

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022025\
 Data File : VY021268.D
 Acq On : 20 Feb 2025 22:33
 Operator : SY/MD
 Sample : Q1382-19
 Misc : 5.23g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-PCS-TC-10-021725

Quant Time: Feb 21 02:48:25 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)

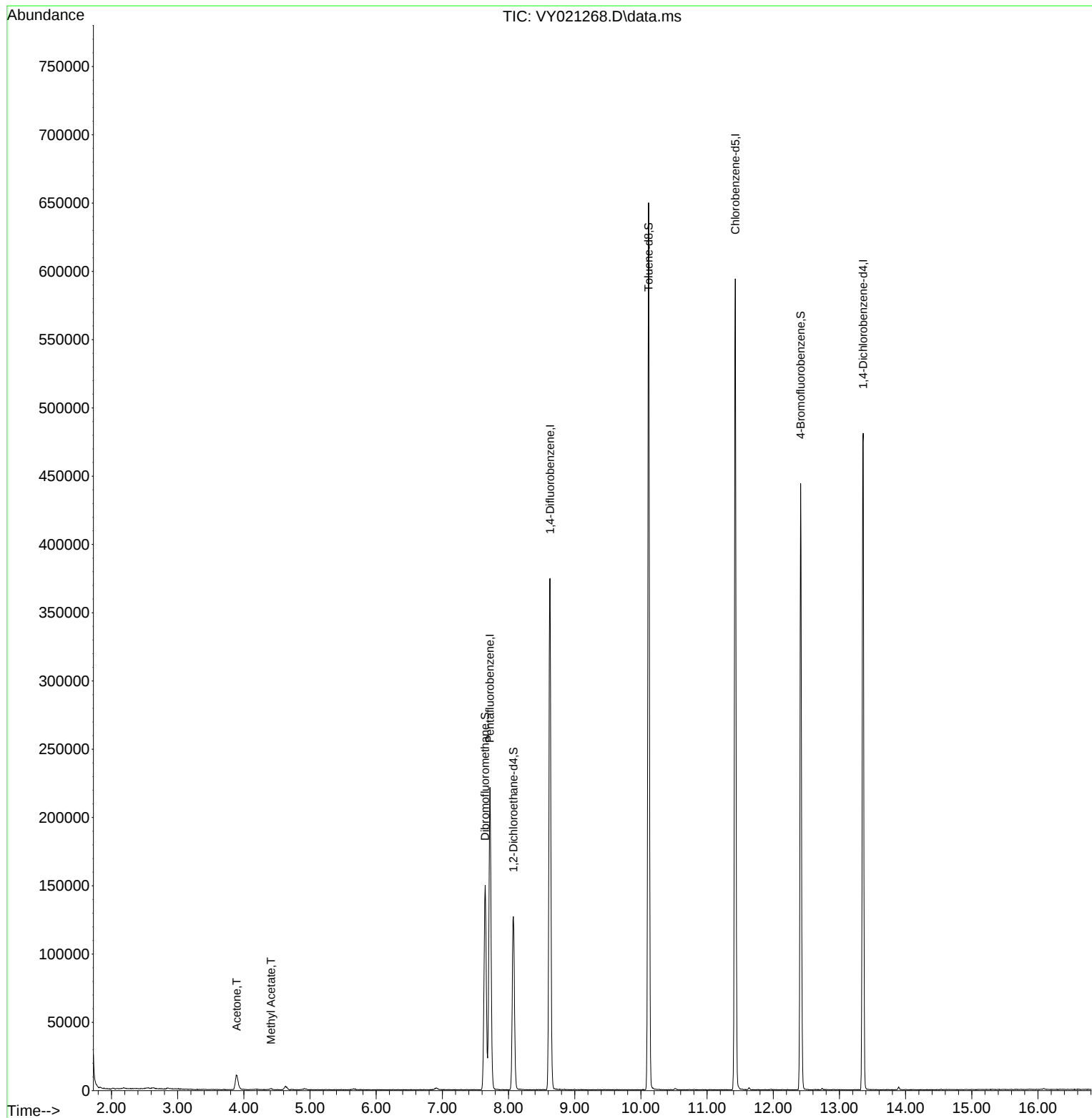
Internal Standards						
1) Pentafluorobenzene	7.719	168	164770	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.628	114	318499	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	298586	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	119883	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	105673	62.595	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	125.200%	
35) Dibromofluoromethane	7.646	113	105428	51.651	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	103.300%	
50) Toluene-d8	10.115	98	394704	50.793	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	=	101.580%	
62) 4-Bromofluorobenzene	12.414	95	124693	49.117	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	=	98.240%	
Target Compounds						
					Qvalue	
16) Acetone	3.891	43	20606	78.269	ug/l	93
18) Methyl Acetate	4.409	43	1522	1.647	ug/l	98

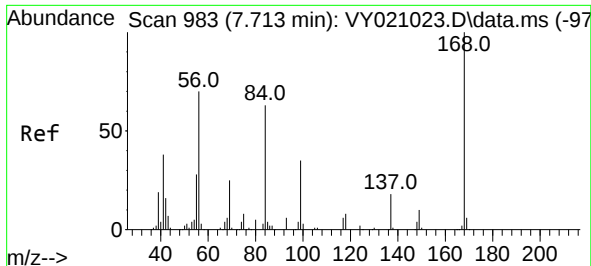
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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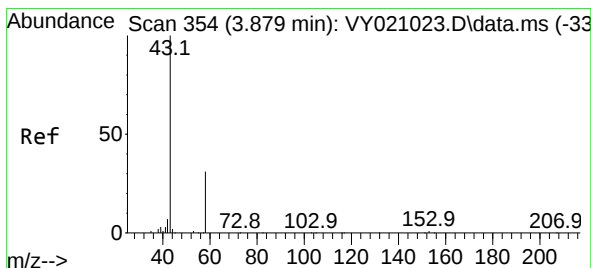
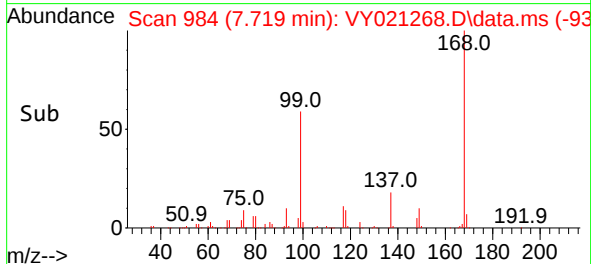
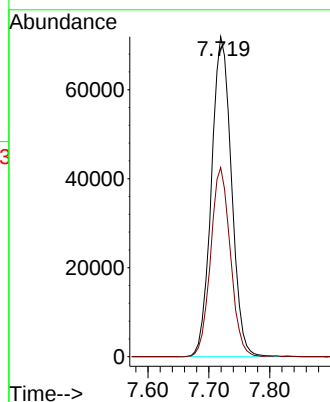
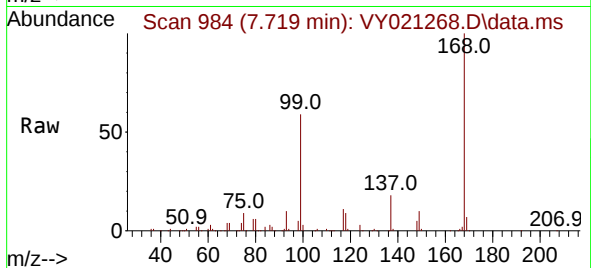




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021268.D
Acq: 20 Feb 2025 22:33

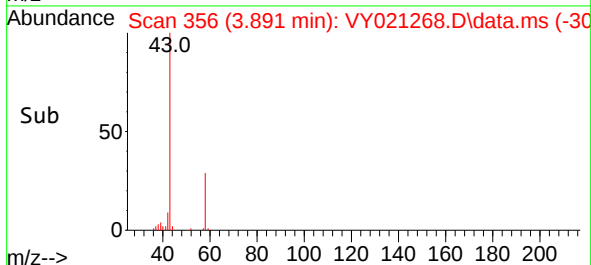
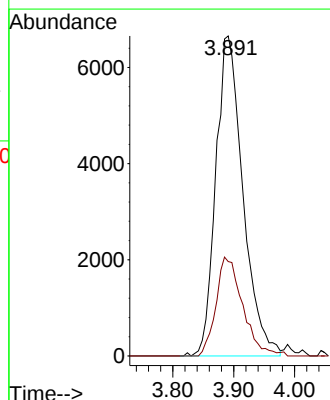
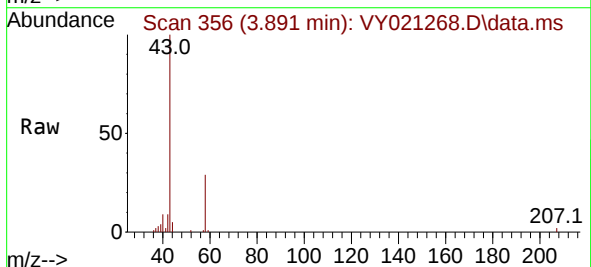
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-10-021725

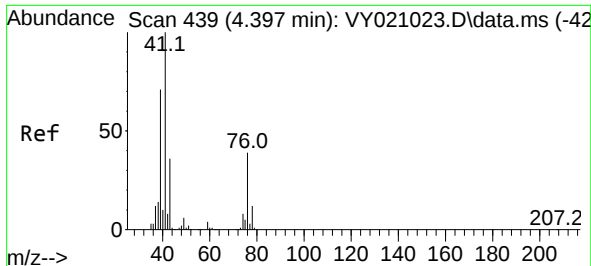
Tgt Ion:168 Resp: 164770
Ion Ratio Lower Upper
168 100
99 59.1 44.2 66.4



#16
Acetone
Concen: 78.269 ug/l
RT: 3.891 min Scan# 356
Delta R.T. 0.012 min
Lab File: VY021268.D
Acq: 20 Feb 2025 22:33

Tgt Ion: 43 Resp: 20606
Ion Ratio Lower Upper
43 100
58 29.5 26.6 39.8

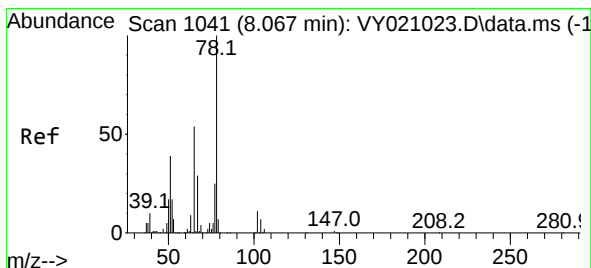
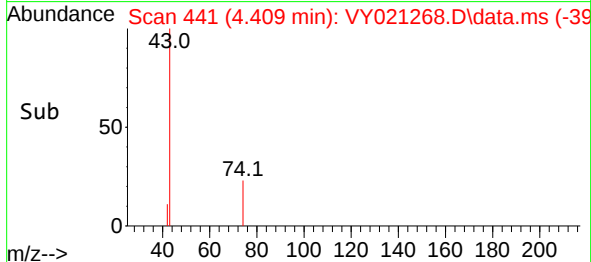
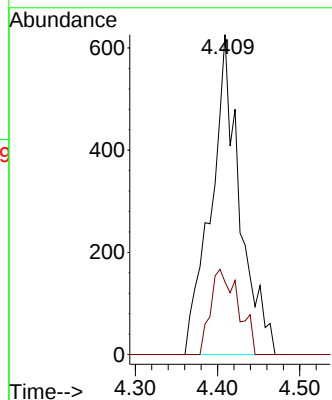
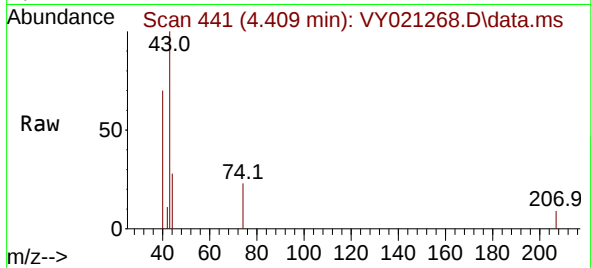




#18
Methyl Acetate
Concen: 1.647 ug/l
RT: 4.409 min Scan# 441
Delta R.T. 0.012 min
Lab File: VY021268.D
Acq: 20 Feb 2025 22:33

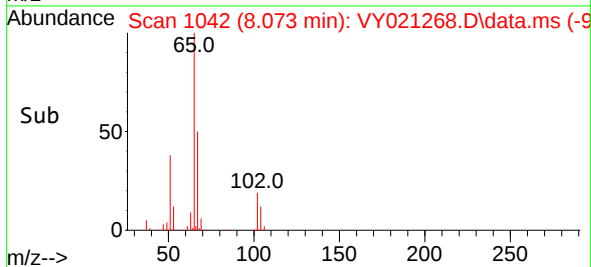
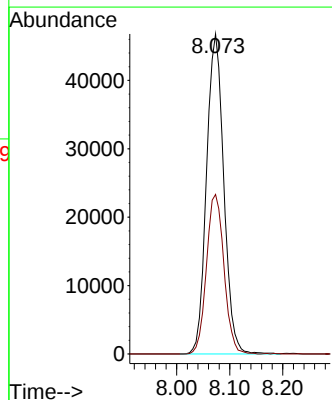
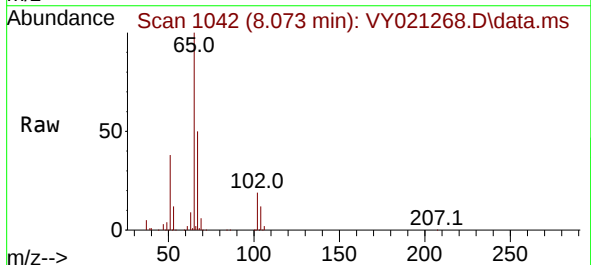
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-10-021725

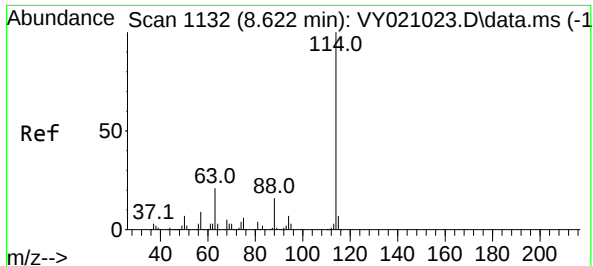
Tgt Ion: 43 Resp: 1522
Ion Ratio Lower Upper
43 100
74 25.8 19.8 29.6



#33
1,2-Dichloroethane-d4
Concen: 62.595 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VY021268.D
Acq: 20 Feb 2025 22:33

Tgt Ion: 65 Resp: 105673
Ion Ratio Lower Upper
65 100
67 50.6 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: VY021268.D

Acq: 20 Feb 2025 22:33

Instrument :

MSVOA_Y

ClientSampleId :

OU4-PCS-TC-10-021725

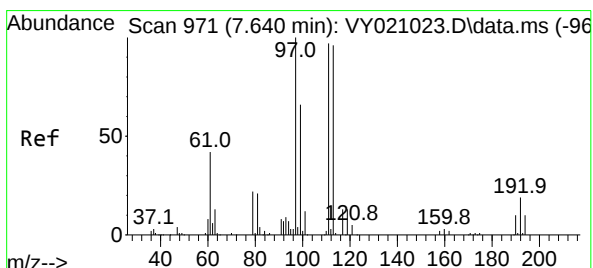
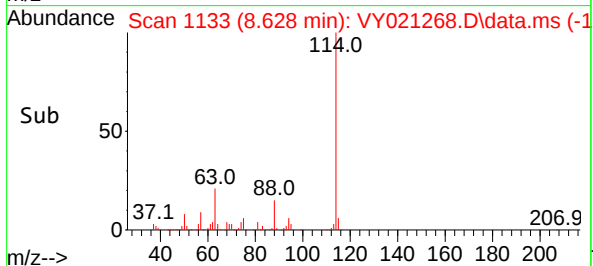
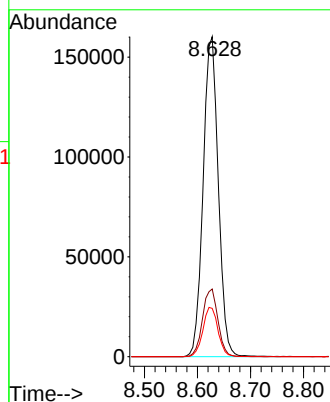
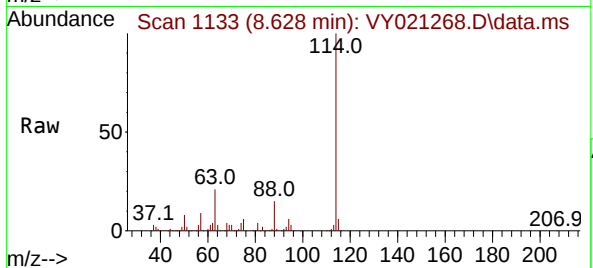
Tgt Ion:114 Resp: 318499

Ion Ratio Lower Upper

114 100

63 21.1 0.0 37.4

88 15.1 0.0 29.0



#35

Dibromofluoromethane

Concen: 51.651 ug/l

RT: 7.646 min Scan# 972

Delta R.T. 0.006 min

Lab File: VY021268.D

Acq: 20 Feb 2025 22:33

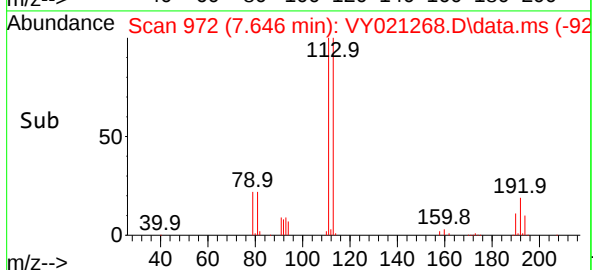
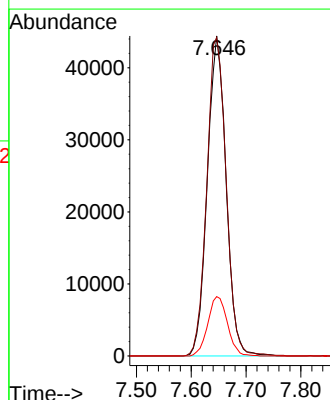
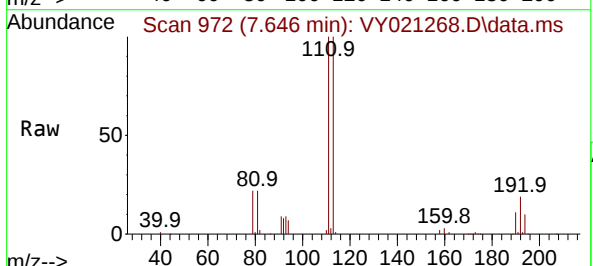
Tgt Ion:113 Resp: 105428

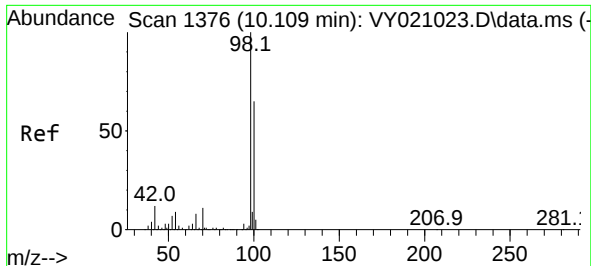
Ion Ratio Lower Upper

113 100

111 102.7 83.8 125.6

192 19.4 14.5 21.7

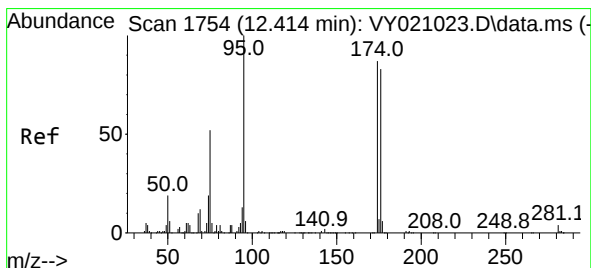
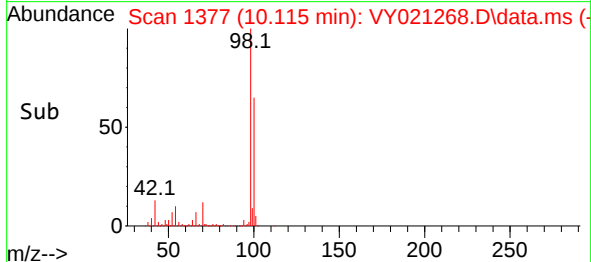
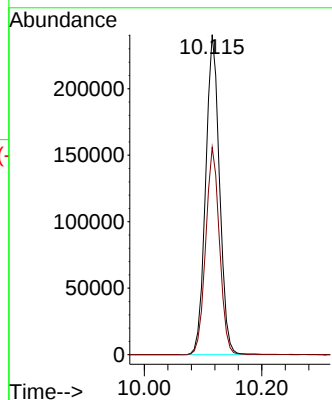
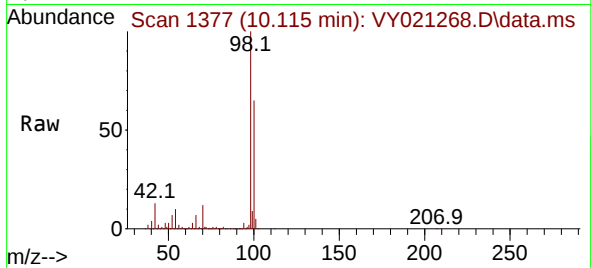




#50
Toluene-d8
Concen: 50.793 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.006 min
Lab File: VY021268.D
Acq: 20 Feb 2025 22:33

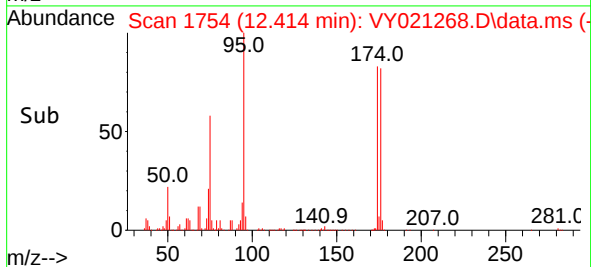
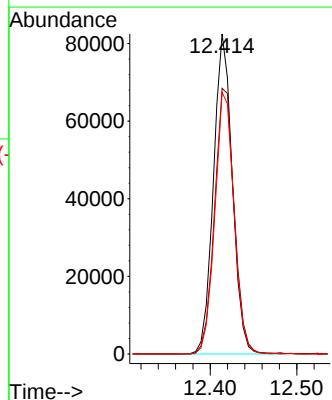
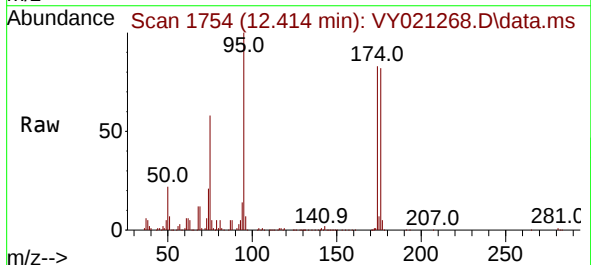
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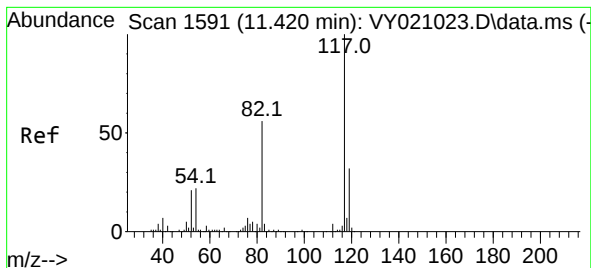
Tgt Ion: 98 Resp: 394704
Ion Ratio Lower Upper
98 100
100 64.4 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 49.117 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY021268.D
Acq: 20 Feb 2025 22:33

Tgt Ion: 95 Resp: 124693
Ion Ratio Lower Upper
95 100
174 86.9 0.0 160.0
176 83.3 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: VY021268.D

Acq: 20 Feb 2025 22:33

Instrument :

MSVOA_Y

ClientSampleId :

OU4-PCS-TC-10-021725

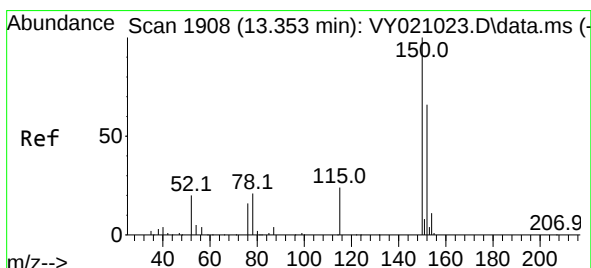
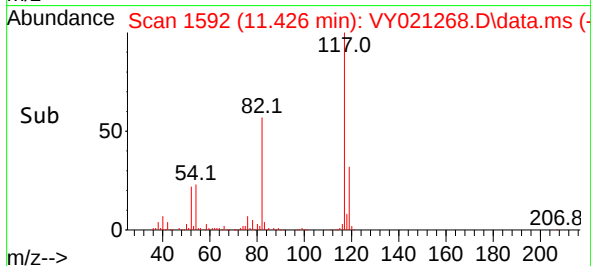
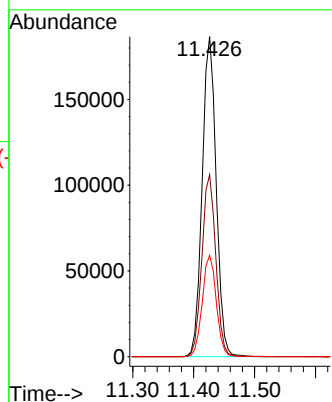
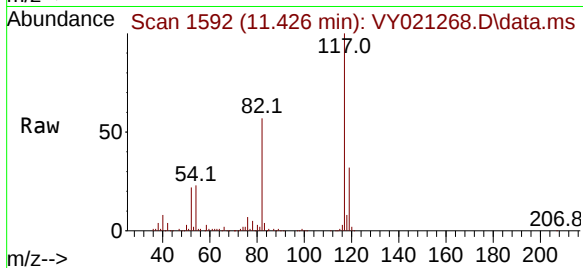
Tgt Ion:117 Resp: 298586

Ion Ratio Lower Upper

117 100

82 56.9 43.8 65.8

119 31.7 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: VY021268.D

Acq: 20 Feb 2025 22:33

Tgt Ion:152 Resp: 119883

Ion Ratio Lower Upper

152 100

115 58.7 30.0 90.0

150 157.0 0.0 344.6

