

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081324\
 Data File : VY019029.D
 Acq On : 13 Aug 2024 15:05
 Operator : SY/MD
 Sample : P3519-11RE
 Misc : 4.61g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-TS-21-080724RE

Quant Time: Aug 14 01:37:51 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	7.695	168	49302	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	83763	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	68046	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	21421	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	22453	51.870	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.740%
35) Dibromofluoromethane	7.628	113	26320	49.198	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.400%
50) Toluene-d8	10.103	98	94836	46.151	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.300%
62) 4-Bromofluorobenzene	12.408	95	20852	34.203	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	68.400%

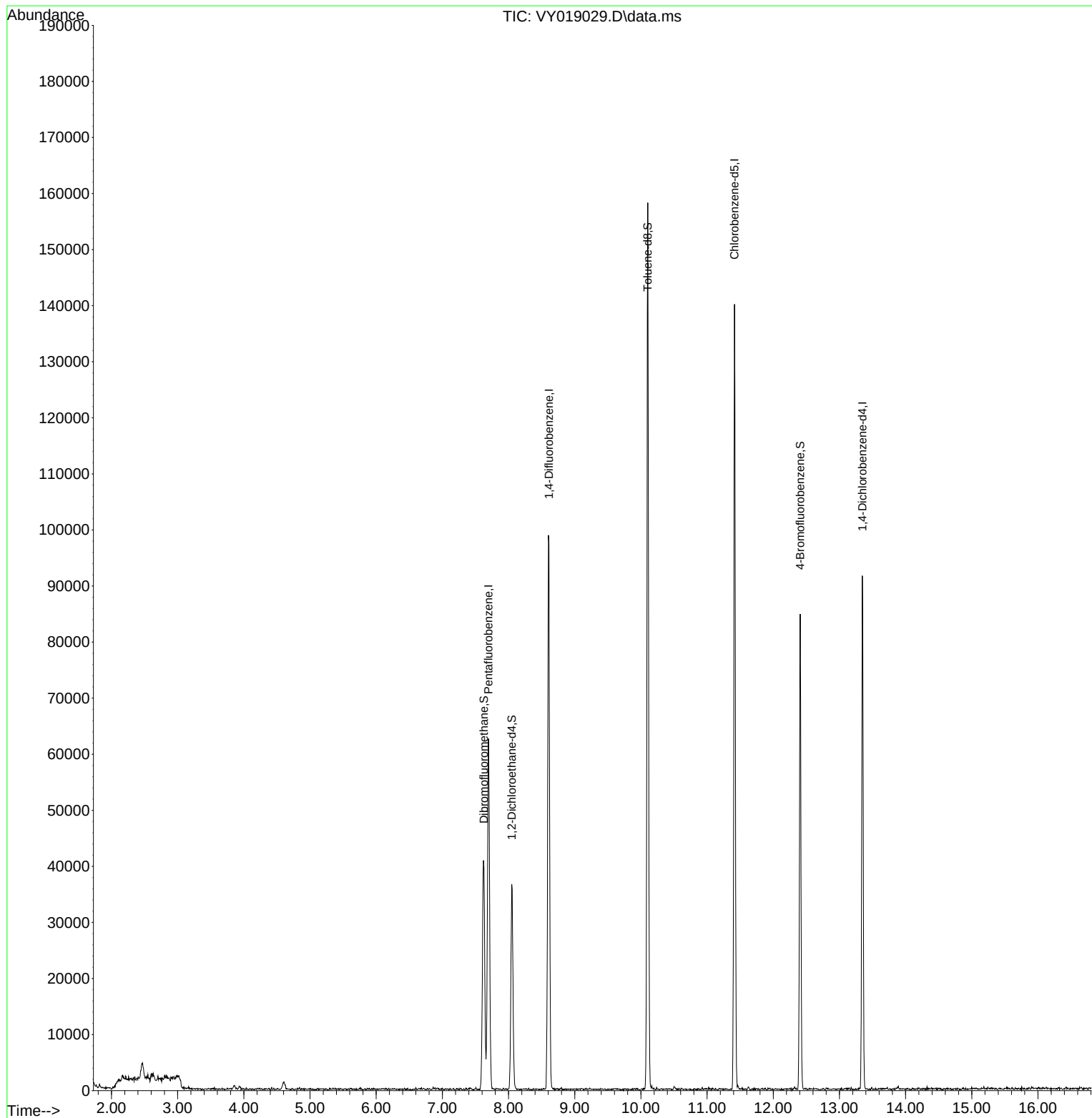
Target Compounds	Qvalue

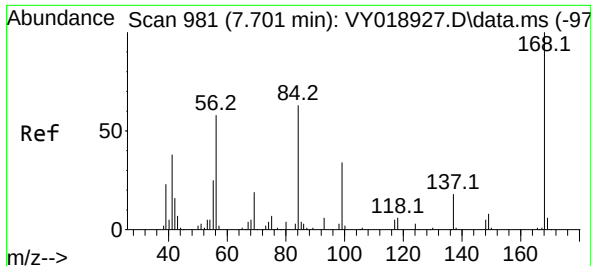
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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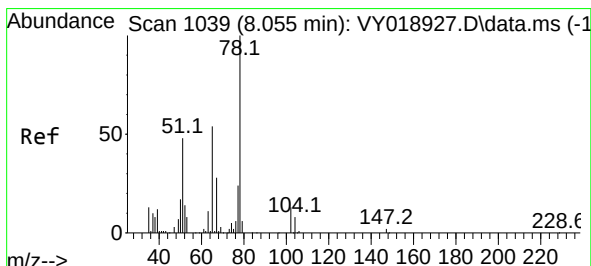
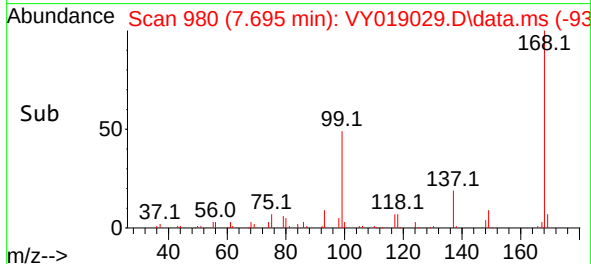
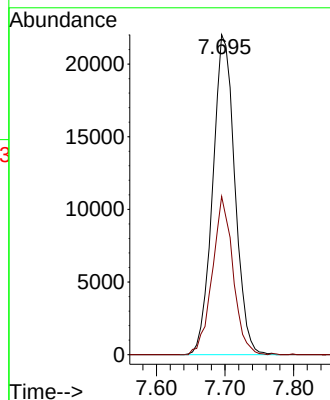
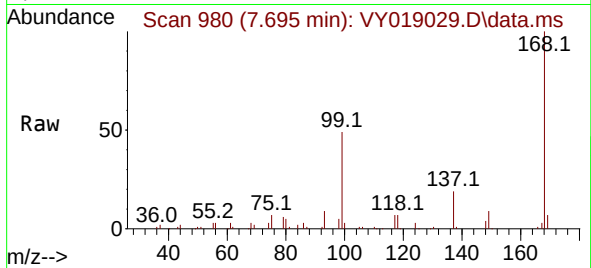




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019029.D
Acq: 13 Aug 2024 15:05

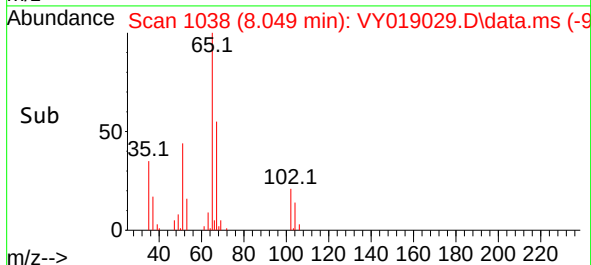
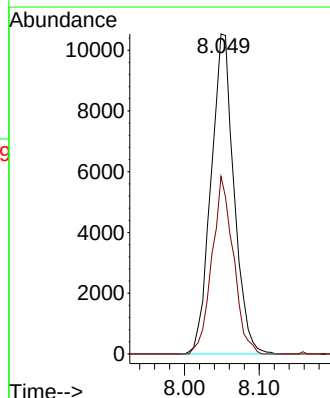
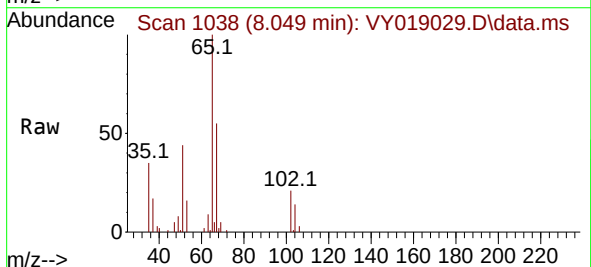
Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-21-080724RE

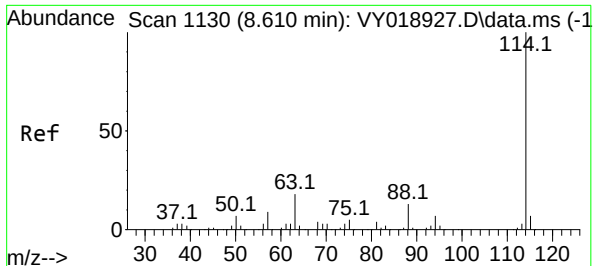
Tgt Ion:168 Resp: 49302
Ion Ratio Lower Upper
168 100
99 49.5 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 51.870 ug/l
RT: 8.049 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY019029.D
Acq: 13 Aug 2024 15:05

Tgt Ion: 65 Resp: 22453
Ion Ratio Lower Upper
65 100
67 51.7 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VY019029.D

Acq: 13 Aug 2024 15:05

Instrument :

MSVOA_Y

ClientSampleId :

OU4-TS-21-080724RE

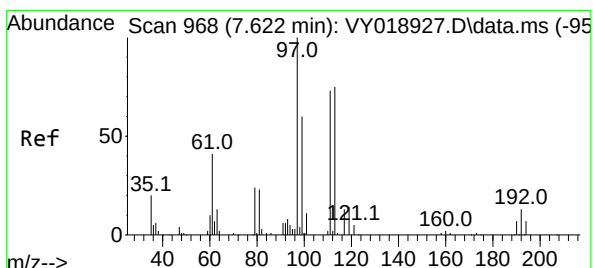
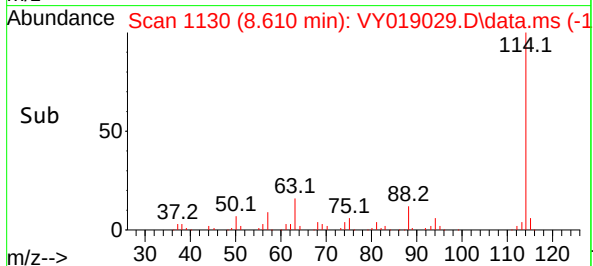
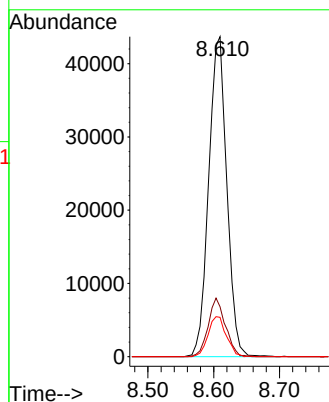
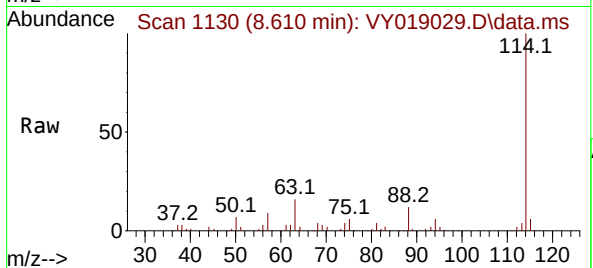
Tgt Ion:114 Resp: 83763

Ion Ratio Lower Upper

114 100

63 15.6 0.0 35.0

88 12.3 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.198 ug/l

RT: 7.628 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY019029.D

Acq: 13 Aug 2024 15:05

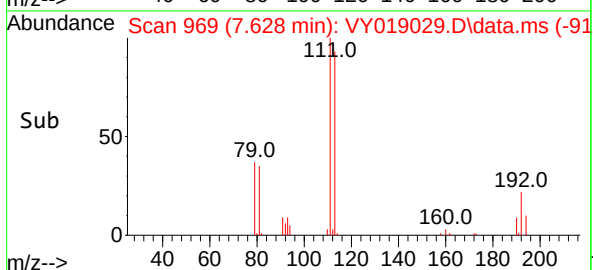
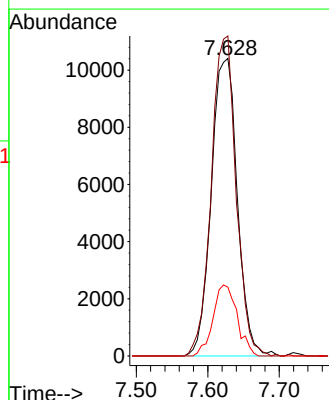
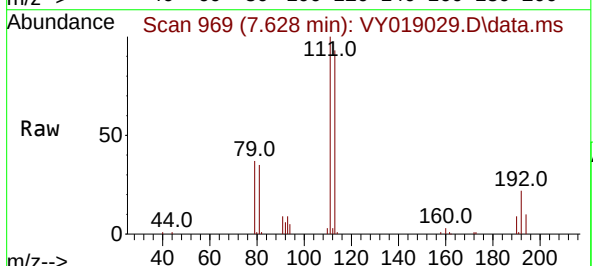
Tgt Ion:113 Resp: 26320

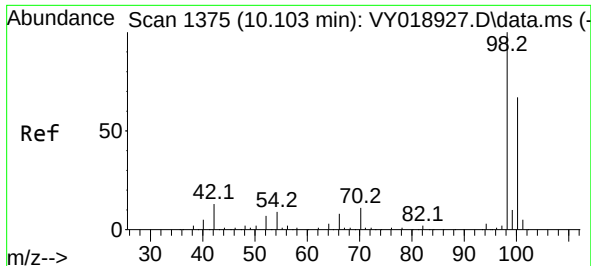
Ion Ratio Lower Upper

113 100

111 102.6 82.2 123.4

192 22.2 15.9 23.9

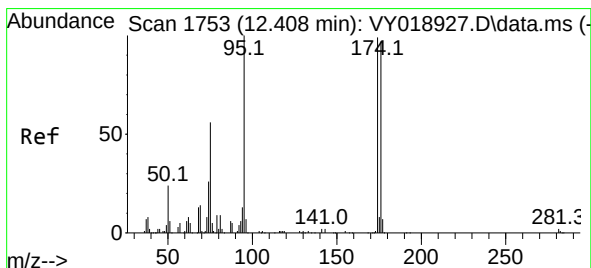
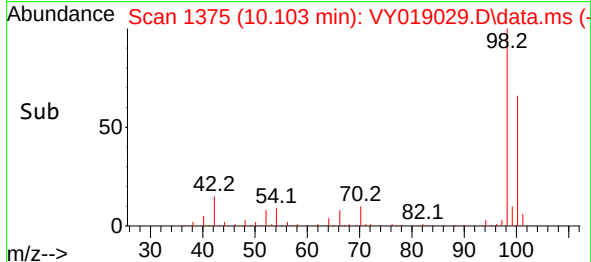
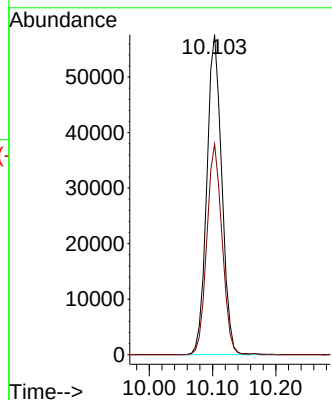
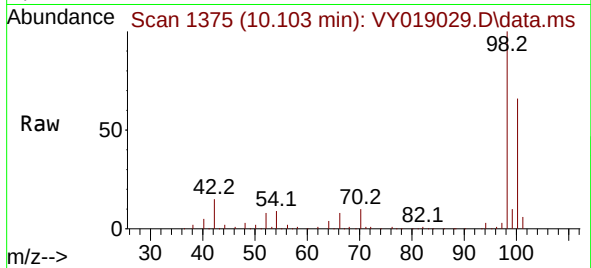




#50
Toluene-d8
Concen: 46.151 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019029.D
Acq: 13 Aug 2024 15:05

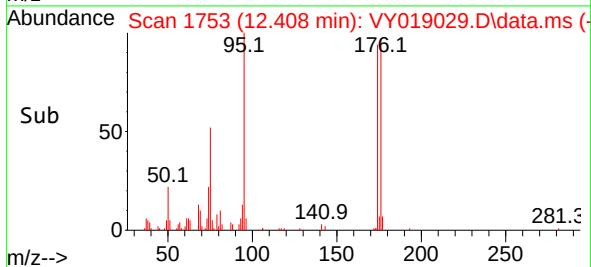
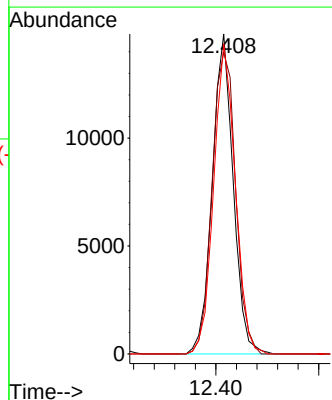
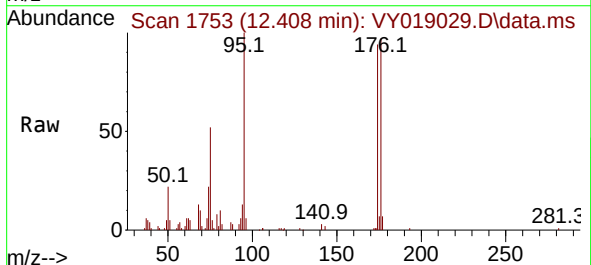
Instrument :
MSVOA_Y
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OU4-TS-21-080724RE

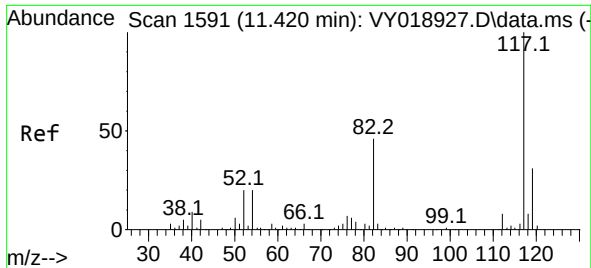
Tgt Ion: 98 Resp: 94836
Ion Ratio Lower Upper
98 100
100 67.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 34.203 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019029.D
Acq: 13 Aug 2024 15:05

Tgt Ion: 95 Resp: 20852
Ion Ratio Lower Upper
95 100
174 106.0 0.0 175.6
176 100.4 0.0 171.4

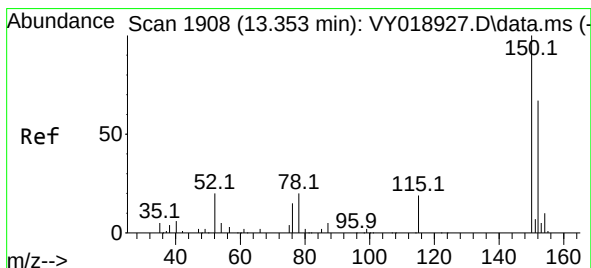
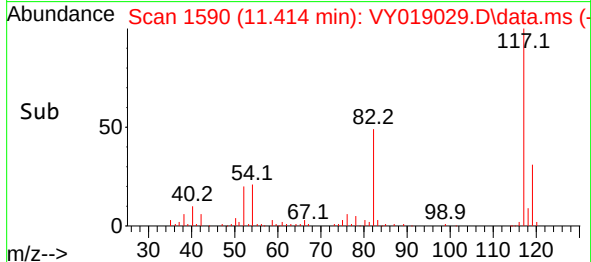
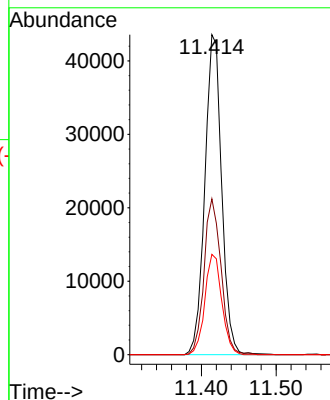
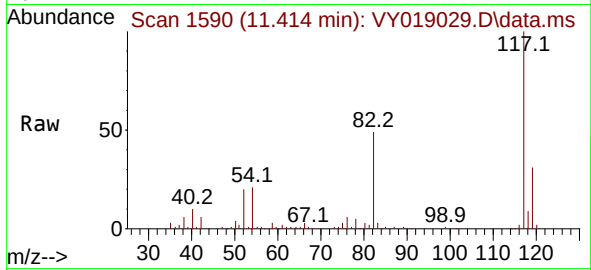




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019029.D
Acq: 13 Aug 2024 15:05

Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-21-080724RE

Tgt Ion:117 Resp: 68046
Ion Ratio Lower Upper
117 100
82 48.7 42.4 63.6
119 31.3 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: VY019029.D
Acq: 13 Aug 2024 15:05

Tgt Ion:152 Resp: 21421
Ion Ratio Lower Upper
152 100
115 51.8 28.2 84.7
150 156.2 0.0 345.6

