

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081224\
 Data File : VY019007.D
 Acq On : 12 Aug 2024 17:12
 Operator : SY/MD
 Sample : P3519-27
 Misc : 6.65g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-CF-06-080624

Quant Time: Aug 13 01:17:33 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	72812	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	119478	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	96785	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	29520	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	40044	62.639	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.280%
35) Dibromofluoromethane	7.628	113	45390	59.482	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	118.960%
50) Toluene-d8	10.103	98	168039	57.330	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	114.660%
62) 4-Bromofluorobenzene	12.408	95	36381	41.837	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.680%

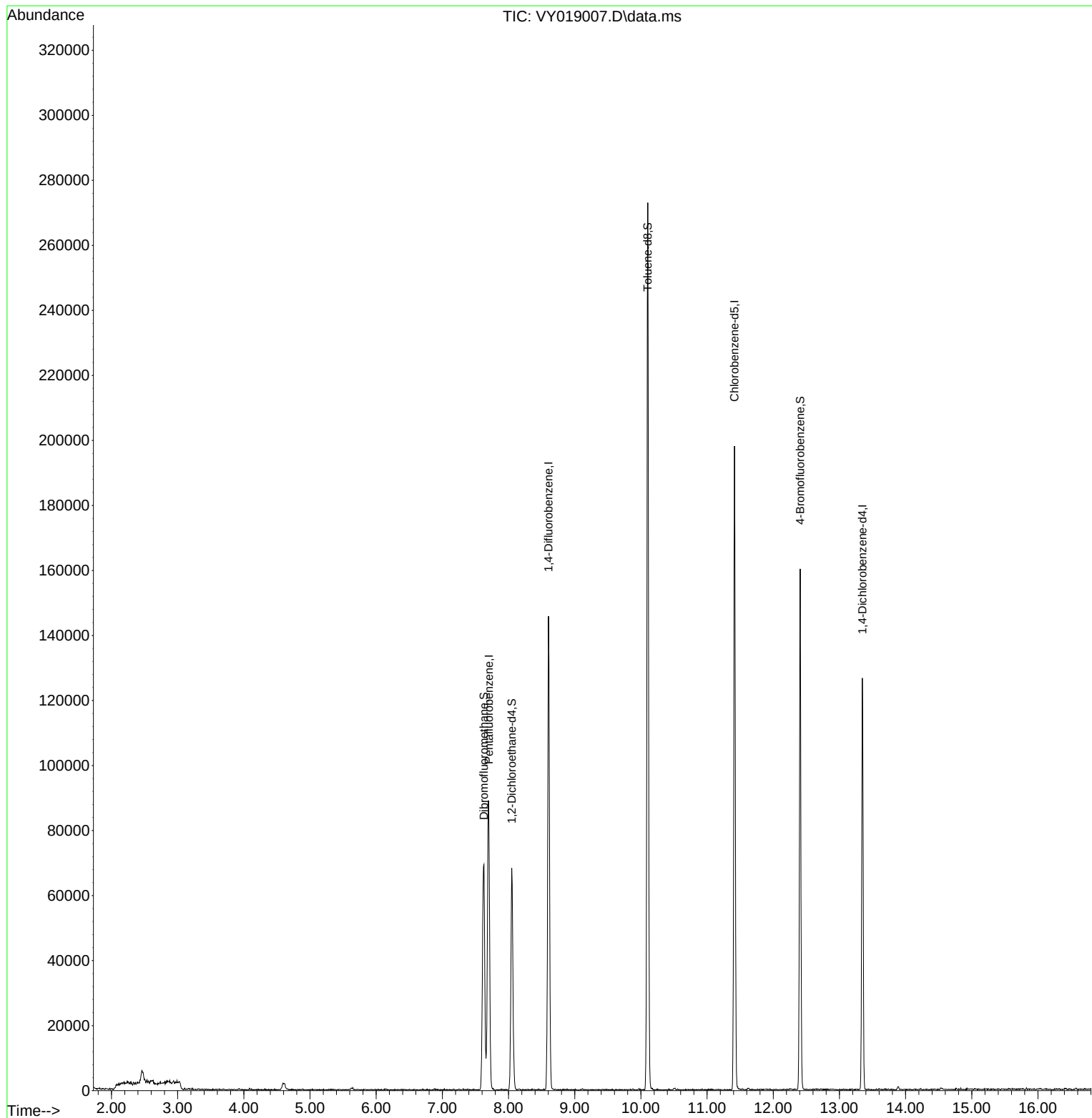
Target Compounds	Qvalue

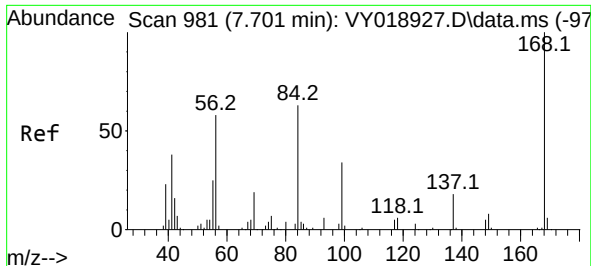
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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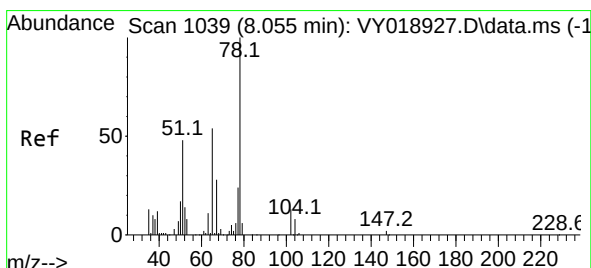
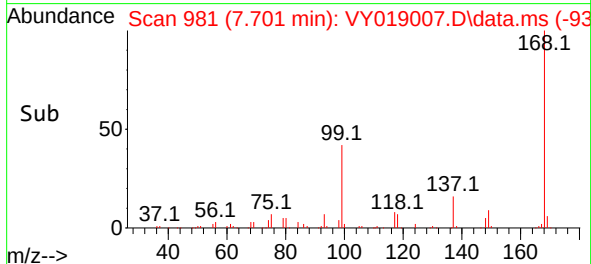
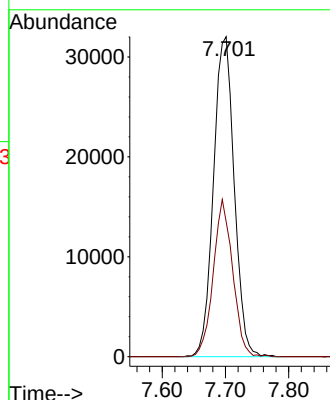
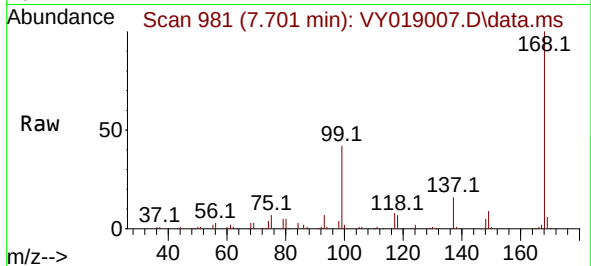




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019007.D
Acq: 12 Aug 2024 17:12

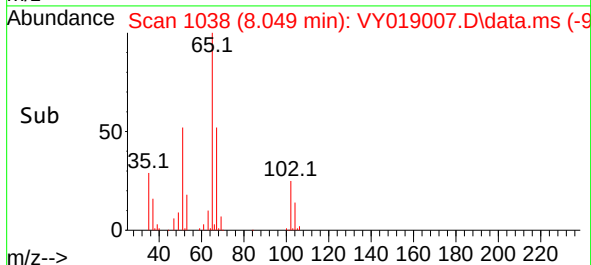
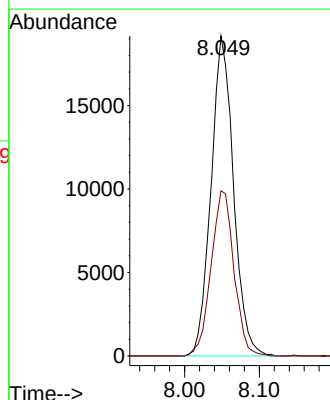
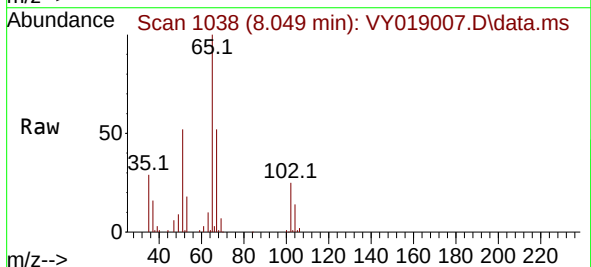
Instrument :
MSVOA_Y
ClientSampleId :
OU4-CF-06-080624

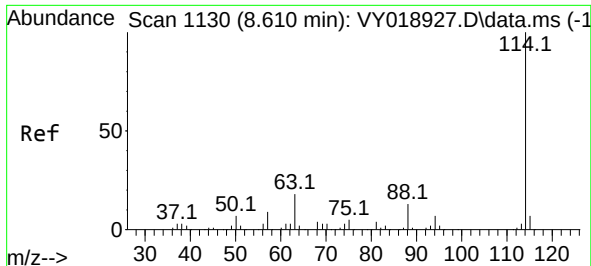
Tgt Ion:168 Resp: 72812
Ion Ratio Lower Upper
168 100
99 42.3 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 62.639 ug/l
RT: 8.049 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY019007.D
Acq: 12 Aug 2024 17:12

Tgt Ion: 65 Resp: 40044
Ion Ratio Lower Upper
65 100
67 52.6 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.603 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VY019007.D

Acq: 12 Aug 2024 17:12

Instrument :

MSVOA_Y

ClientSampleId :

OU4-CF-06-080624

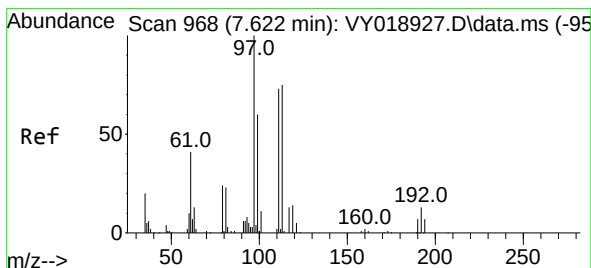
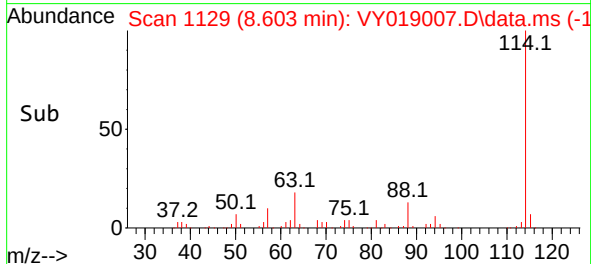
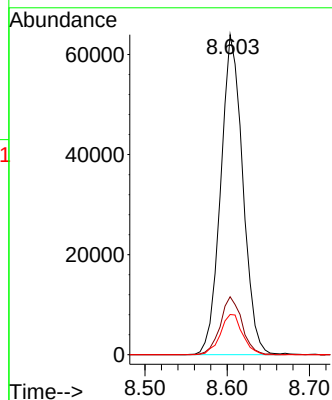
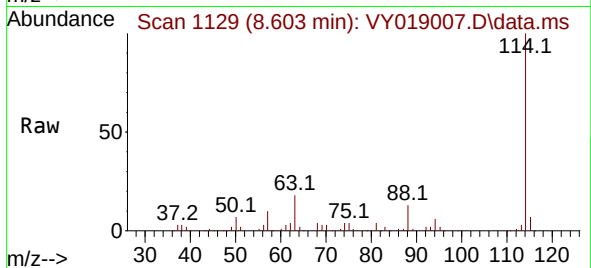
Tgt Ion:114 Resp: 119478

Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.0

88 12.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 59.482 ug/l

RT: 7.628 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY019007.D

Acq: 12 Aug 2024 17:12

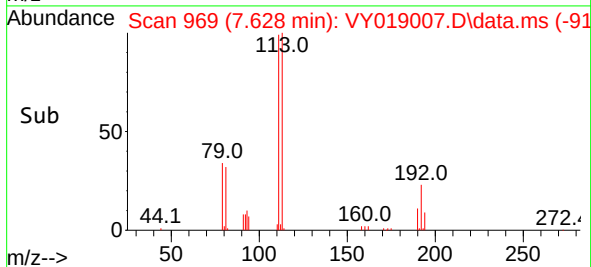
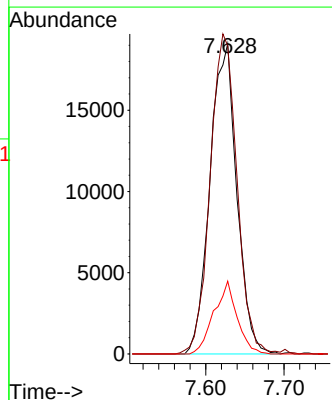
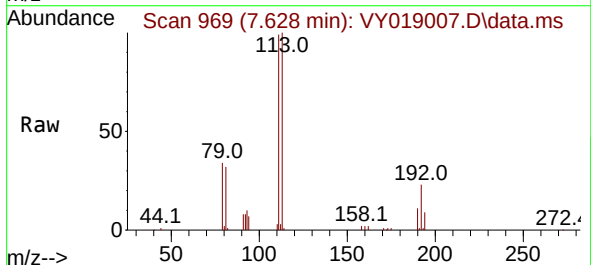
Tgt Ion:113 Resp: 45390

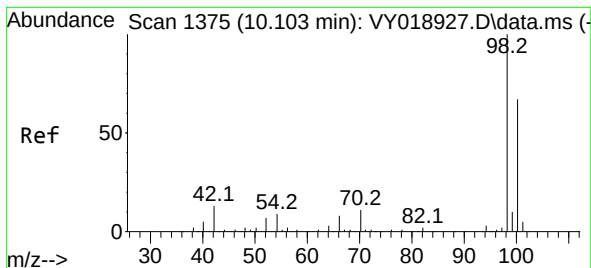
Ion Ratio Lower Upper

113 100

111 103.3 82.2 123.4

192 20.3 15.9 23.9





#50

Toluene-d8

Concen: 57.330 ug/l

RT: 10.103 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY019007.D

Acq: 12 Aug 2024 17:12

Instrument :

MSVOA_Y

ClientSampleId :

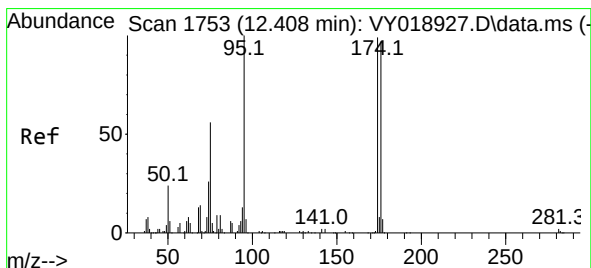
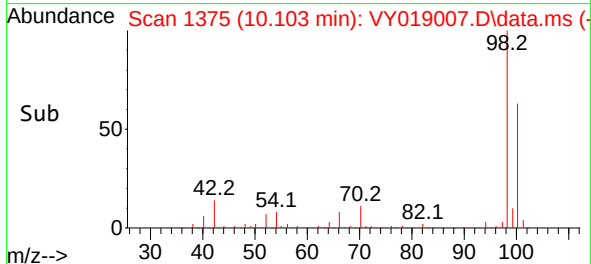
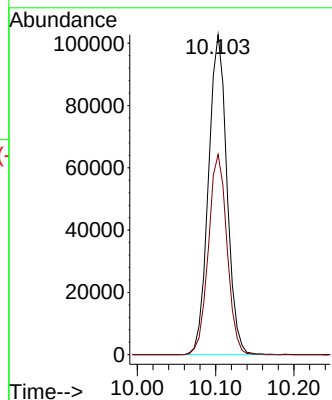
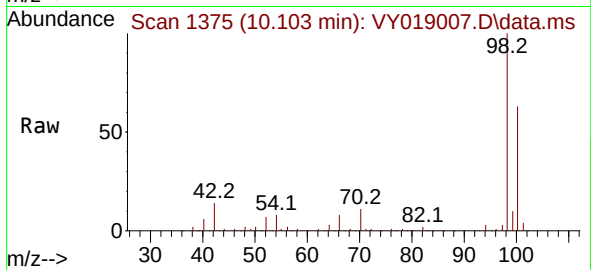
OU4-CF-06-080624

Tgt Ion: 98 Resp: 168039

Ion Ratio Lower Upper

98 100

100 63.0 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 41.837 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.000 min

Lab File: VY019007.D

Acq: 12 Aug 2024 17:12

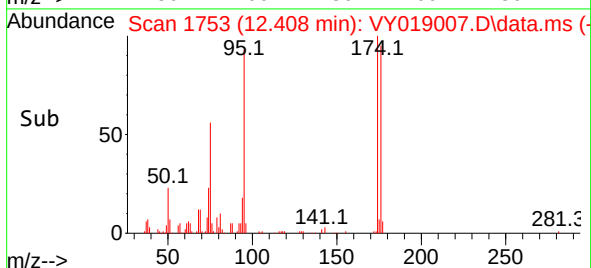
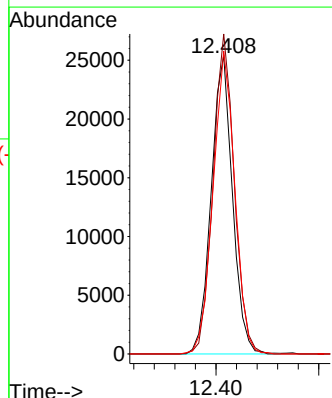
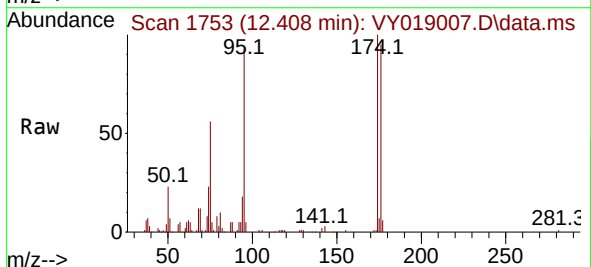
Tgt Ion: 95 Resp: 36381

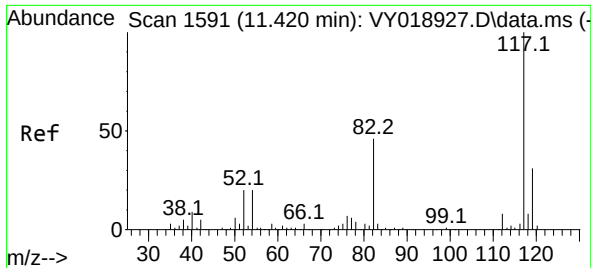
Ion Ratio Lower Upper

95 100

174 107.2 0.0 175.6

176 103.9 0.0 171.4

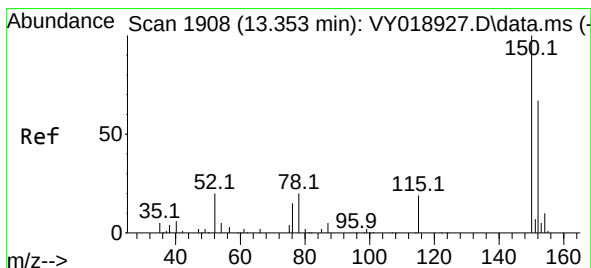
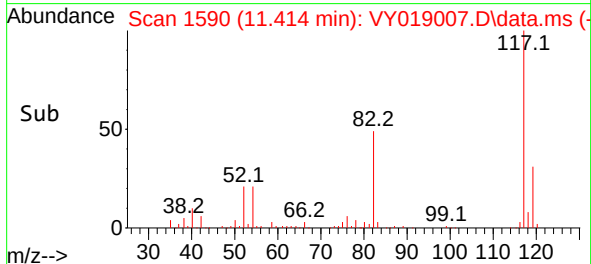
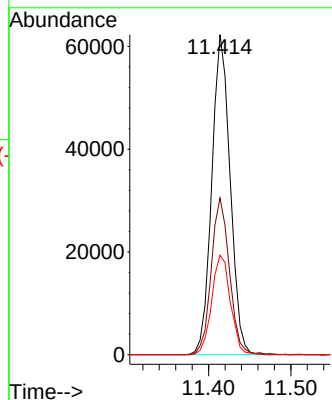
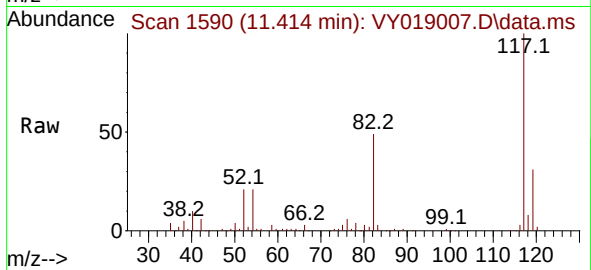




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019007.D
Acq: 12 Aug 2024 17:12

Instrument :
MSVOA_Y
ClientSampleId :
OU4-CF-06-080624

Tgt Ion:117 Resp: 96785
Ion Ratio Lower Upper
117 100
82 49.0 42.4 63.6
119 31.1 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY019007.D
Acq: 12 Aug 2024 17:12

Tgt Ion:152 Resp: 29520
Ion Ratio Lower Upper
152 100
115 53.1 28.2 84.7
150 153.8 0.0 345.6

