

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081324\
 Data File : VY019034.D
 Acq On : 13 Aug 2024 17:09
 Operator : SY/MD
 Sample : P3519-21
 Misc : 5.95g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-CF-03-080624

Quant Time: Aug 14 01:39:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 09 04:24:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	55575	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.604	114	96352	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	85299	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	35669	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	26165	53.623	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.240%
35) Dibromofluoromethane	7.622	113	29816	48.451	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.900%
50) Toluene-d8	10.103	98	112816	47.728	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.460%
62) 4-Bromofluorobenzene	12.408	95	29559	42.151	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	84.300%

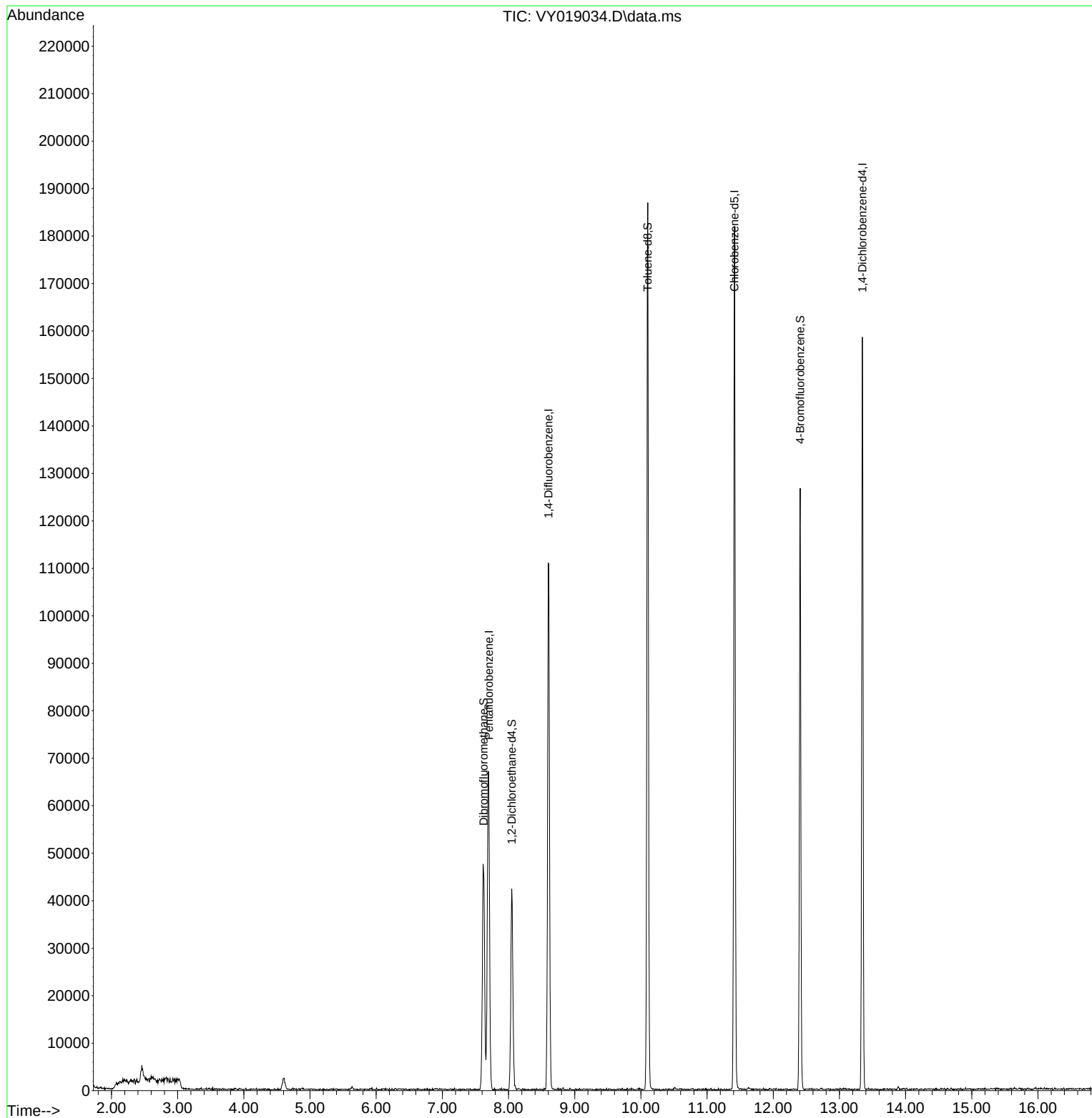
Target Compounds	Qvalue

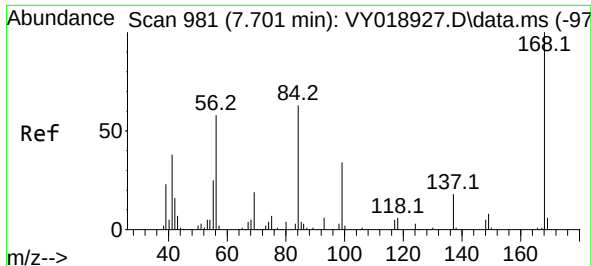
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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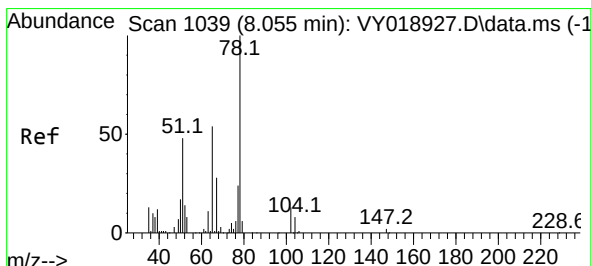
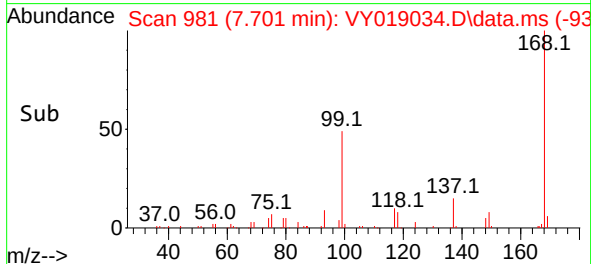
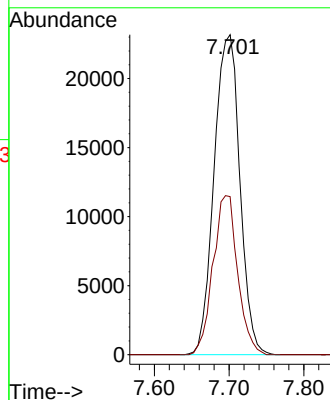
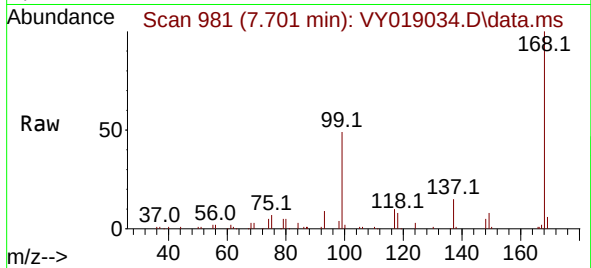




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019034.D
Acq: 13 Aug 2024 17:09

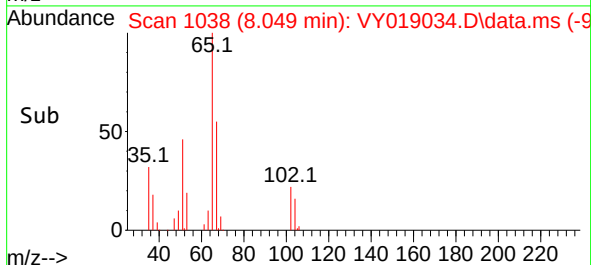
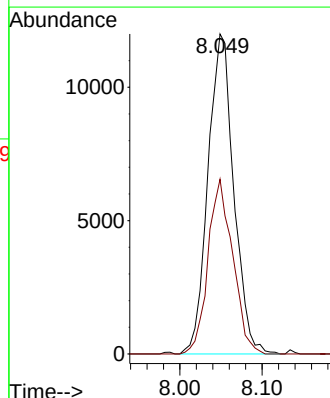
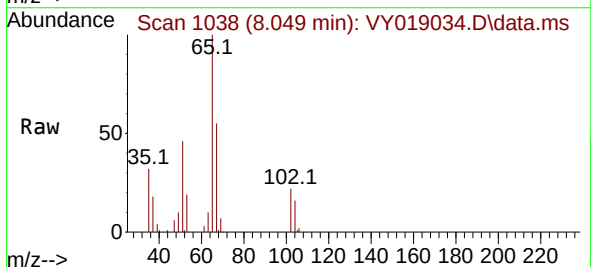
Instrument :
MSVOA_Y
ClientSampleId :
OU4-CF-03-080624

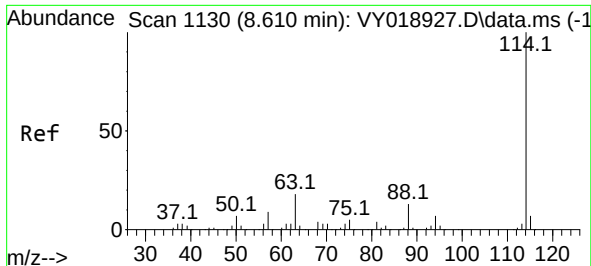
Tgt Ion:168 Resp: 55575
Ion Ratio Lower Upper
168 100
99 49.4 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 53.623 ug/l
RT: 8.049 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY019034.D
Acq: 13 Aug 2024 17:09

Tgt Ion: 65 Resp: 26165
Ion Ratio Lower Upper
65 100
67 52.3 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.604 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VY019034.D

Acq: 13 Aug 2024 17:09

Instrument :

MSVOA_Y

ClientSampleId :

OU4-CF-03-080624

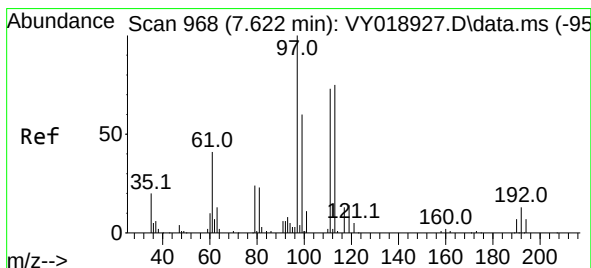
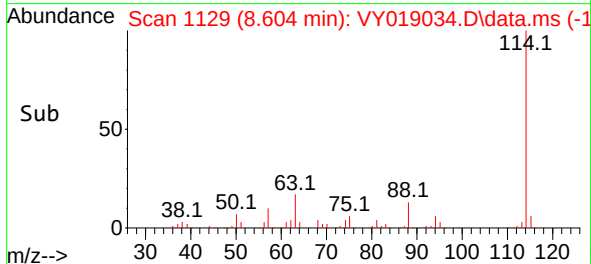
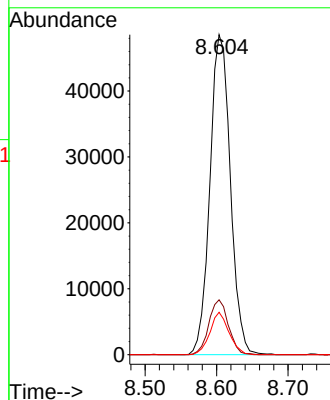
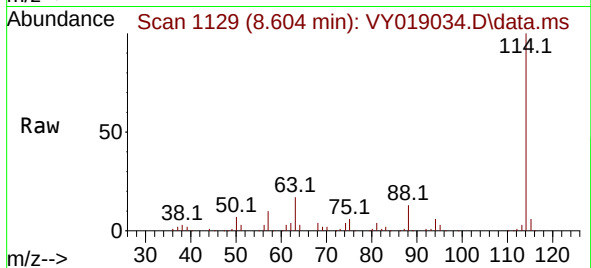
Tgt Ion:114 Resp: 96352

Ion Ratio Lower Upper

114 100

63 17.2 0.0 35.0

88 13.3 0.0 27.2



#35

Dibromofluoromethane

Concen: 48.451 ug/l

RT: 7.622 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY019034.D

Acq: 13 Aug 2024 17:09

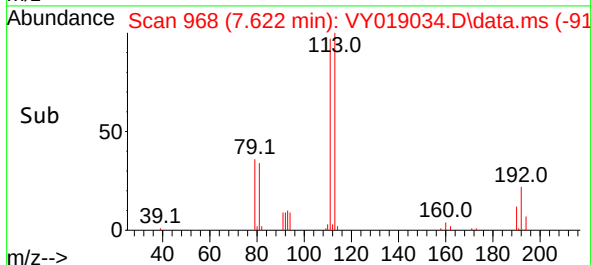
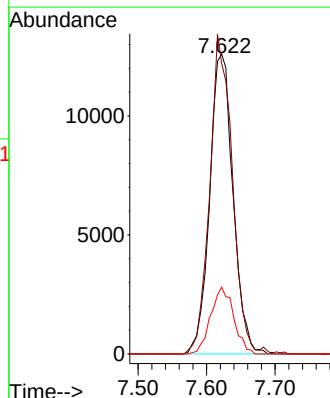
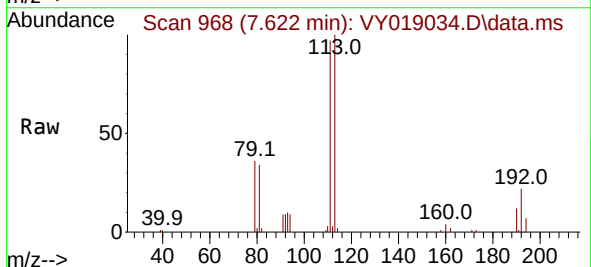
Tgt Ion:113 Resp: 29816

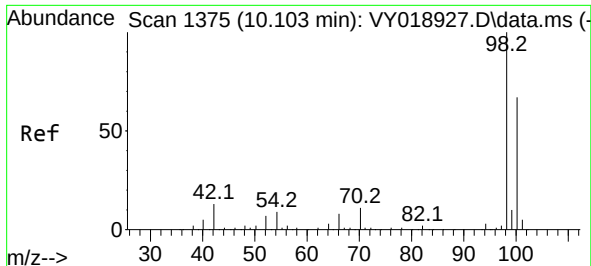
Ion Ratio Lower Upper

113 100

111 102.7 82.2 123.4

192 22.0 15.9 23.9

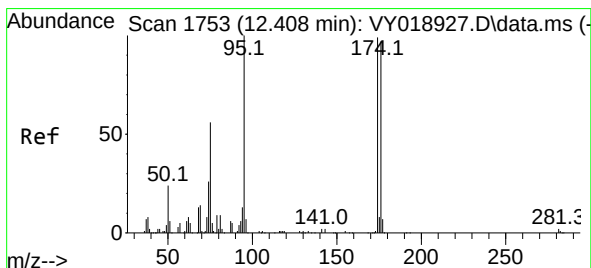
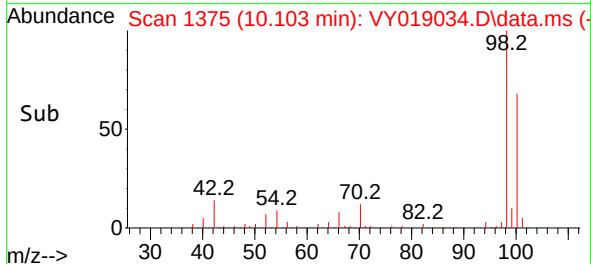
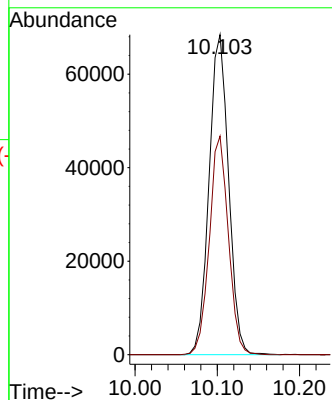
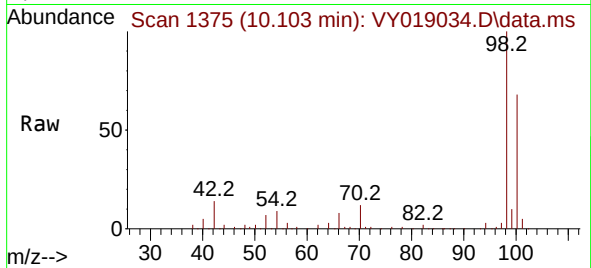




#50
Toluene-d8
Concen: 47.728 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019034.D
Acq: 13 Aug 2024 17:09

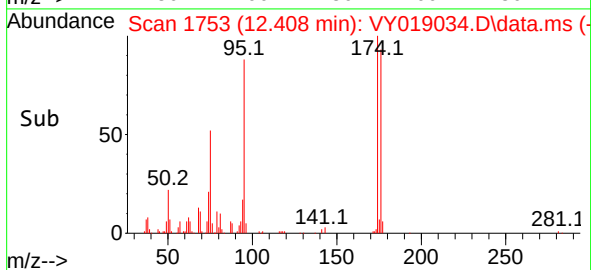
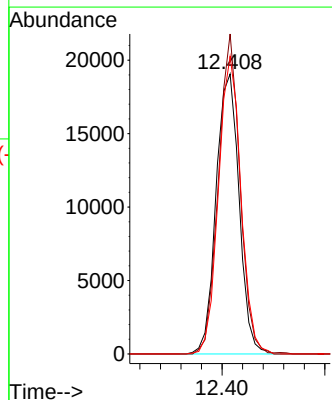
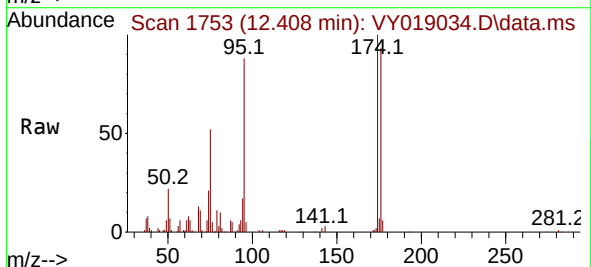
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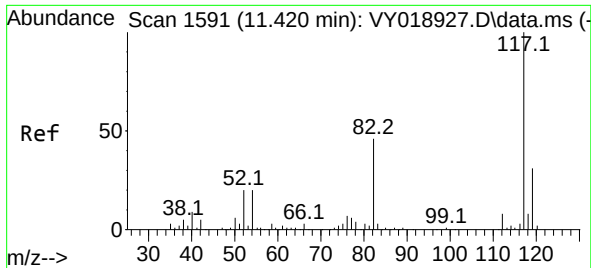
Tgt Ion: 98 Resp: 112816
Ion Ratio Lower Upper
98 100
100 66.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 42.151 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019034.D
Acq: 13 Aug 2024 17:09

Tgt Ion: 95 Resp: 29559
Ion Ratio Lower Upper
95 100
174 107.0 0.0 175.6
176 103.7 0.0 171.4

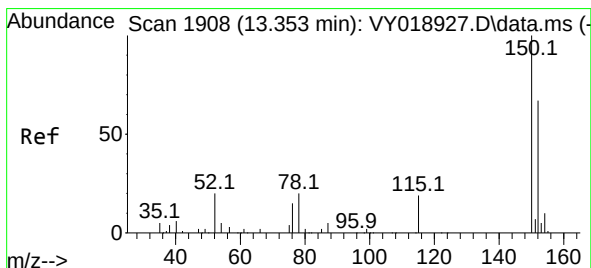
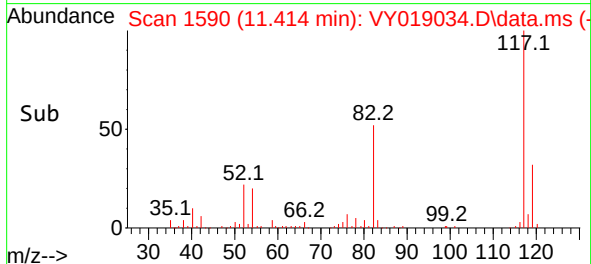
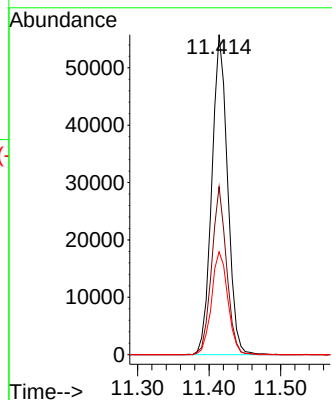
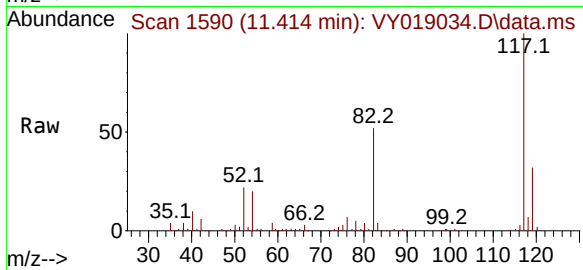




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019034.D
Acq: 13 Aug 2024 17:09

Instrument :
MSVOA_Y
ClientSampleId :
OU4-CF-03-080624

Tgt Ion:	117	Resp:	85299
Ion	Ratio	Lower	Upper
117	100		
82	52.5	42.4	63.6
119	32.1	25.9	38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY019034.D
Acq: 13 Aug 2024 17:09

Tgt Ion:	152	Resp:	35669
Ion	Ratio	Lower	Upper
152	100		
115	50.5	28.2	84.7
150	156.4	0.0	345.6

