

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022125\
 Data File : VY021280.D
 Acq On : 21 Feb 2025 13:04
 Operator : SY/MD
 Sample : Q1383-03
 Misc : 5.81g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-PCS-TC-12-021725

Quant Time: Feb 21 23:06:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	176624	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	335490	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	306712	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	115459	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	99937	55.224	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.440%
35) Dibromofluoromethane	7.646	113	106939	49.738	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.480%
50) Toluene-d8	10.115	98	414341	50.620	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.240%
62) 4-Bromofluorobenzene	12.414	95	126400	47.268	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.540%

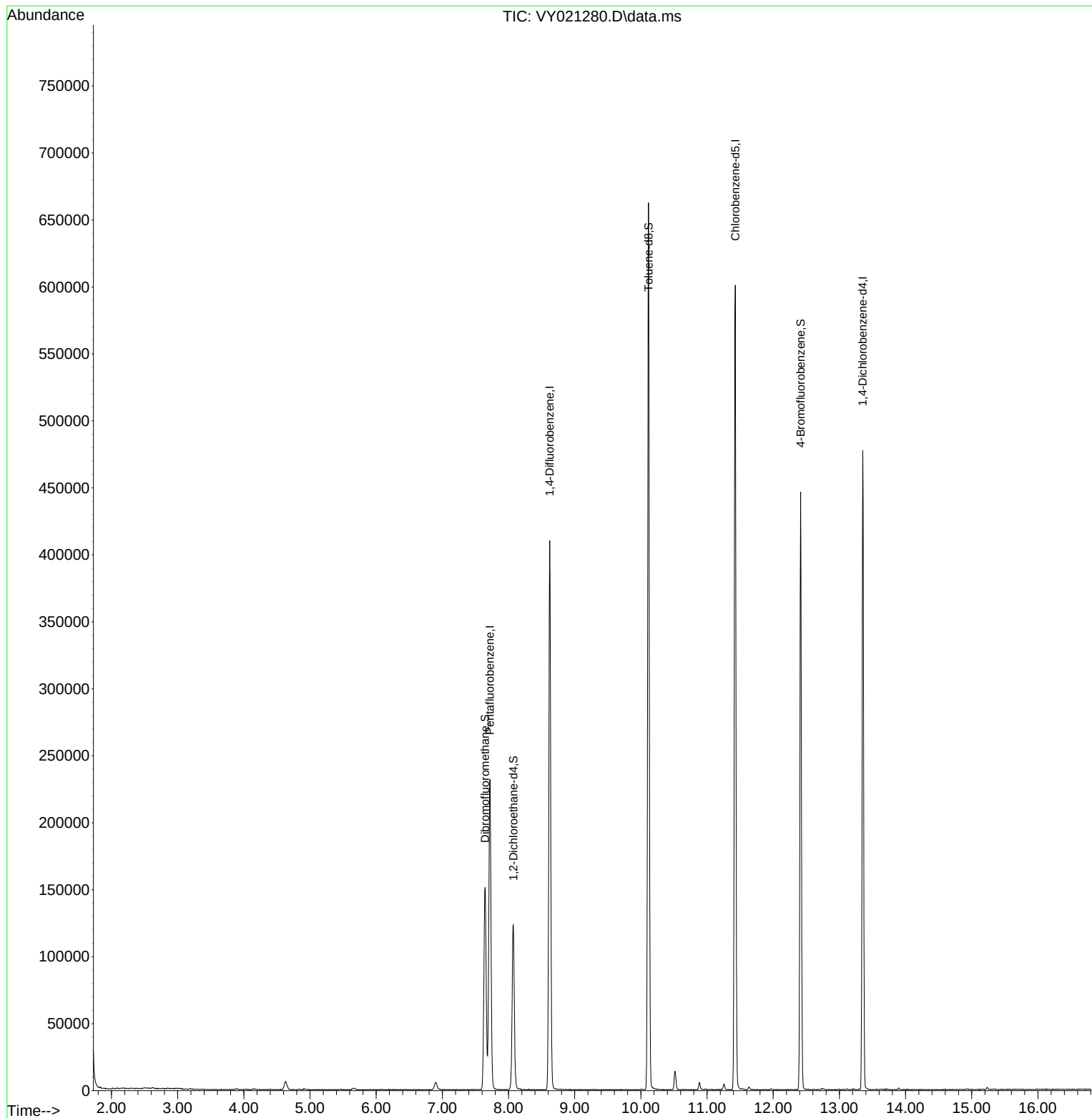
Target Compounds	Qvalue

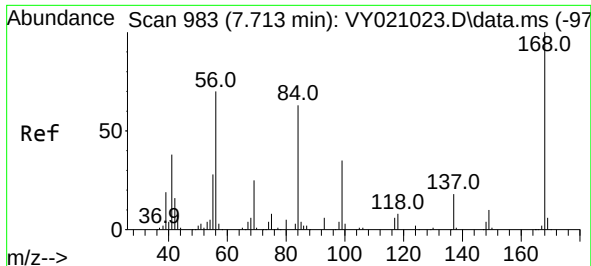
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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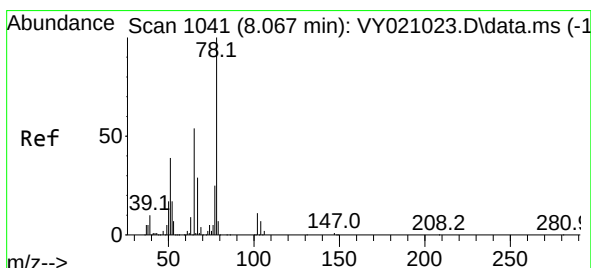
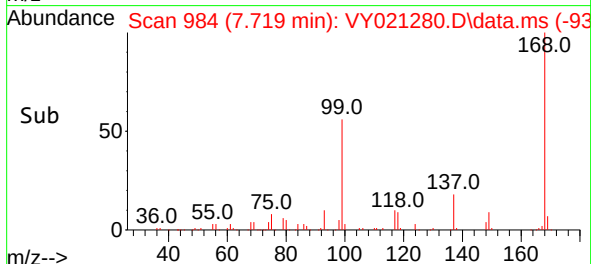
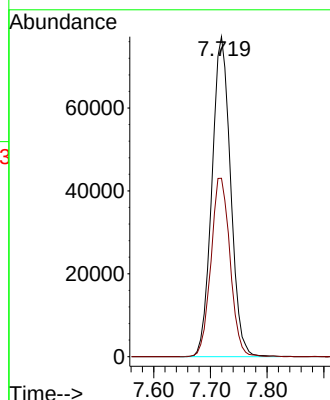
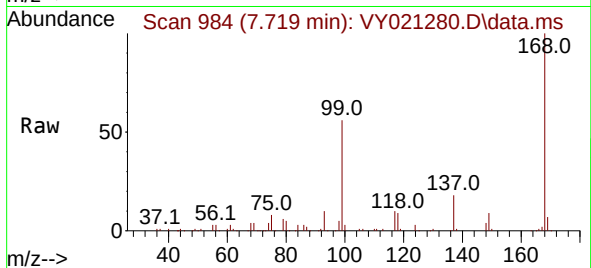




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021280.D
Acq: 21 Feb 2025 13:04

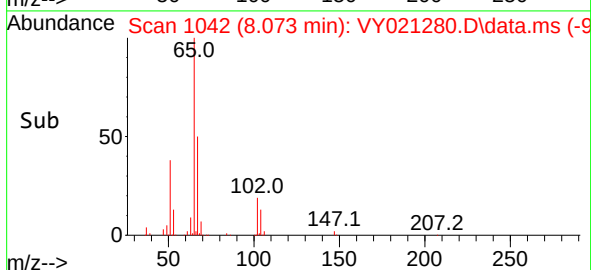
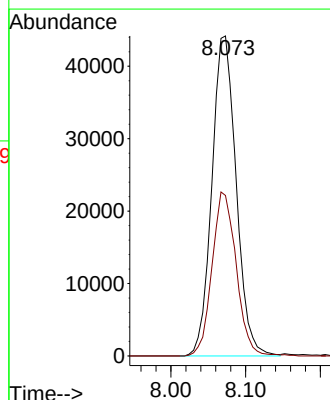
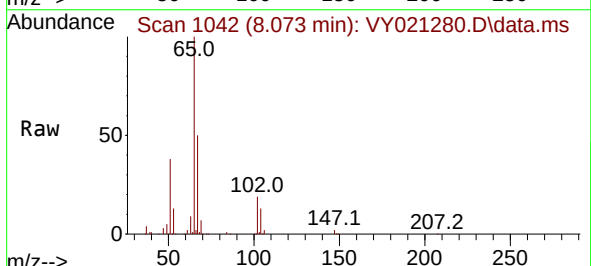
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-12-021725

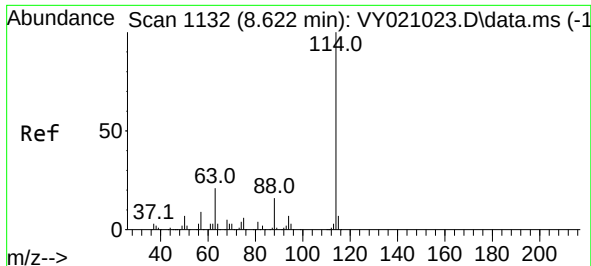
Tgt Ion:168 Resp: 176624
Ion Ratio Lower Upper
168 100
99 55.7 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 55.224 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VY021280.D
Acq: 21 Feb 2025 13:04

Tgt Ion: 65 Resp: 99937
Ion Ratio Lower Upper
65 100
67 51.0 0.0 109.0

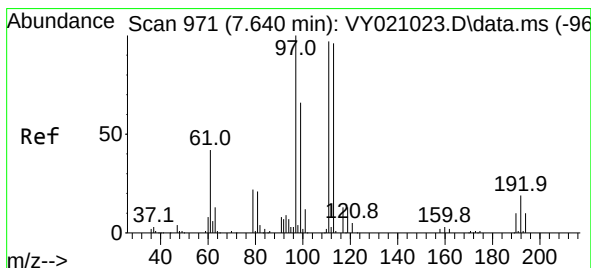
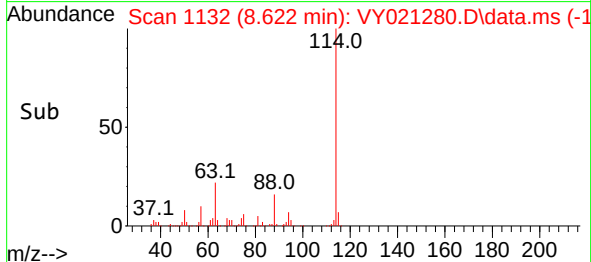
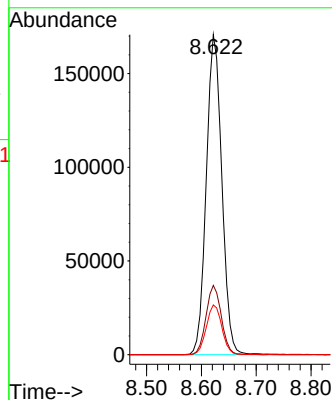
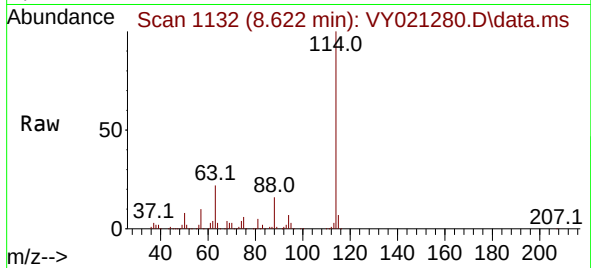




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VY021280.D
Acq: 21 Feb 2025 13:04

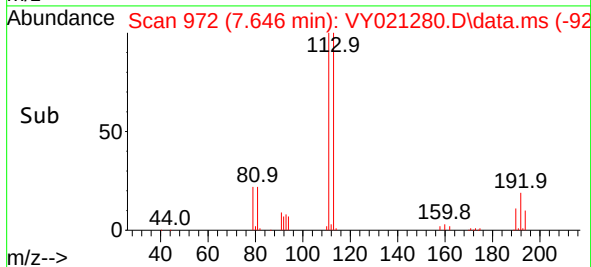
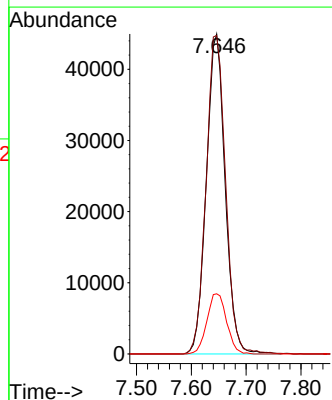
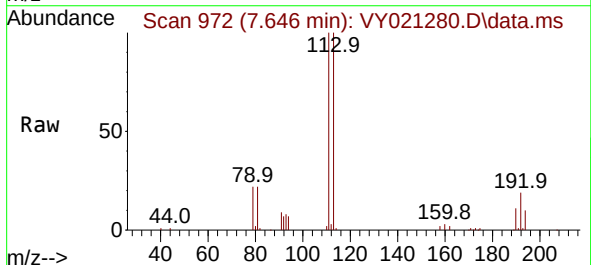
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ClientSampleId :
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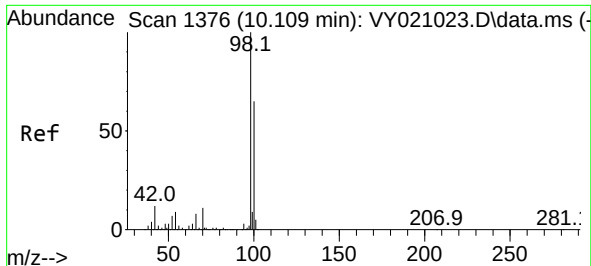
Tgt Ion:114 Resp: 335490
Ion Ratio Lower Upper
114 100
63 21.7 0.0 37.4
88 15.6 0.0 29.0



#35
Dibromofluoromethane
Concen: 49.738 ug/l
RT: 7.646 min Scan# 972
Delta R.T. 0.006 min
Lab File: VY021280.D
Acq: 21 Feb 2025 13:04

Tgt Ion:113 Resp: 106939
Ion Ratio Lower Upper
113 100
111 103.2 83.8 125.6
192 19.7 14.5 21.7

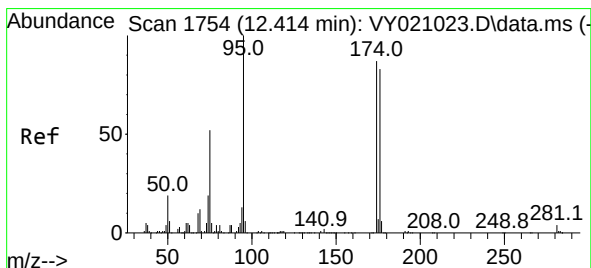
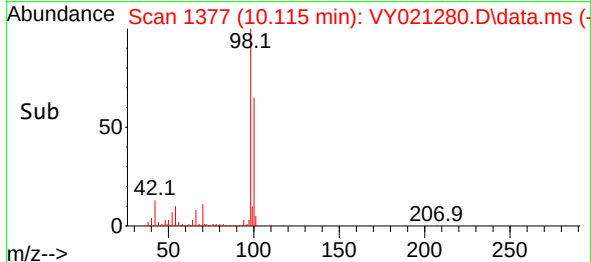
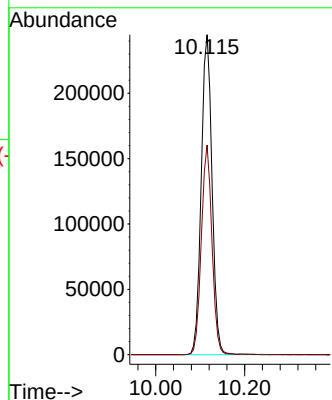
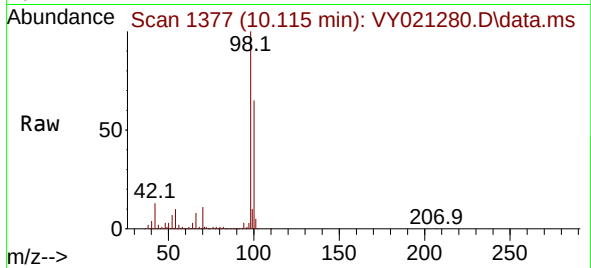




#50
Toluene-d8
Concen: 50.620 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.006 min
Lab File: VY021280.D
Acq: 21 Feb 2025 13:04

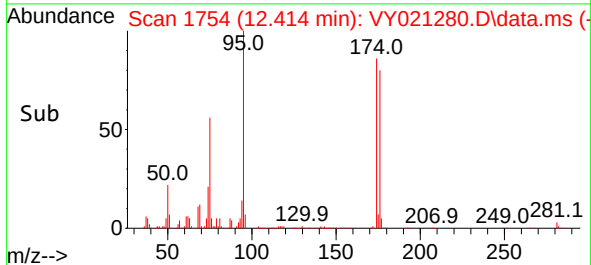
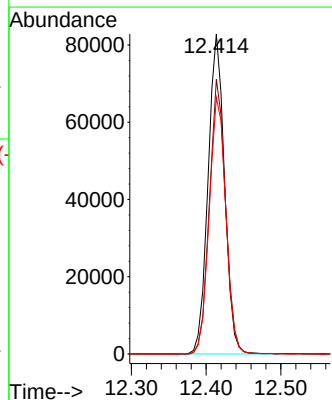
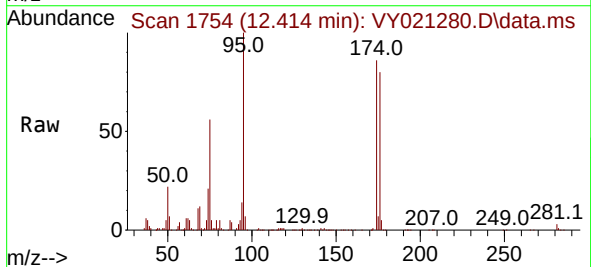
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-12-021725

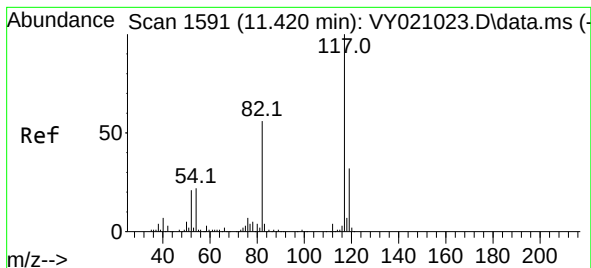
Tgt Ion: 98 Resp: 414341
Ion Ratio Lower Upper
98 100
100 64.4 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 47.268 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY021280.D
Acq: 21 Feb 2025 13:04

Tgt Ion: 95 Resp: 126400
Ion Ratio Lower Upper
95 100
174 84.7 0.0 160.0
176 81.2 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021280.D

Acq: 21 Feb 2025 13:04

Instrument :

MSVOA_Y

ClientSampleId :

OU4-PCS-TC-12-021725

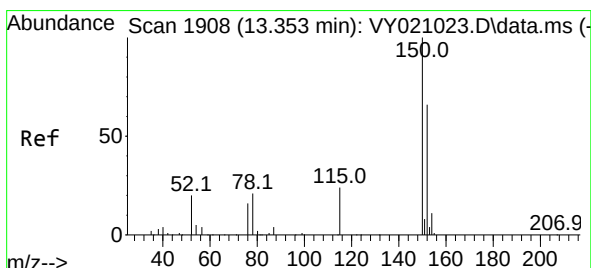
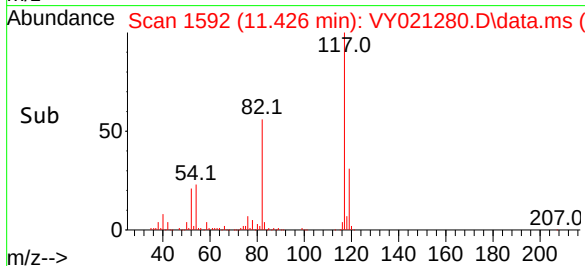
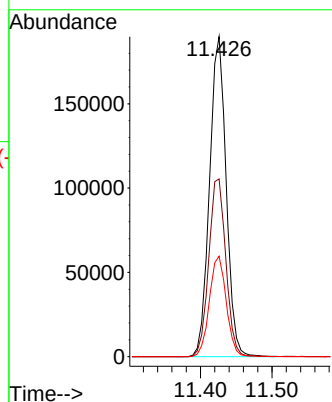
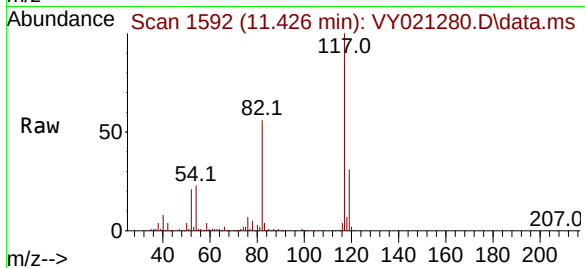
Tgt Ion:117 Resp: 306712

Ion Ratio Lower Upper

117 100

82 55.6 43.8 65.8

119 31.4 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY021280.D

Acq: 21 Feb 2025 13:04

Tgt Ion:152 Resp: 115459

Ion Ratio Lower Upper

152 100

115 58.7 30.0 90.0

150 157.1 0.0 344.6

