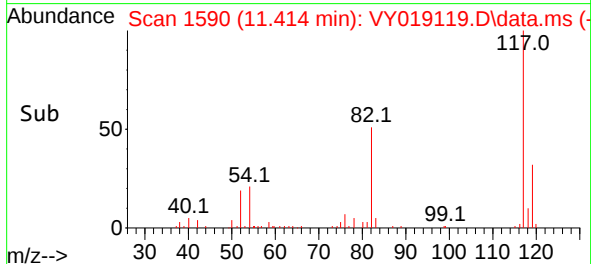
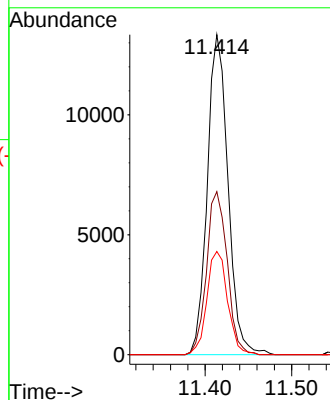
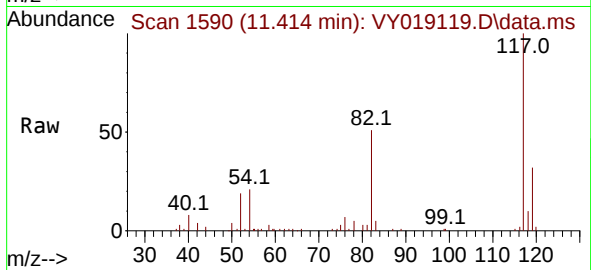




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY019119.D
Acq: 19 Aug 2024 16:04

Instrument :
MSVOA_Y
ClientSampleId :
JC-03-081324-B

Tgt Ion:117 Resp: 22134
Ion Ratio Lower Upper
117 100
82 50.9 42.4 63.6
119 32.3 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY019119.D
Acq: 19 Aug 2024 16:04

Tgt Ion:152 Resp: 6570
Ion Ratio Lower Upper
152 100
115 64.7 28.2 84.7
150 169.0 0.0 345.6

