

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022025\
 Data File : VY021254.D
 Acq On : 20 Feb 2025 17:05
 Operator : SY/MD
 Sample : Q1383-07
 Misc : 5.45g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-PCS-TC-14-021725

Quant Time: Feb 21 02:43:36 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)

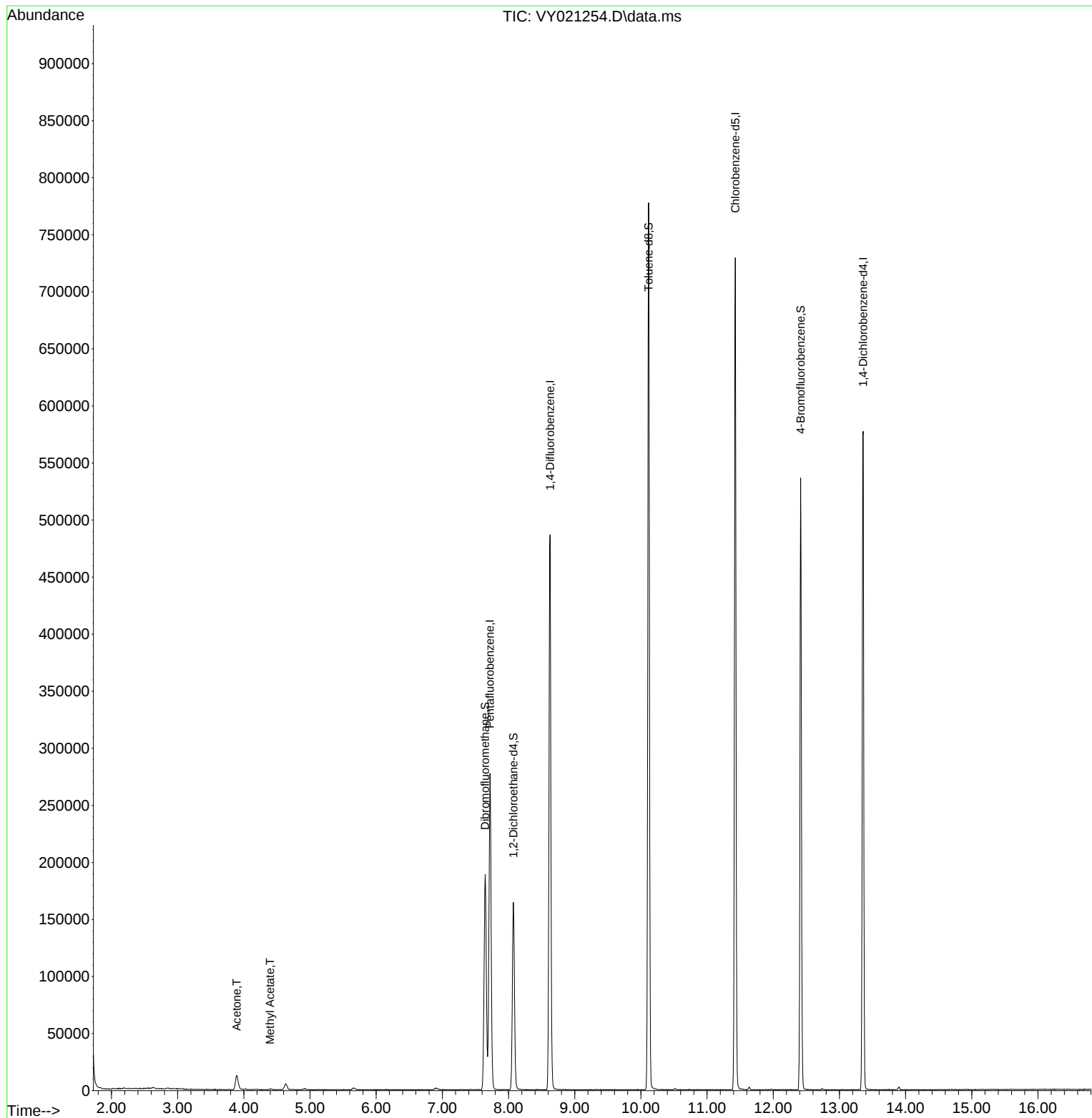
Internal Standards						
1) Pentafluorobenzene	7.719	168	209301	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.628	114	400894	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	368948	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	145325	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	130816	61.002	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.000%
35) Dibromofluoromethane	7.646	113	133984	52.150	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.300%
50) Toluene-d8	10.115	98	491445	50.244	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.480%
62) 4-Bromofluorobenzene	12.414	95	158283	49.534	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.060%
Target Compounds						
						Qvalue
16) Acetone	3.891	43	24282	72.609	ug/l	94
18) Methyl Acetate	4.397	43	1296	1.104	ug/l #	74

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

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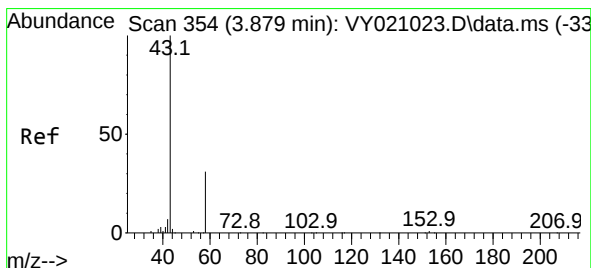
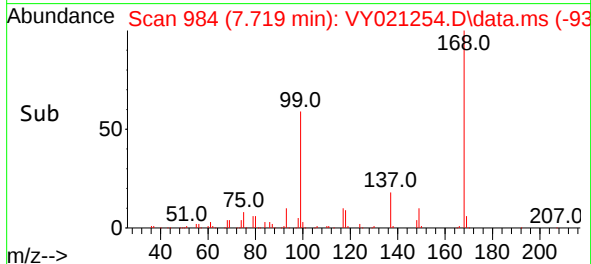
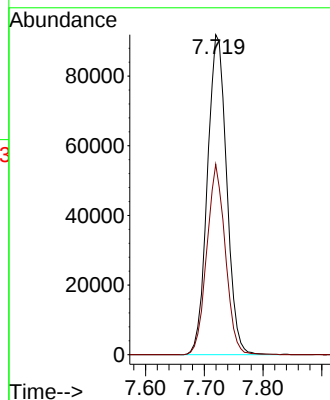
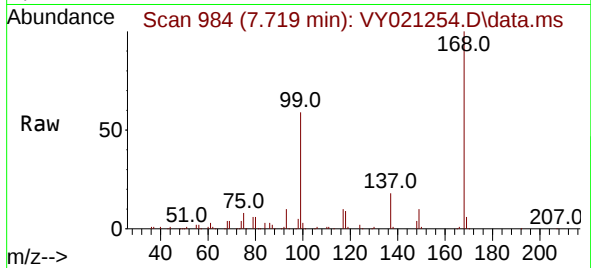




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021254.D
Acq: 20 Feb 2025 17:05

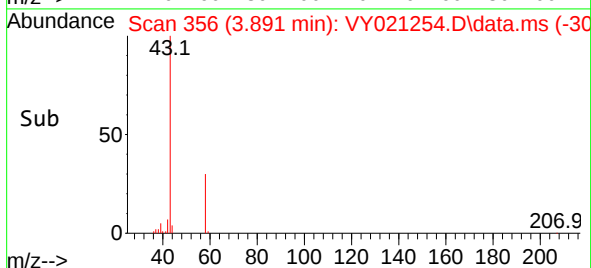
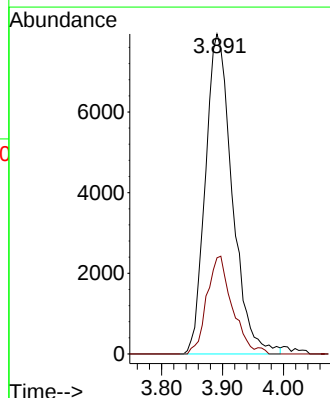
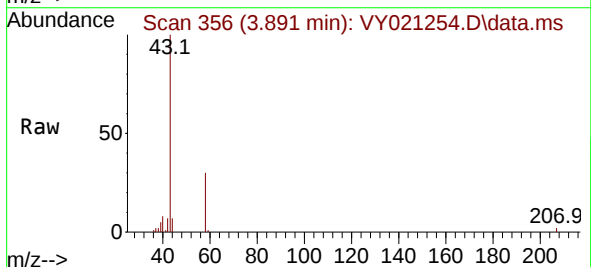
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-14-021725

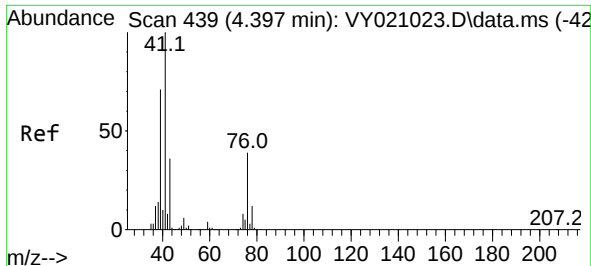
Tgt Ion:168 Resp: 209301
Ion Ratio Lower Upper
168 100
99 59.5 44.2 66.4



#16
Acetone
Concen: 72.609 ug/l
RT: 3.891 min Scan# 356
Delta R.T. 0.012 min
Lab File: VY021254.D
Acq: 20 Feb 2025 17:05

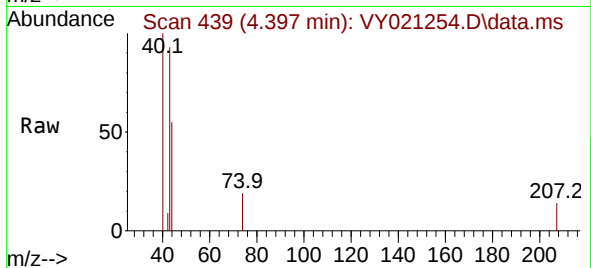
Tgt Ion: 43 Resp: 24282
Ion Ratio Lower Upper
43 100
58 30.0 26.6 39.8



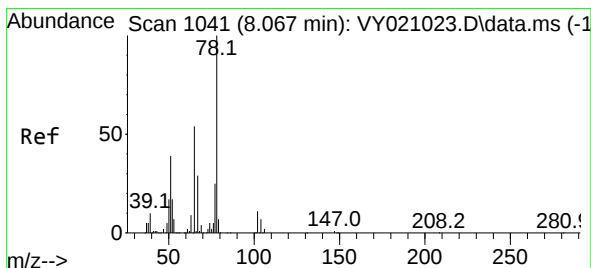
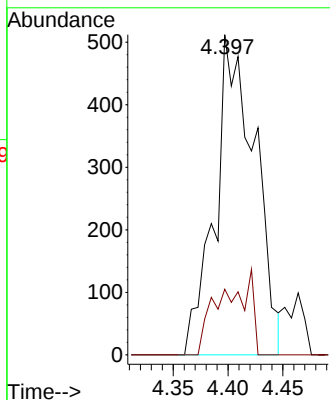
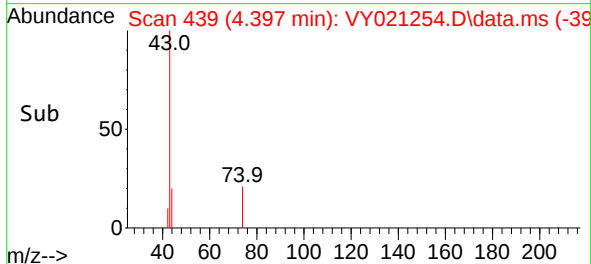


#18
Methyl Acetate
Concen: 1.104 ug/l
RT: 4.397 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY021254.D
Acq: 20 Feb 2025 17:05

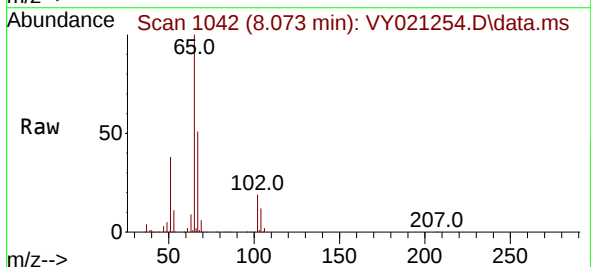
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-14-021725



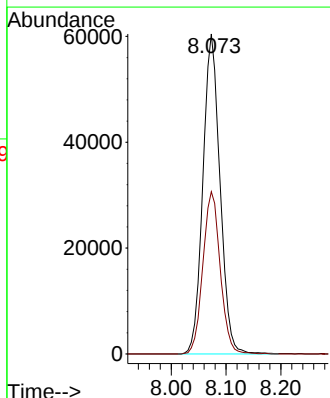
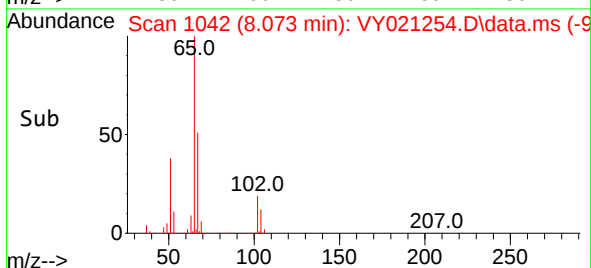
Tgt Ion: 43 Resp: 1296
Ion Ratio Lower Upper
43 100
74 11.6 19.8 29.6#

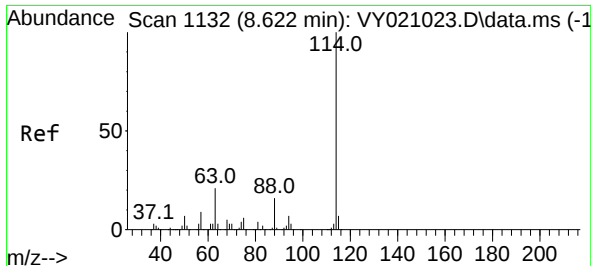


#33
1,2-Dichloroethane-d4
Concen: 61.002 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VY021254.D
Acq: 20 Feb 2025 17:05



Tgt Ion: 65 Resp: 130816
Ion Ratio Lower Upper
65 100
67 51.3 0.0 109.0

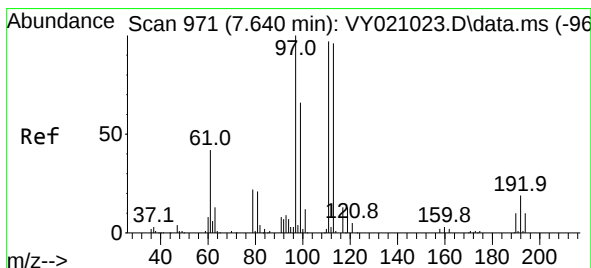
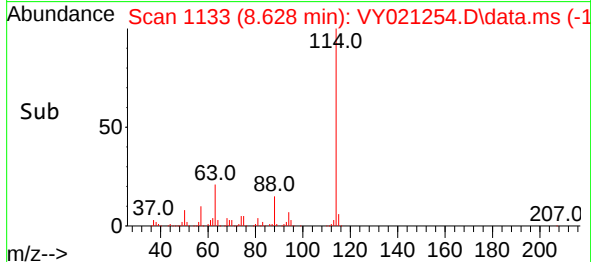
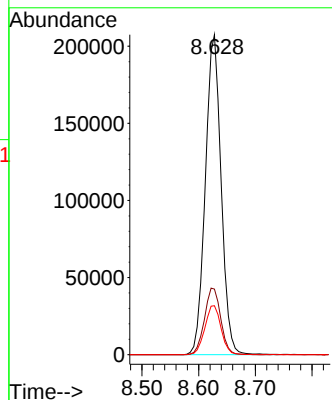
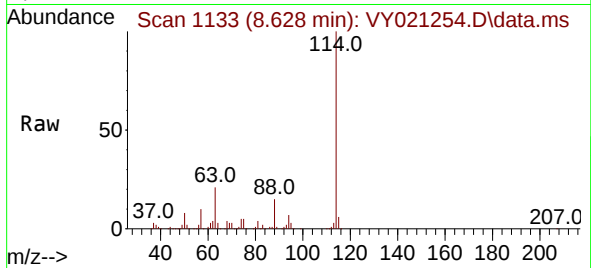




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.628 min Scan# 1133
Delta R.T. 0.006 min
Lab File: VY021254.D
Acq: 20 Feb 2025 17:05

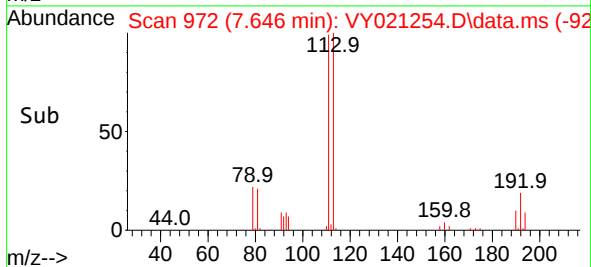
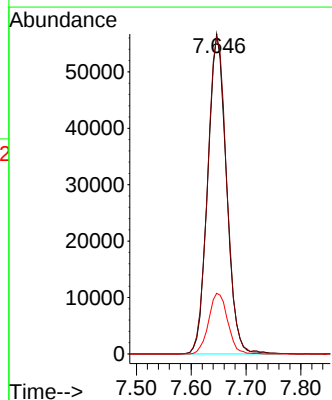
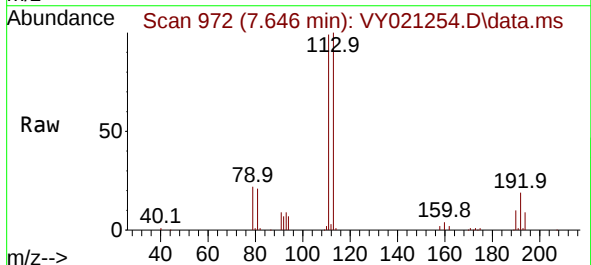
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-14-021725

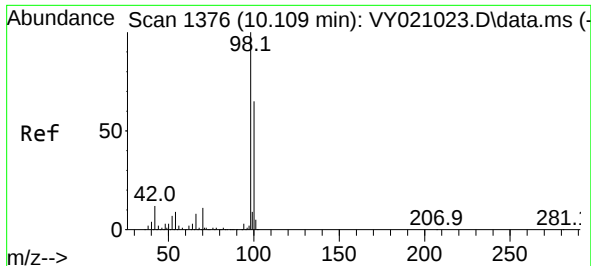
Tgt Ion:114 Resp: 400894
Ion Ratio Lower Upper
114 100
63 20.5 0.0 37.4
88 15.3 0.0 29.0



#35
Dibromofluoromethane
Concen: 52.150 ug/l
RT: 7.646 min Scan# 972
Delta R.T. 0.006 min
Lab File: VY021254.D
Acq: 20 Feb 2025 17:05

Tgt Ion:113 Resp: 133984
Ion Ratio Lower Upper
113 100
111 101.6 83.8 125.6
192 19.3 14.5 21.7

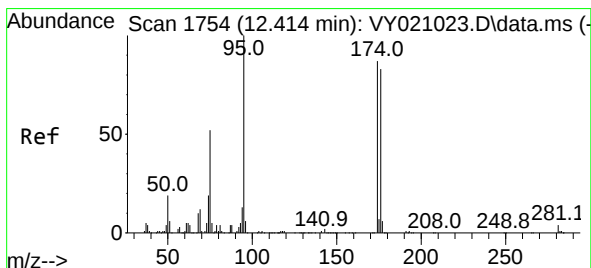
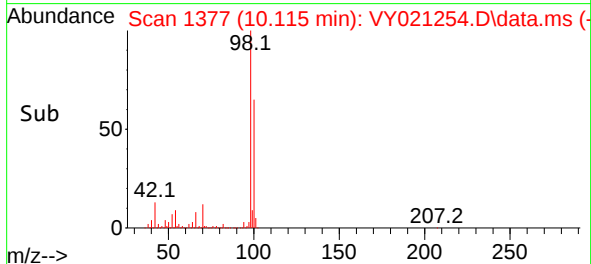
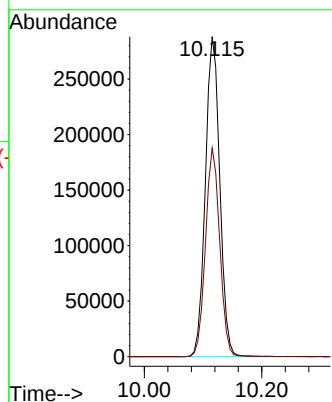
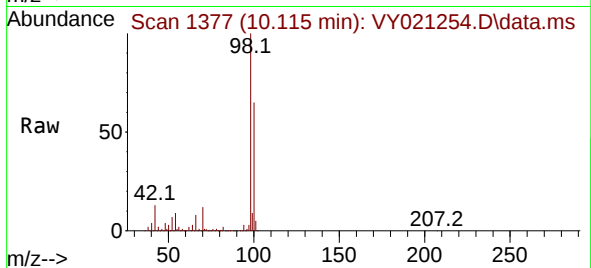




#50
Toluene-d8
Concen: 50.244 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.006 min
Lab File: VY021254.D
Acq: 20 Feb 2025 17:05

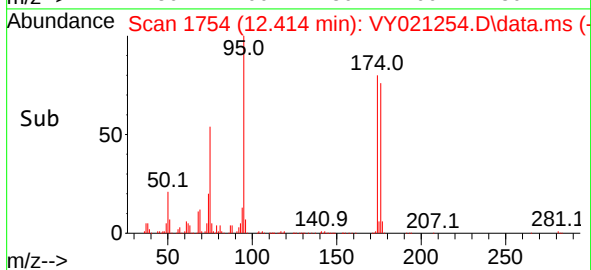
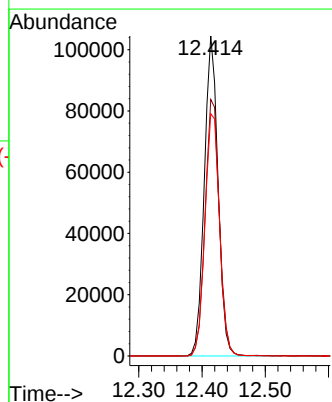
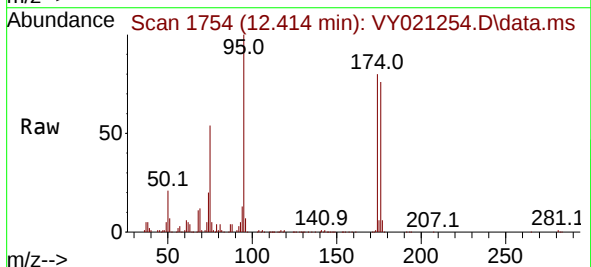
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-14-021725

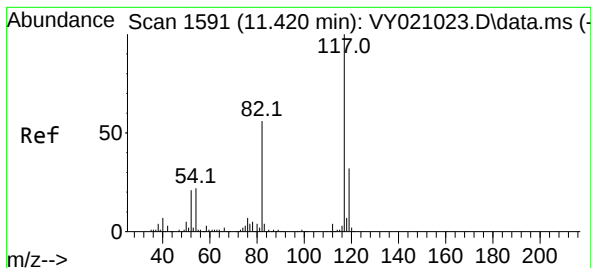
Tgt Ion: 98 Resp: 491445
Ion Ratio Lower Upper
98 100
100 64.5 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 49.534 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY021254.D
Acq: 20 Feb 2025 17:05

Tgt Ion: 95 Resp: 158283
Ion Ratio Lower Upper
95 100
174 83.4 0.0 160.0
176 80.0 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: VY021254.D

Acq: 20 Feb 2025 17:05

Instrument :

MSVOA_Y

ClientSampleId :

OU4-PCS-TC-14-021725

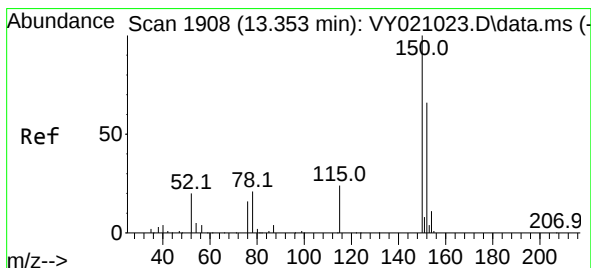
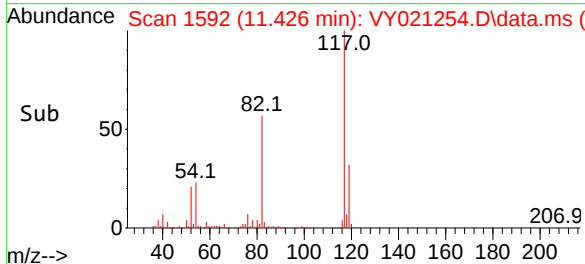
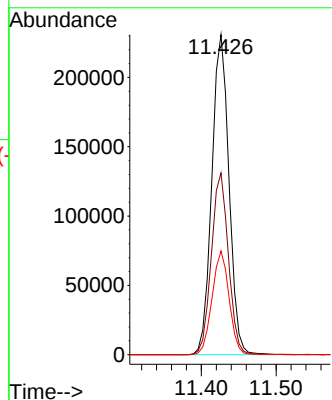
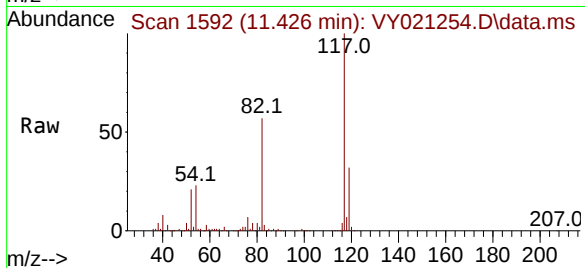
Tgt Ion:117 Resp: 368948

Ion Ratio Lower Upper

117 100

82 56.8 43.8 65.8

119 32.4 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.359 min Scan# 1909

Delta R.T. 0.006 min

Lab File: VY021254.D

Acq: 20 Feb 2025 17:05

Tgt Ion:152 Resp: 145325

Ion Ratio Lower Upper

152 100

115 58.3 30.0 90.0

150 156.3 0.0 344.6

