

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082724\
 Data File : VY019315.D
 Acq On : 28 Aug 2024 05:25
 Operator : SY/MD
 Sample : P3660-08
 Misc : 8.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-906-J-0.5-1-081624

Quant Time: Aug 28 05:53:50 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	7.707	168	73748	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.609	114	158864	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	157234	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	58422	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	43198	58.434	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.860%
35) Dibromofluoromethane	7.628	113	44781	43.111	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.220%
50) Toluene-d8	10.103	98	191443	51.214	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.420%
62) 4-Bromofluorobenzene	12.408	95	56251	44.142	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	88.280%

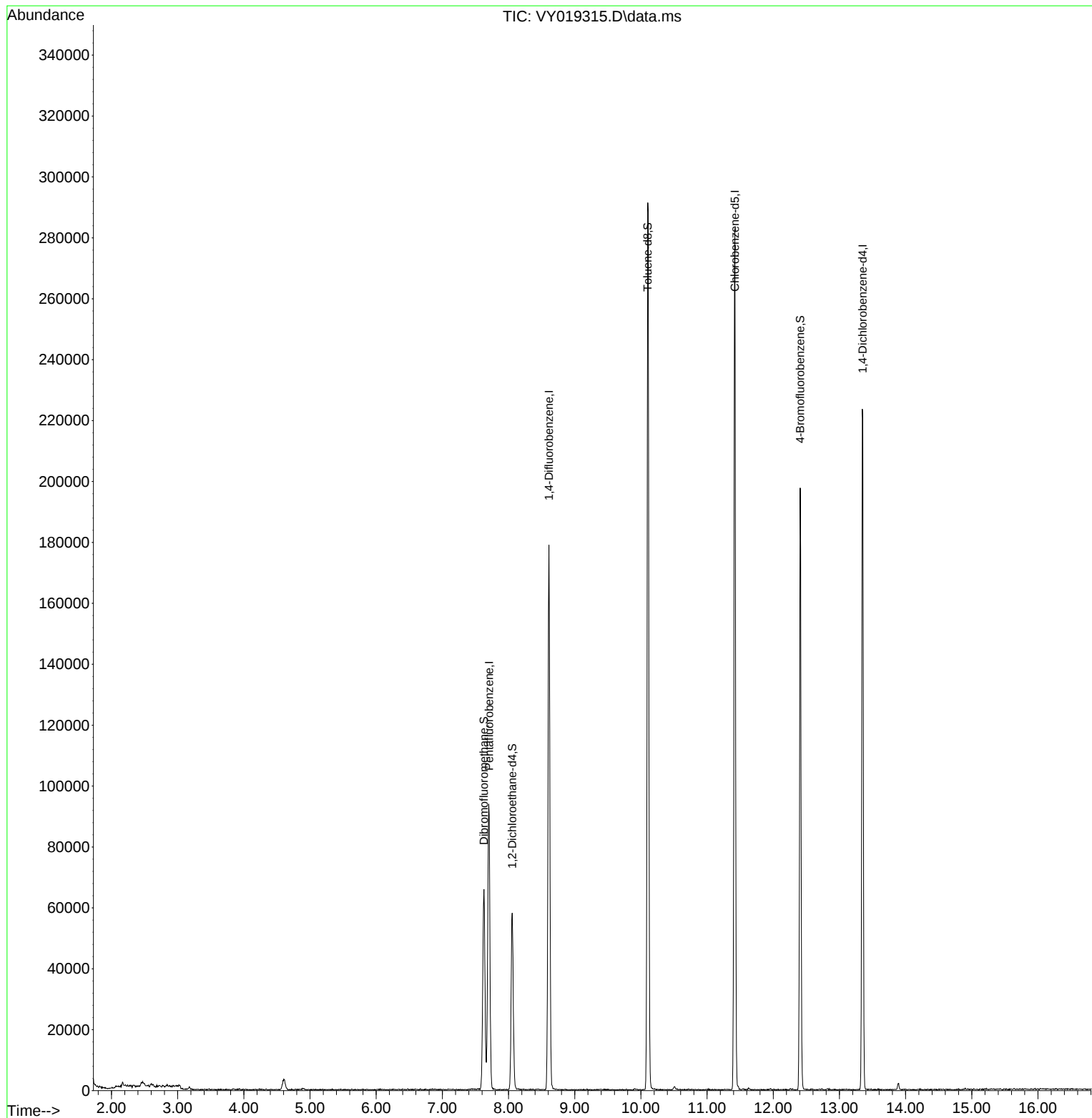
Target Compounds	Qvalue

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

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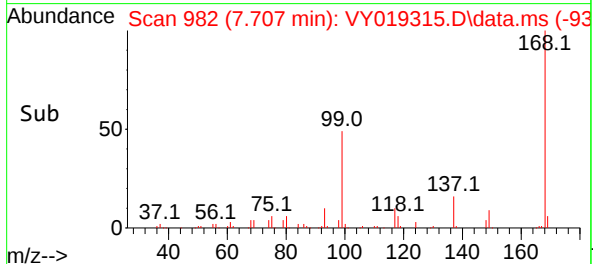
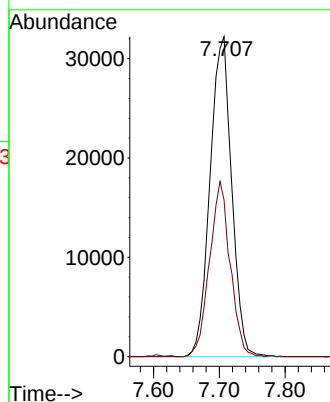
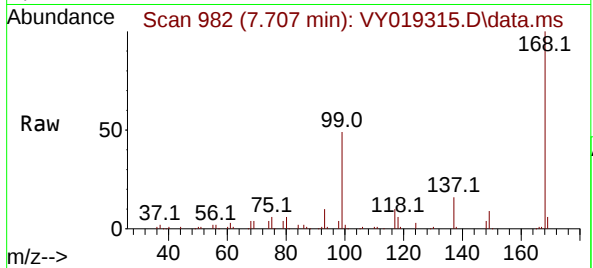




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY019315.D
Acq: 28 Aug 2024 05:25

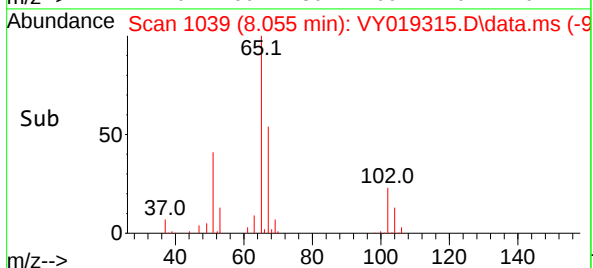
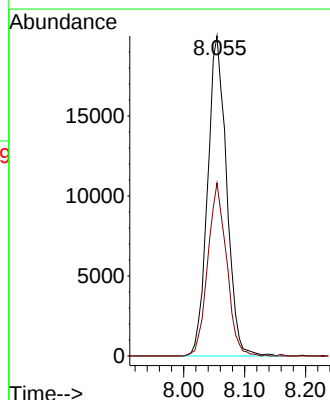
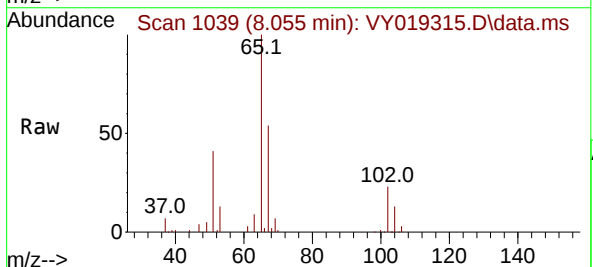
Instrument :
MSVOA_Y
ClientSampleId :
S-906-J-0.5-1-081624

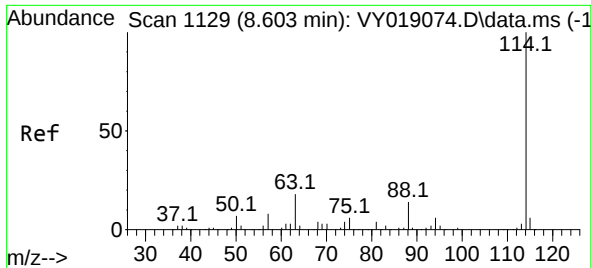
Tgt Ion:168 Resp: 73748
Ion Ratio Lower Upper
168 100
99 48.9 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 58.434 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY019315.D
Acq: 28 Aug 2024 05:25

Tgt Ion: 65 Resp: 43198
Ion Ratio Lower Upper
65 100
67 53.7 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY019315.D

Acq: 28 Aug 2024 05:25

Instrument :

MSVOA_Y

ClientSampleId :

S-906-J-0.5-1-081624

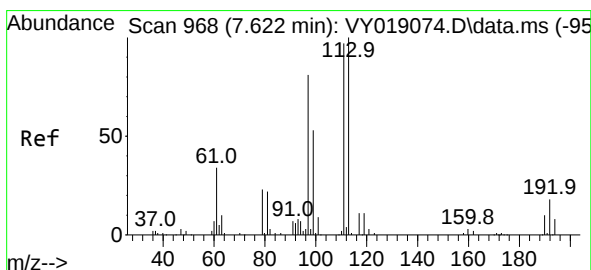
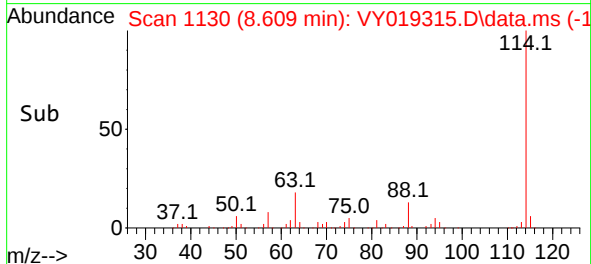
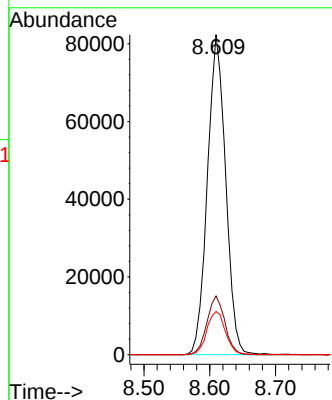
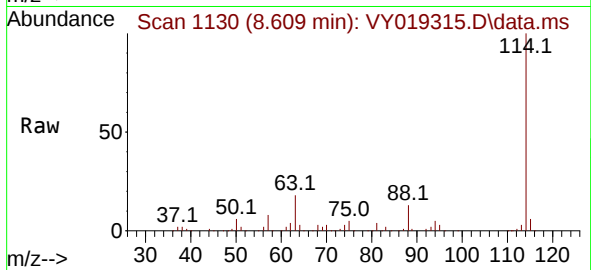
Tgt Ion:114 Resp: 158864

Ion Ratio Lower Upper

114 100

63 18.3 0.0 35.0

88 13.5 0.0 27.2



#35

Dibromofluoromethane

Concen: 43.111 ug/l

RT: 7.628 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY019315.D

Acq: 28 Aug 2024 05:25

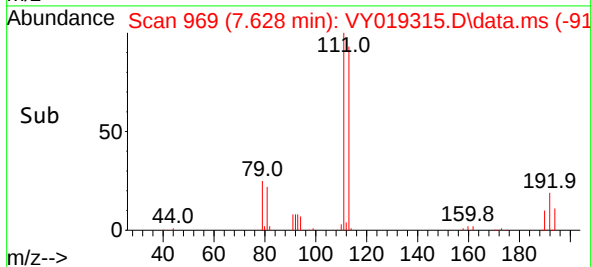
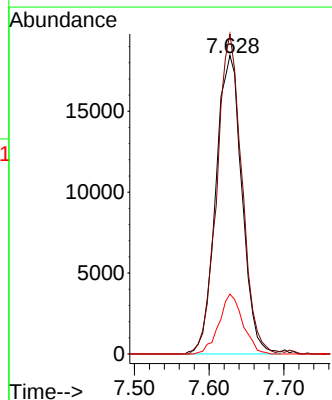
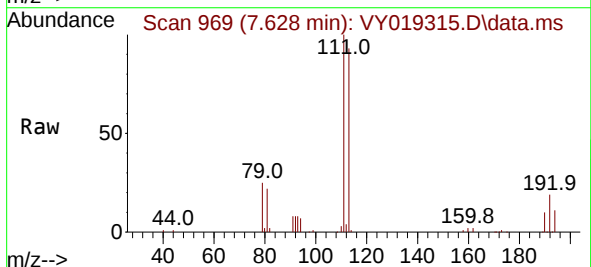
Tgt Ion:113 Resp: 44781

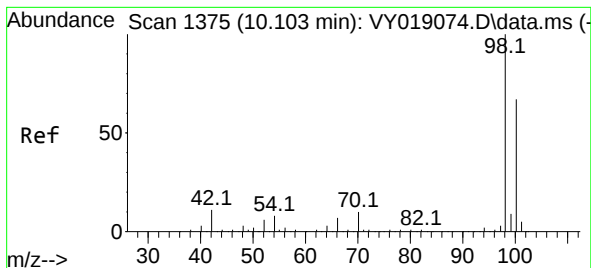
Ion Ratio Lower Upper

113 100

111 102.8 82.2 123.4

192 18.3 15.9 23.9





#50

Toluene-d8

Concen: 51.214 ug/l

RT: 10.103 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019315.D

Acq: 28 Aug 2024 05:25

Instrument :

MSVOA_Y

ClientSampleId :

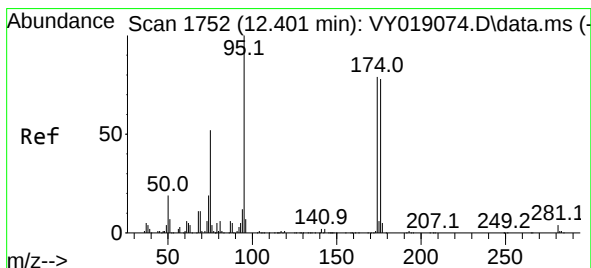
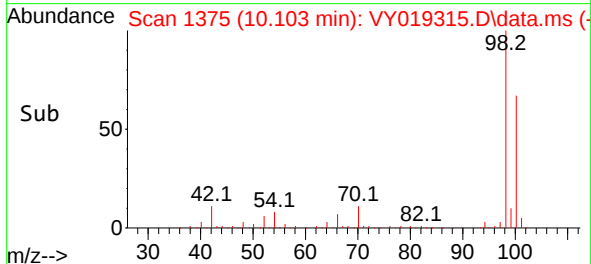
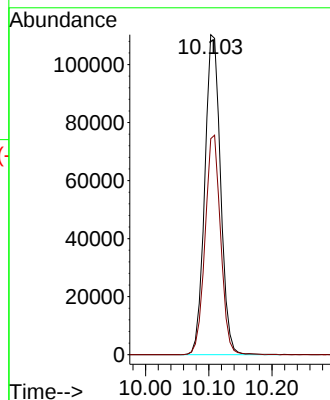
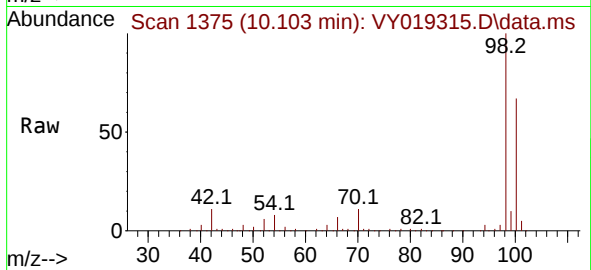
S-906-J-0.5-1-081624

Tgt Ion: 98 Resp: 191443

Ion Ratio Lower Upper

98 100

100 67.6 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 44.142 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY019315.D

Acq: 28 Aug 2024 05:25

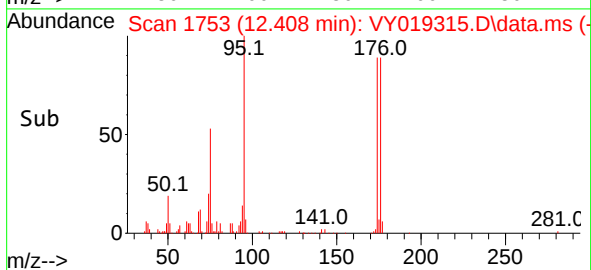
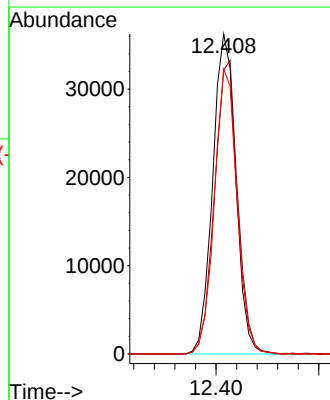
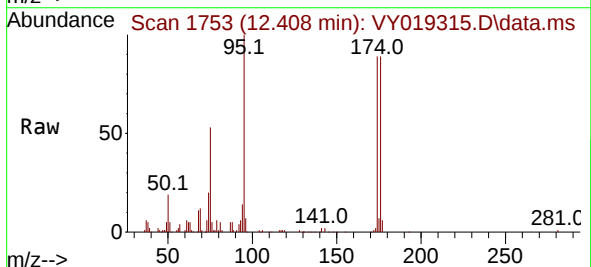
Tgt Ion: 95 Resp: 56251

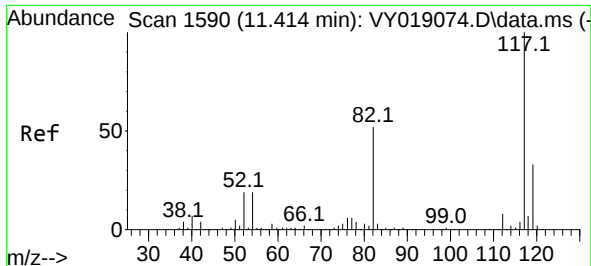
Ion Ratio Lower Upper

95 100

174 92.5 0.0 175.6

176 88.0 0.0 171.4

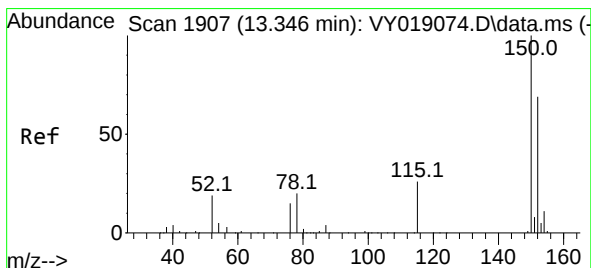
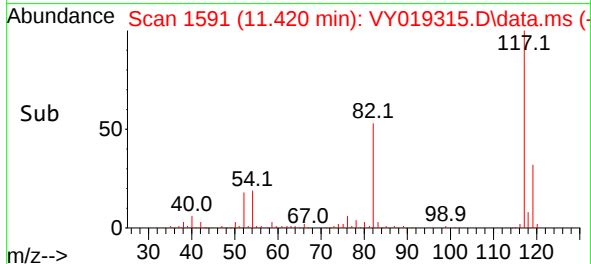
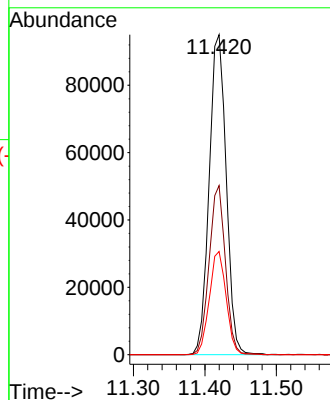
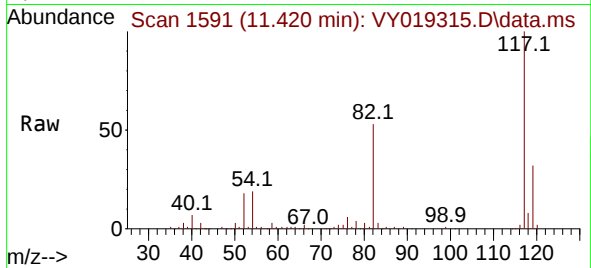




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019315.D
Acq: 28 Aug 2024 05:25

Instrument :
MSVOA_Y
ClientSampleId :
S-906-J-0.5-1-081624

Tgt Ion:117 Resp: 157234
Ion Ratio Lower Upper
117 100
82 52.9 42.4 63.6
119 32.3 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY019315.D
Acq: 28 Aug 2024 05:25

Tgt Ion:152 Resp: 58422
Ion Ratio Lower Upper
152 100
115 55.8 28.2 84.7
150 157.1 0.0 345.6

