

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082824\
 Data File : VY019330.D
 Acq On : 28 Aug 2024 15:11
 Operator : SY/MD
 Sample : P3660-01
 Misc : 5.65g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-901-J-0-0.5-081624

Quant Time: Aug 29 01:34:41 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	7.701	168	125066	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.604	114	219161	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	150717	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	65856	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	66228	52.827	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.660%	
35) Dibromofluoromethane	7.622	113	68663	47.915	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 95.840%	
50) Toluene-d8	10.103	98	249945	48.468	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 96.940%	
62) 4-Bromofluorobenzene	12.408	95	62730	35.683	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 71.360%	

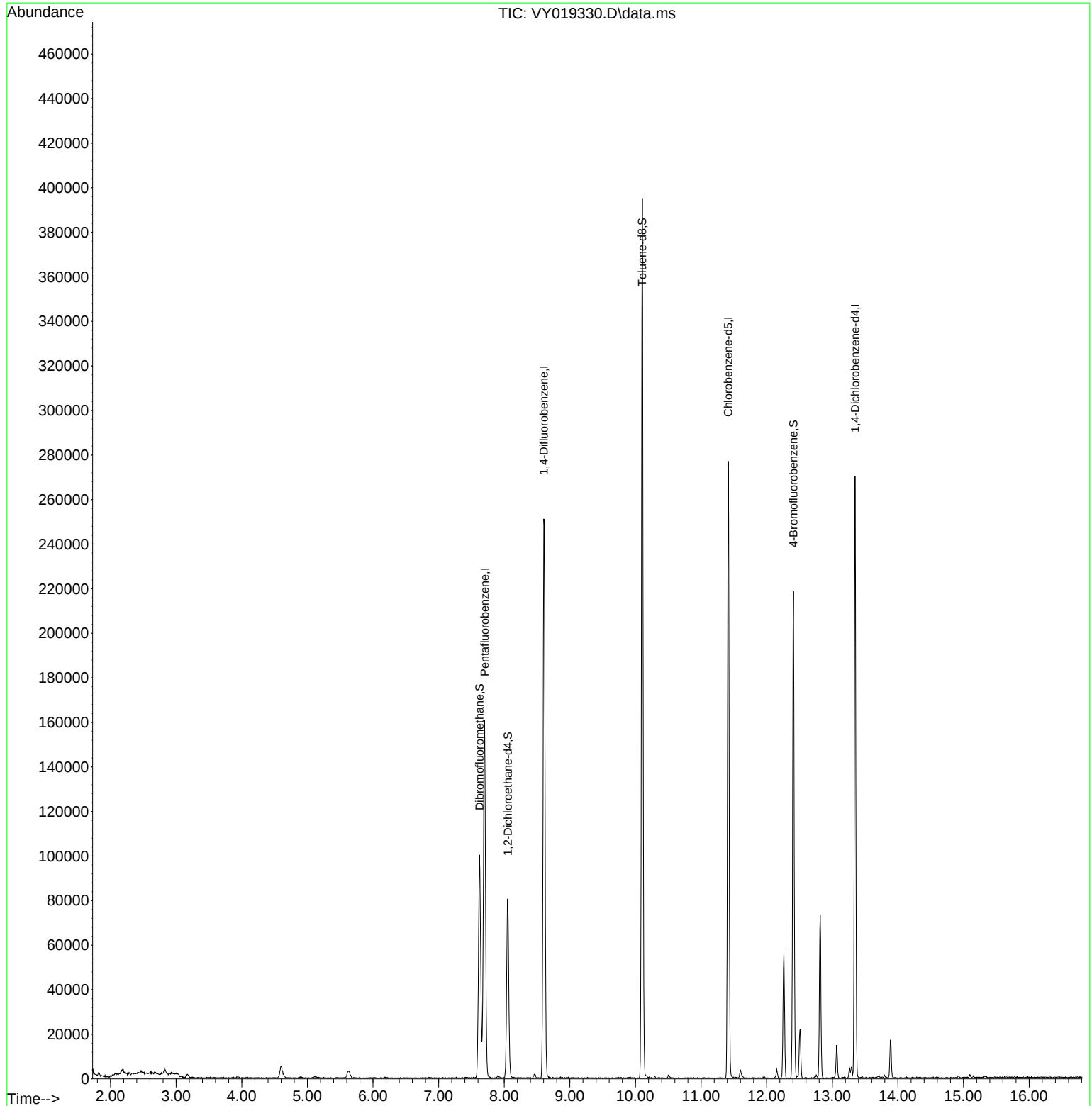
Target Compounds	Qvalue

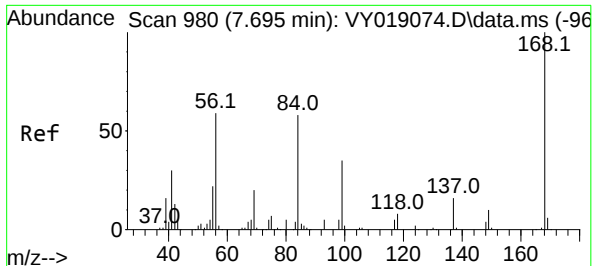
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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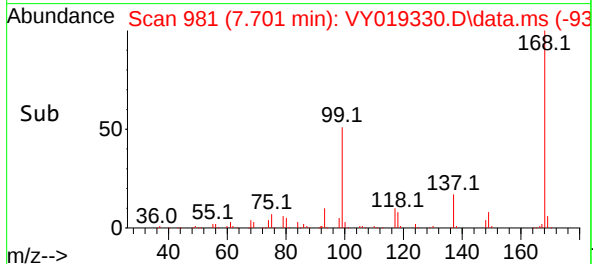
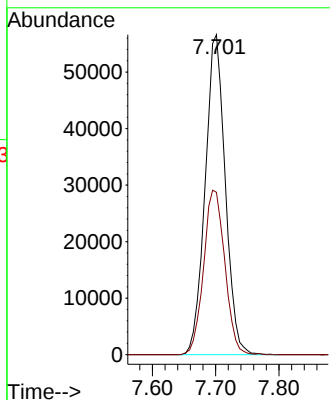
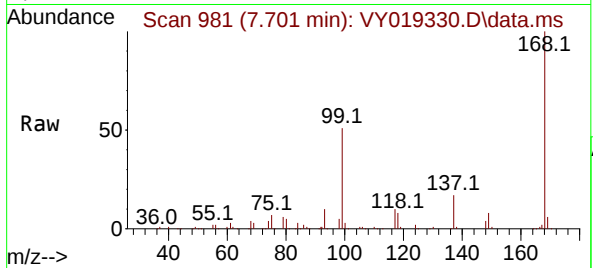




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY019330.D
Acq: 28 Aug 2024 15:11

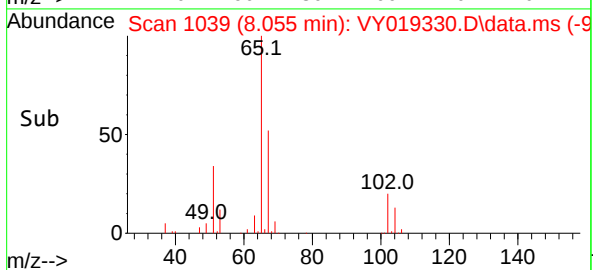
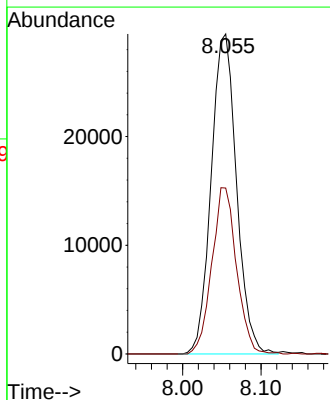
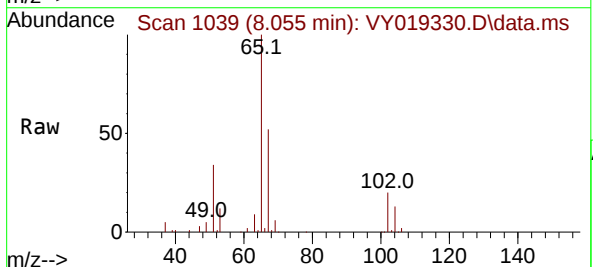
Instrument :
MSVOA_Y
ClientSampleId :
S-901-J-0-0.5-081624

Tgt Ion:168 Resp: 125066
Ion Ratio Lower Upper
168 100
99 50.8 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 52.827 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY019330.D
Acq: 28 Aug 2024 15:11

Tgt Ion: 65 Resp: 66228
Ion Ratio Lower Upper
65 100
67 50.6 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.604 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VY019330.D

Acq: 28 Aug 2024 15:11

Instrument :

MSVOA_Y

ClientSampleId :

S-901-J-0-0.5-081624

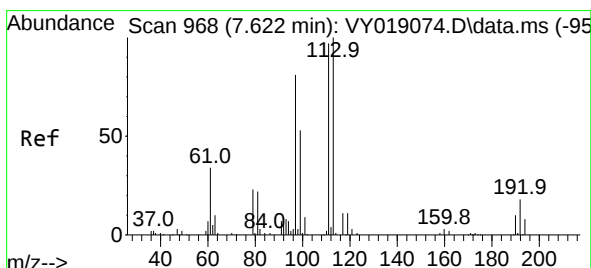
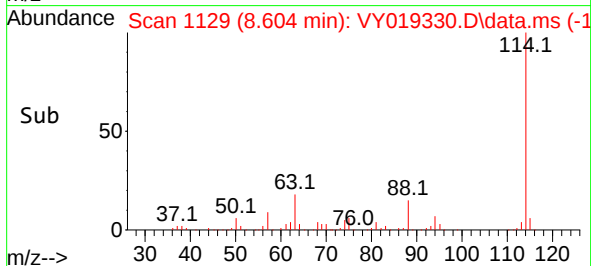
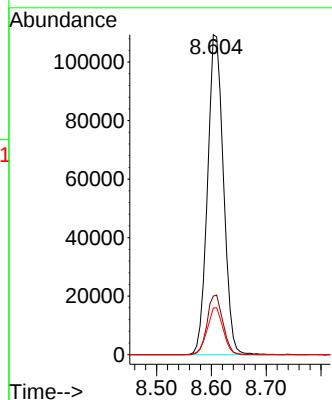
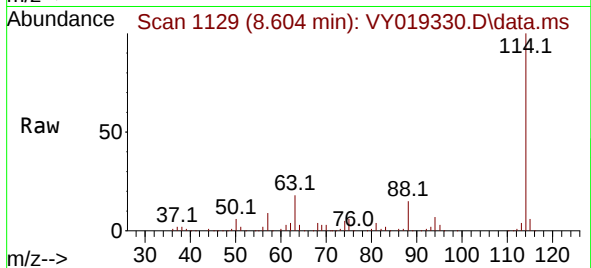
Tgt Ion:114 Resp: 219161

Ion Ratio Lower Upper

114 100

63 18.3 0.0 35.0

88 14.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 47.915 ug/l

RT: 7.622 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY019330.D

Acq: 28 Aug 2024 15:11

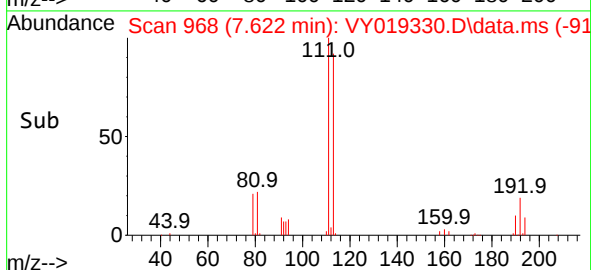
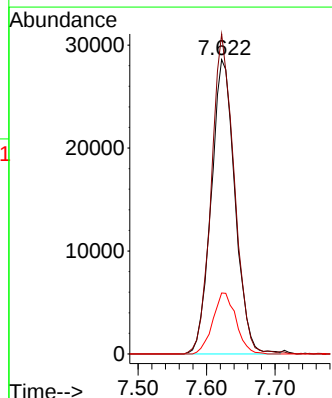
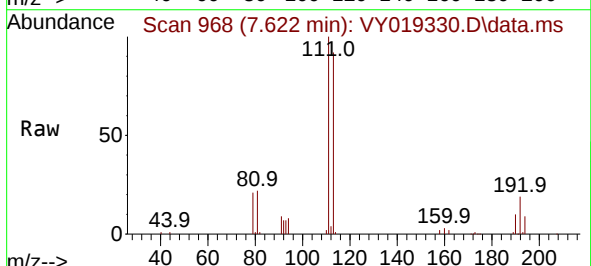
Tgt Ion:113 Resp: 68663

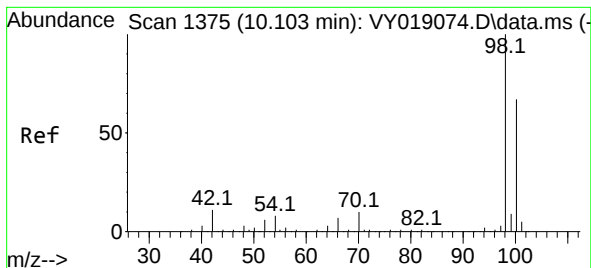
Ion Ratio Lower Upper

113 100

111 105.0 82.2 123.4

192 20.2 15.9 23.9





#50

Toluene-d8

Concen: 48.468 ug/l

RT: 10.103 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019330.D

Acq: 28 Aug 2024 15:11

Instrument :

MSVOA_Y

ClientSampleId :

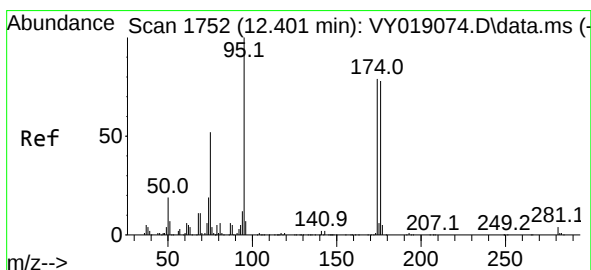
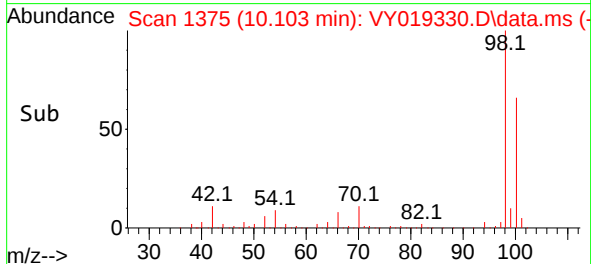
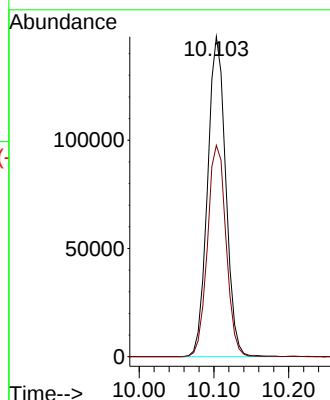
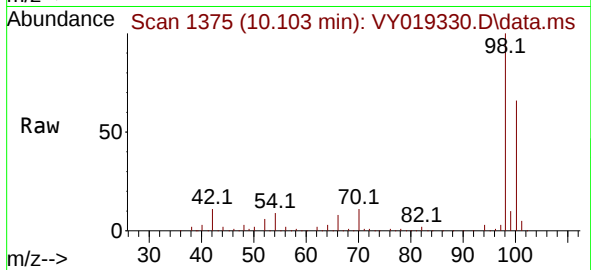
S-901-J-0-0.5-081624

Tgt Ion: 98 Resp: 249945

Ion Ratio Lower Upper

98 100

100 67.6 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 35.683 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY019330.D

Acq: 28 Aug 2024 15:11

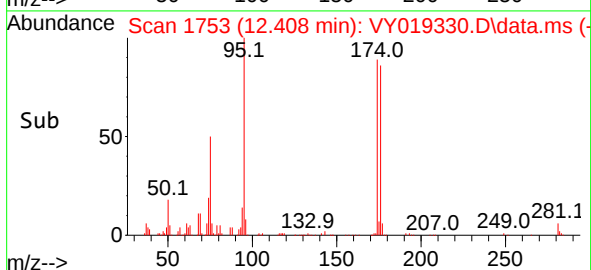
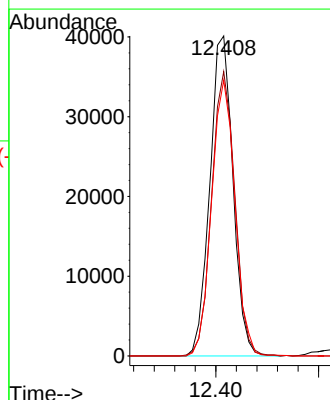
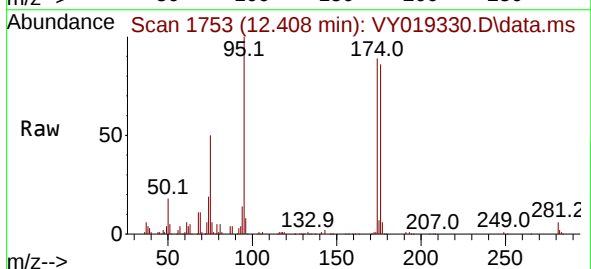
Tgt Ion: 95 Resp: 62730

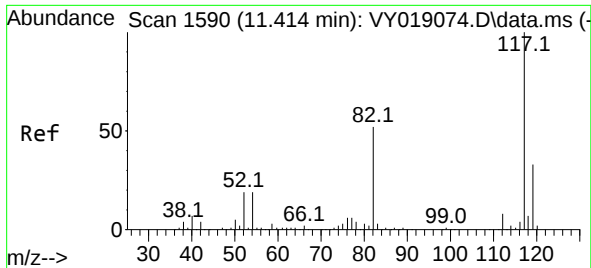
Ion Ratio Lower Upper

95 100

174 89.0 0.0 175.6

176 86.9 0.0 171.4

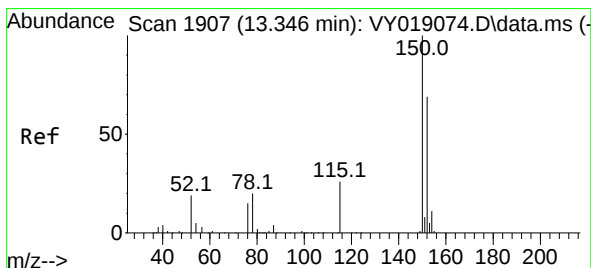
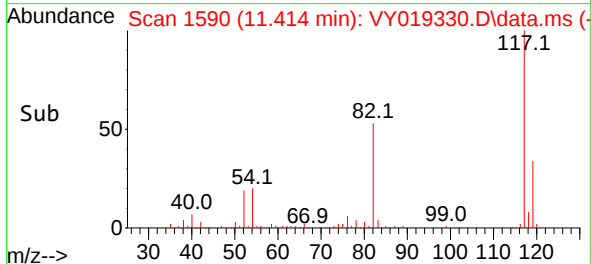
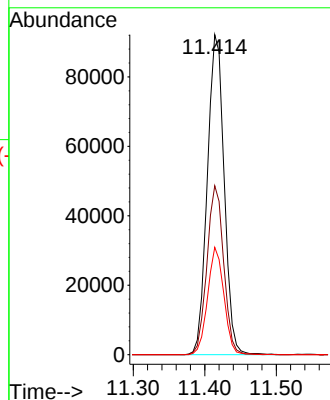
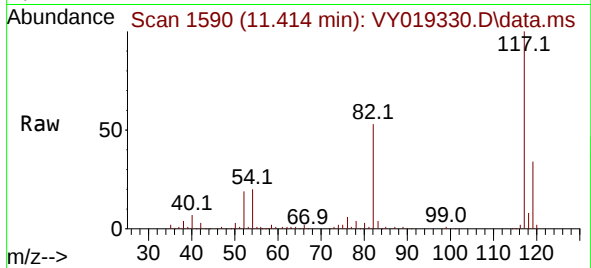




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019330.D
Acq: 28 Aug 2024 15:11

Instrument :
MSVOA_Y
ClientSampleId :
S-901-J-0-0.5-081624

Tgt Ion:117 Resp: 150717
Ion Ratio Lower Upper
117 100
82 52.8 42.4 63.6
119 33.5 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019330.D
Acq: 28 Aug 2024 15:11

Tgt Ion:152 Resp: 65856
Ion Ratio Lower Upper
152 100
115 58.9 28.2 84.7
150 157.1 0.0 345.6

