

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081624\
 Data File : VY019081.D
 Acq On : 16 Aug 2024 09:37
 Operator : SY/MD
 Sample : VY0816SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0816SBL01

Quant Time: Aug 16 23:09:38 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	105645	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	197941	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	180794	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	68557	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	55679	52.577	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.160%
35) Dibromofluoromethane	7.622	113	62408	48.219	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.440%
50) Toluene-d8	10.103	98	218559	46.925	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.860%
62) 4-Bromofluorobenzene	12.408	95	71555	45.067	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	90.140%

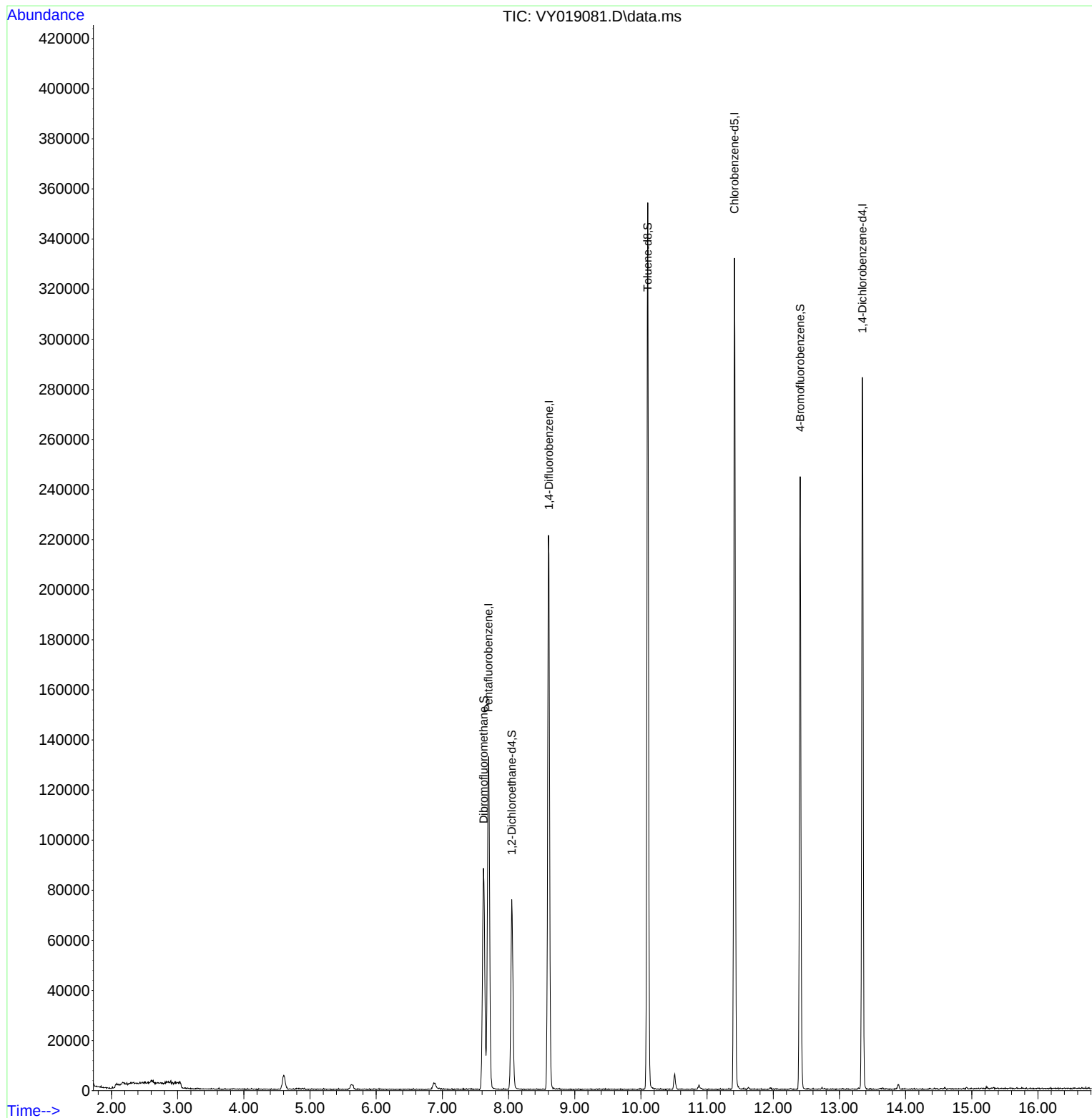
Target Compounds	Qvalue

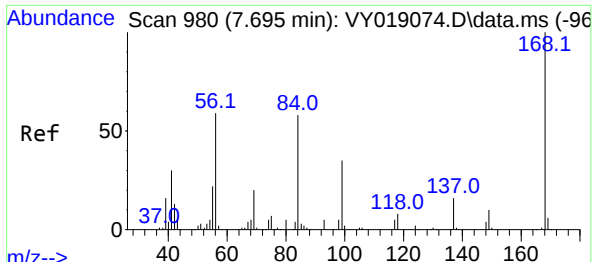
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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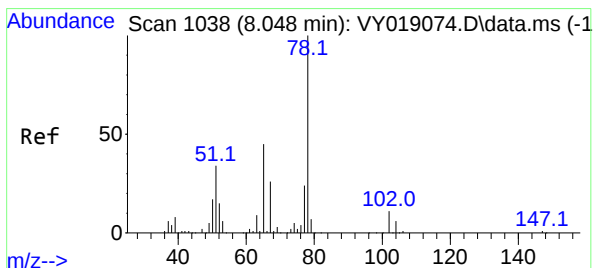
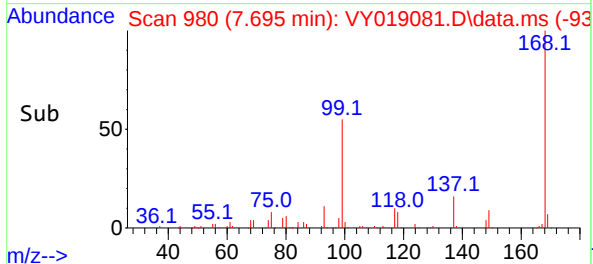
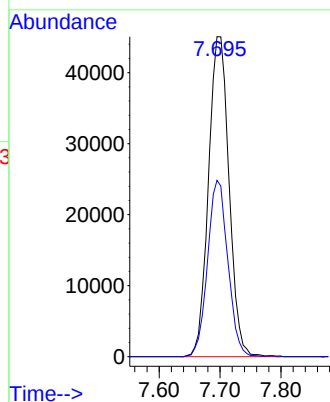
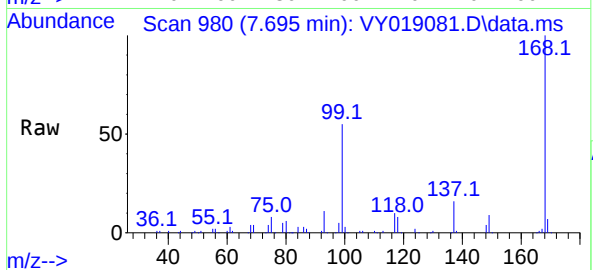




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019081.D
Acq: 16 Aug 2024 09:37

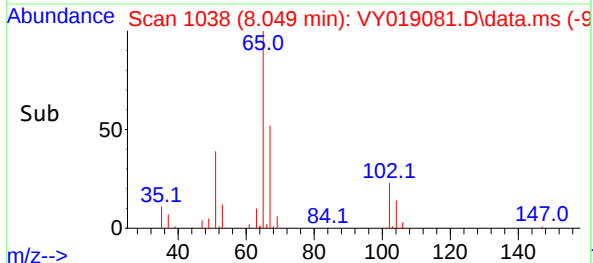
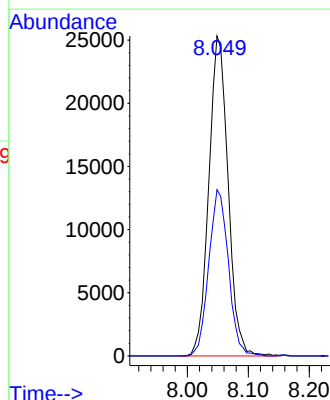
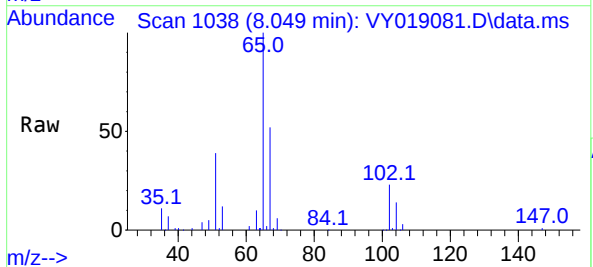
Instrument :
MSVOA_Y
ClientSampleId :
VY0816SBL01

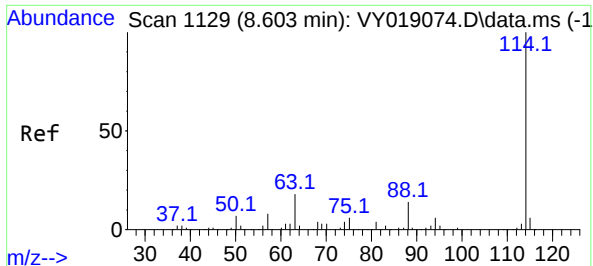
Tgt Ion:168 Resp: 105645
Ion Ratio Lower Upper
168 100
99 55.1 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 52.577 ug/l
RT: 8.049 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY019081.D
Acq: 16 Aug 2024 09:37

Tgt Ion: 65 Resp: 55679
Ion Ratio Lower Upper
65 100
67 53.0 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: VY019081.D

Acq: 16 Aug 2024 09:37

Instrument :

MSVOA_Y

ClientSampleId :

VY0816SBL01

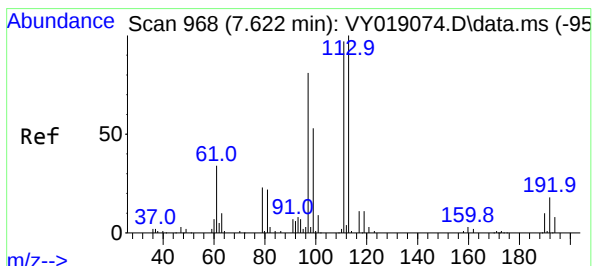
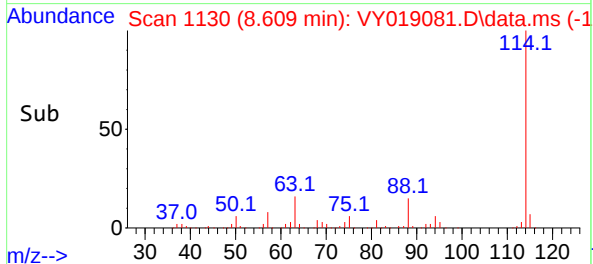
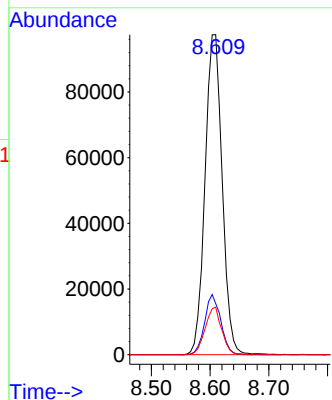
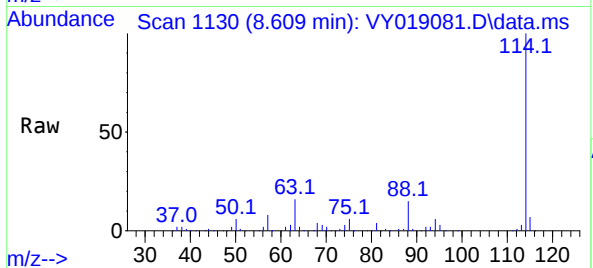
Tgt Ion:114 Resp: 197941

Ion Ratio Lower Upper

114 100

63 15.9 0.0 35.0

88 14.9 0.0 27.2



#35

Dibromofluoromethane

Concen: 48.219 ug/l

RT: 7.622 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY019081.D

Acq: 16 Aug 2024 09:37

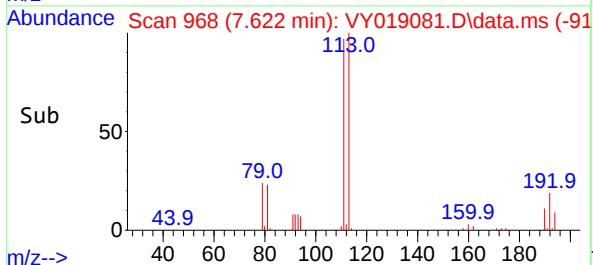
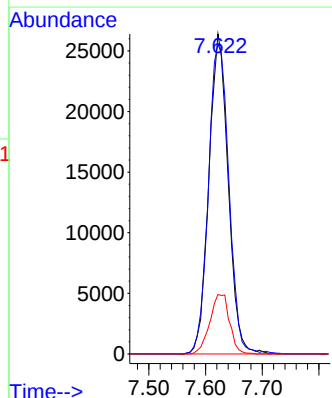
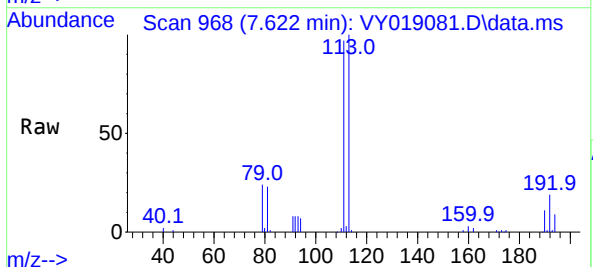
Tgt Ion:113 Resp: 62408

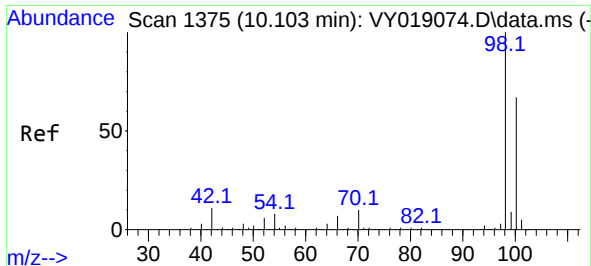
Ion Ratio Lower Upper

113 100

111 102.2 82.2 123.4

192 19.0 15.9 23.9

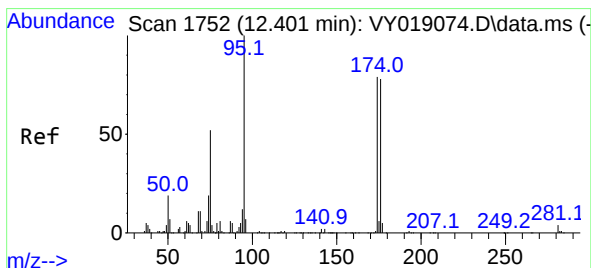
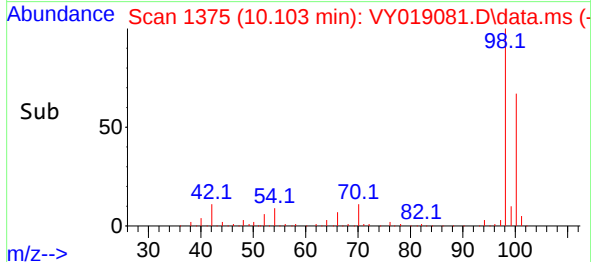
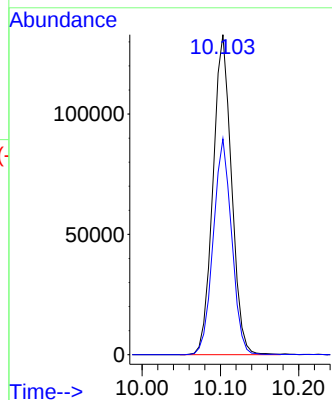
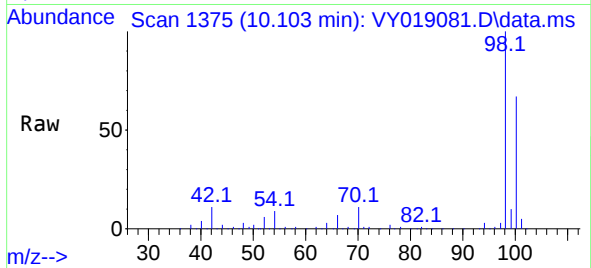




#50
Toluene-d8
Concen: 46.925 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019081.D
Acq: 16 Aug 2024 09:37

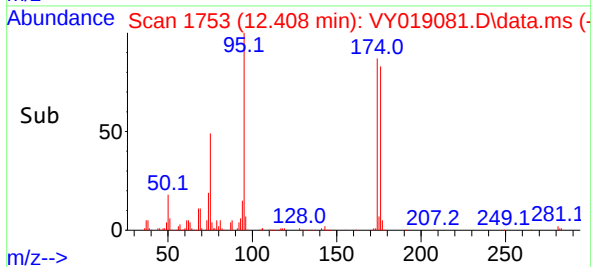
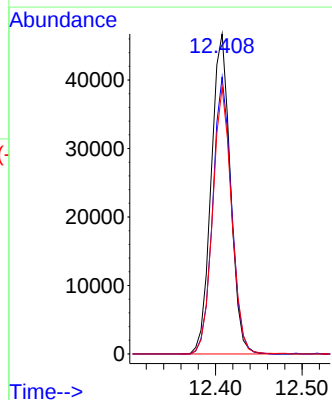
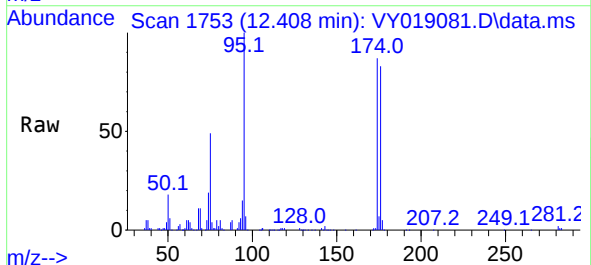
Instrument :
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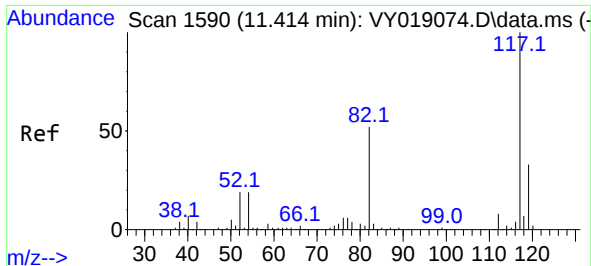
Tgt Ion: 98 Resp: 218559
Ion Ratio Lower Upper
98 100
100 66.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.067 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019081.D
Acq: 16 Aug 2024 09:37

Tgt Ion: 95 Resp: 71555
Ion Ratio Lower Upper
95 100
174 85.1 0.0 175.6
176 82.5 0.0 171.4

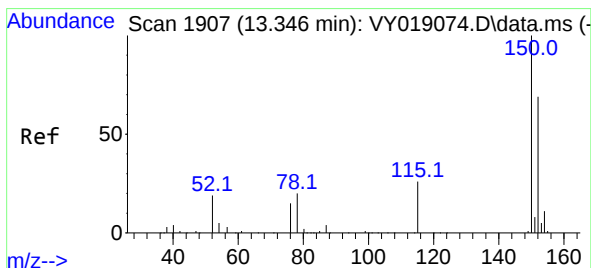
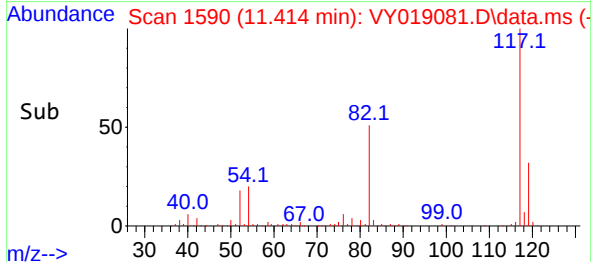
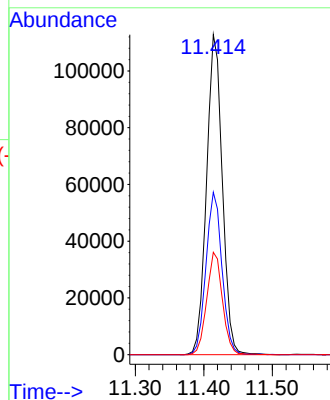
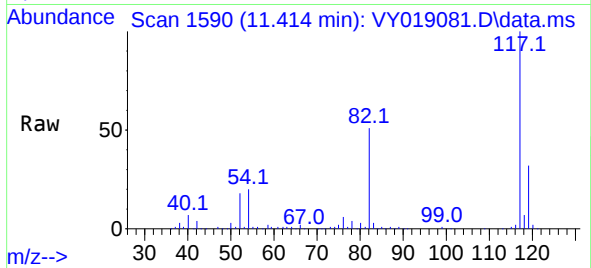




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY019081.D
Acq: 16 Aug 2024 09:37

Instrument :
MSVOA_Y
ClientSampleId :
VY0816SBL01

Tgt Ion:117 Resp: 180794
Ion Ratio Lower Upper
117 100
82 50.7 42.4 63.6
119 32.0 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: VY019081.D
Acq: 16 Aug 2024 09:37

Tgt Ion:152 Resp: 68557
Ion Ratio Lower Upper
152 100
115 59.5 28.2 84.7
150 160.2 0.0 345.6

