

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022025\
 Data File : VY021255.D
 Acq On : 20 Feb 2025 17:29
 Operator : SY/MD
 Sample : Q1383-09
 Misc : 5.87g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-PCS-TC-15-021725

Quant Time: Feb 21 02:43:58 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)

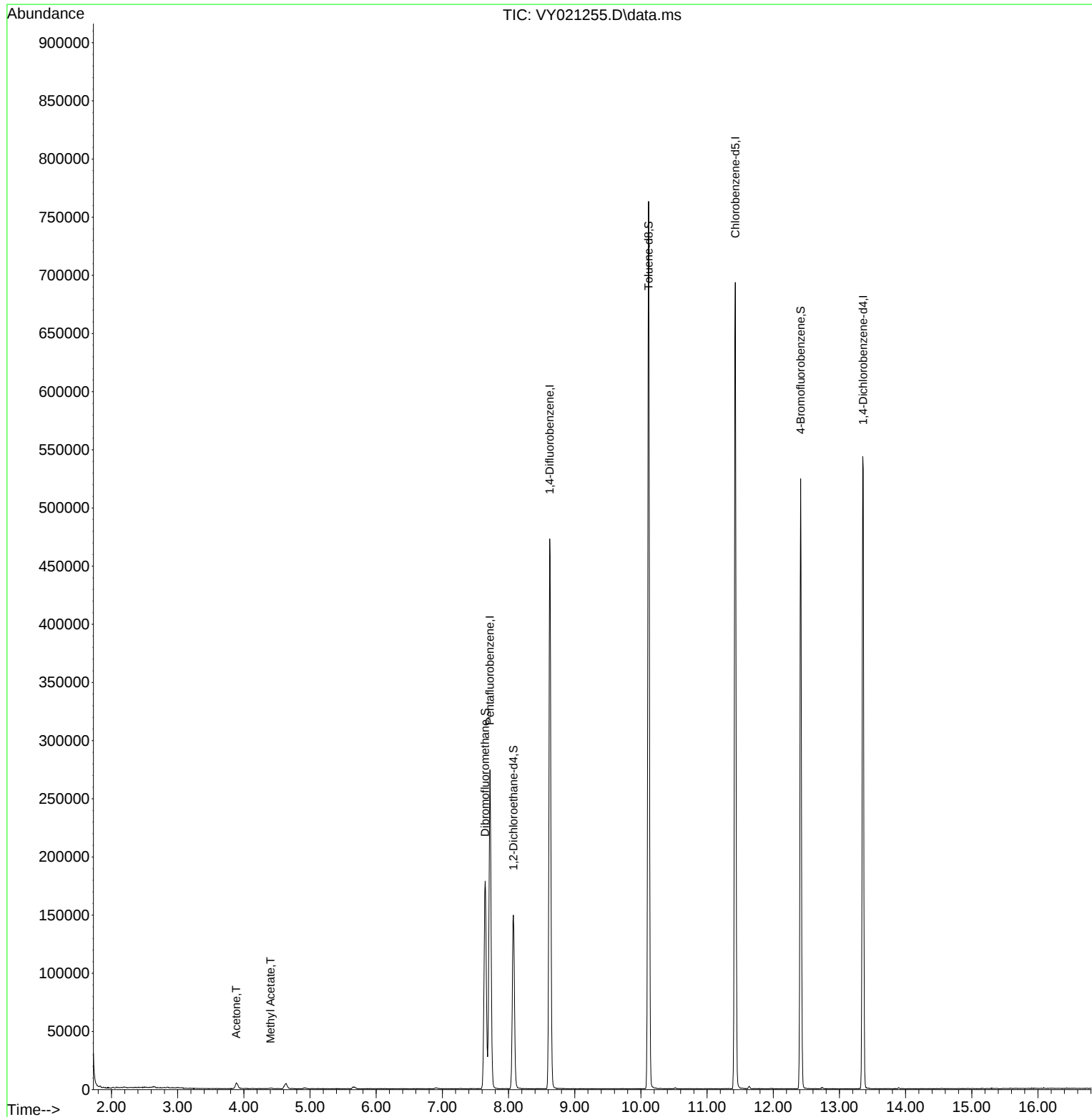
Internal Standards						
1) Pentafluorobenzene	7.719	168	201540	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	390065	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	356141	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	136636	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	120516	58.363	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.720%	
35) Dibromofluoromethane	7.646	113	127510	51.008	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.020%	
50) Toluene-d8	10.115	98	472335	49.631	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.260%	
62) 4-Bromofluorobenzene	12.414	95	148727	47.836	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 95.680%	
Target Compounds						Qvalue
16) Acetone	3.885	43	9425	29.268	ug/l #	87
18) Methyl Acetate	4.403	43	1403	1.241	ug/l #	87

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

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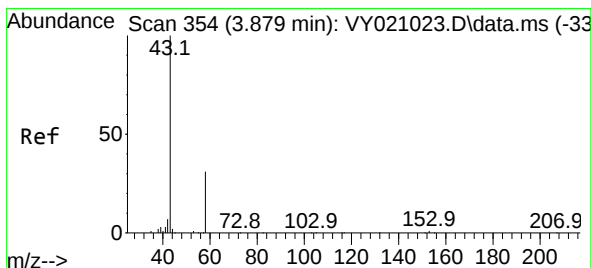
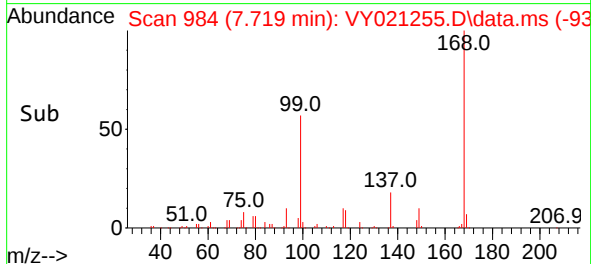
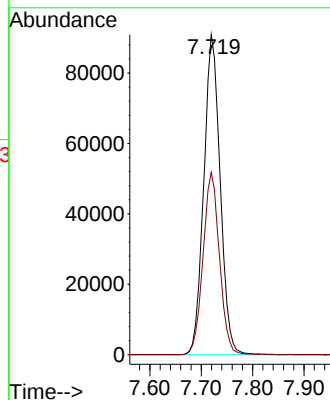
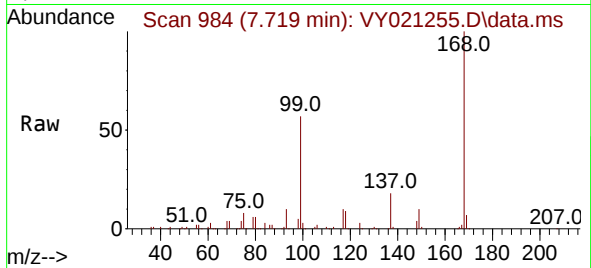




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 983
Delta R.T. 0.006 min
Lab File: VY021255.D
Acq: 20 Feb 2025 17:29

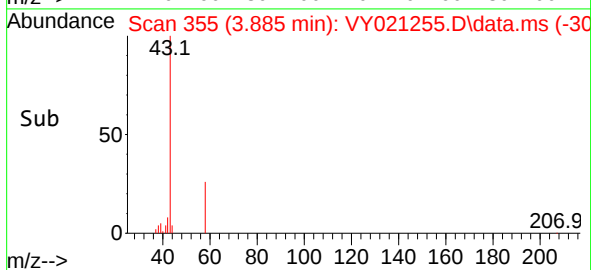
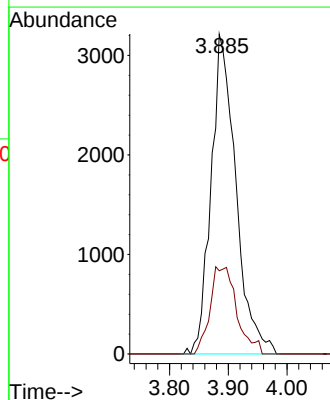
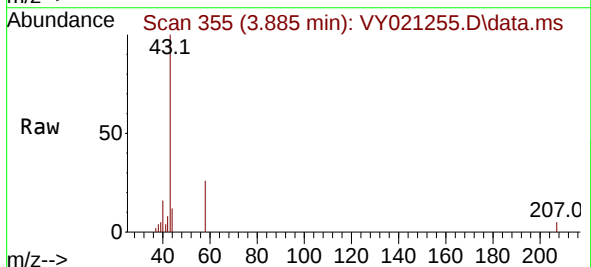
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-15-021725

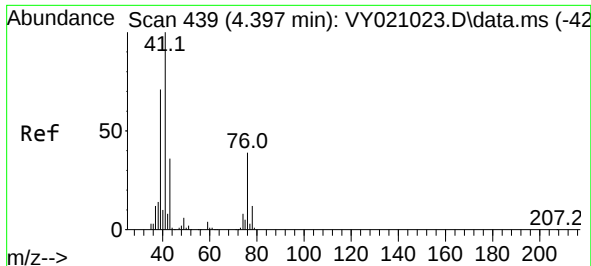
Tgt Ion:168 Resp: 201540
Ion Ratio Lower Upper
168 100
99 56.9 44.2 66.4



#16
Acetone
Concen: 29.268 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.006 min
Lab File: VY021255.D
Acq: 20 Feb 2025 17:29

Tgt Ion: 43 Resp: 9425
Ion Ratio Lower Upper
43 100
58 26.0 26.6 39.8#

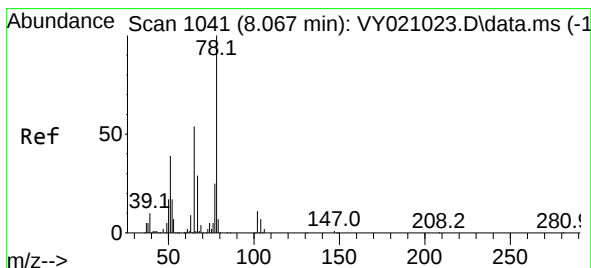
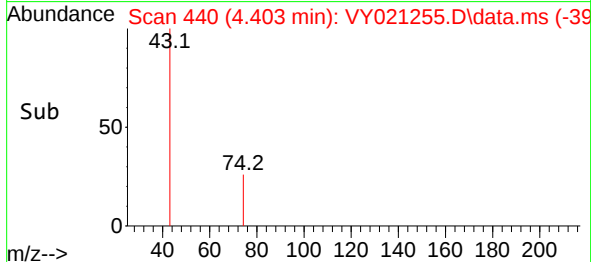
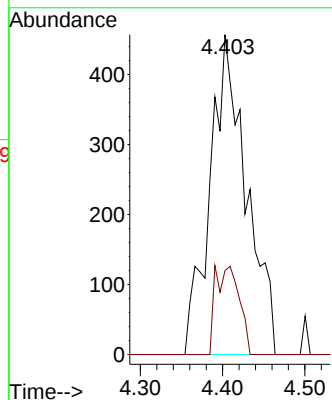
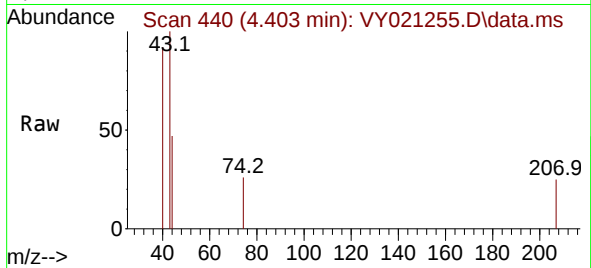




#18
Methyl Acetate
Concen: 1.241 ug/l
RT: 4.403 min Scan# 440
Delta R.T. 0.006 min
Lab File: VY021255.D
Acq: 20 Feb 2025 17:29

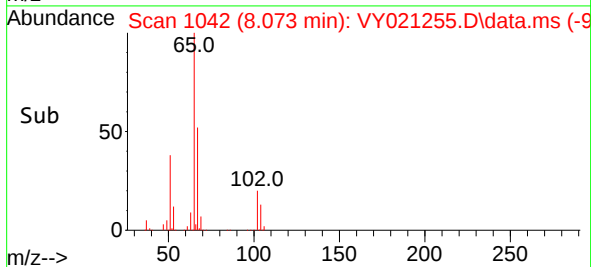
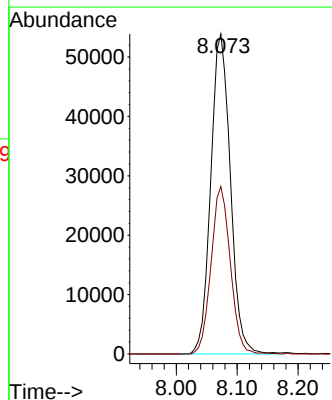
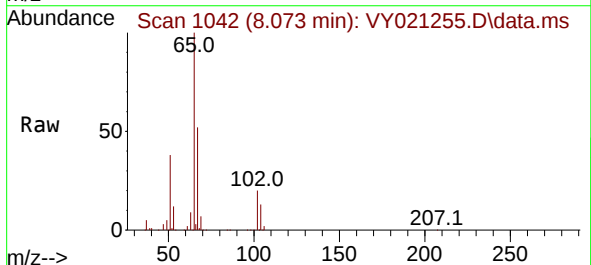
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-15-021725

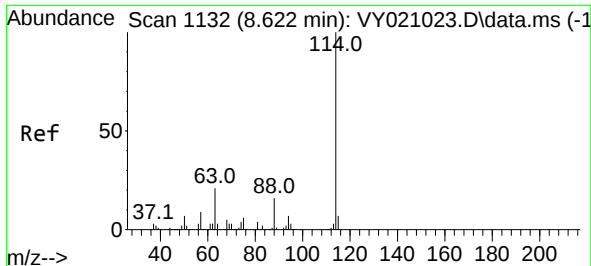
Tgt Ion: 43 Resp: 1403
Ion Ratio Lower Upper
43 100
74 18.1 19.8 29.6#



#33
1,2-Dichloroethane-d4
Concen: 58.363 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VY021255.D
Acq: 20 Feb 2025 17:29

Tgt Ion: 65 Resp: 120516
Ion Ratio Lower Upper
65 100
67 51.3 0.0 109.0

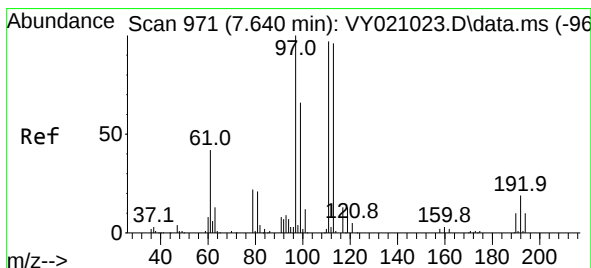
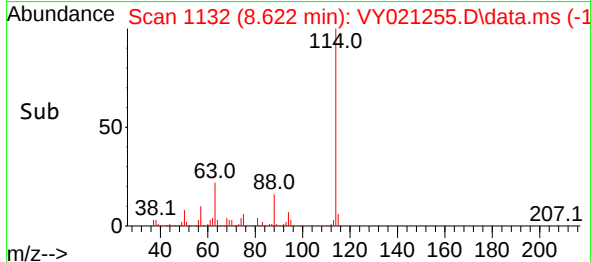
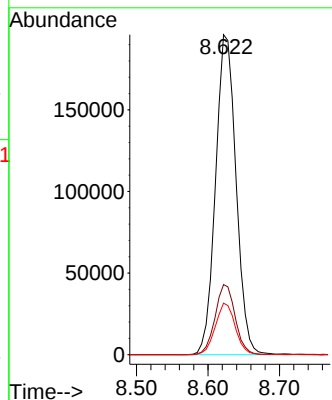
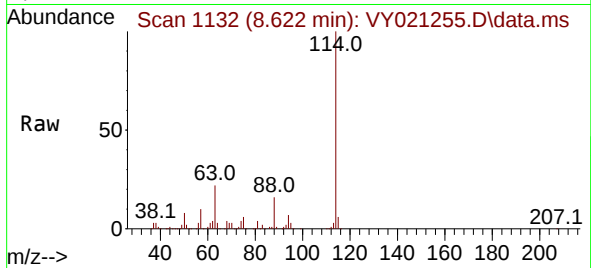




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VY021255.D
Acq: 20 Feb 2025 17:29

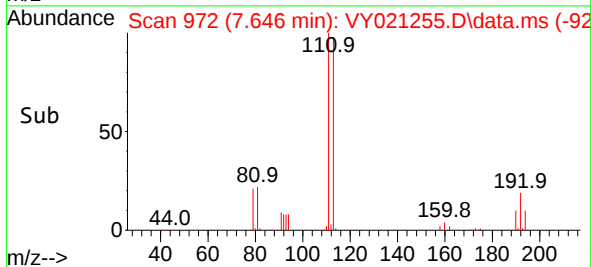
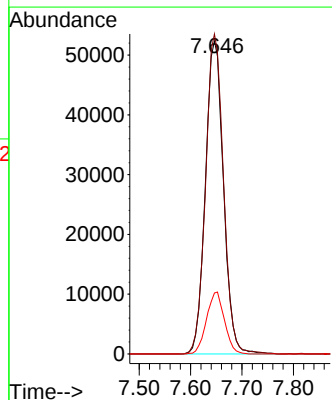
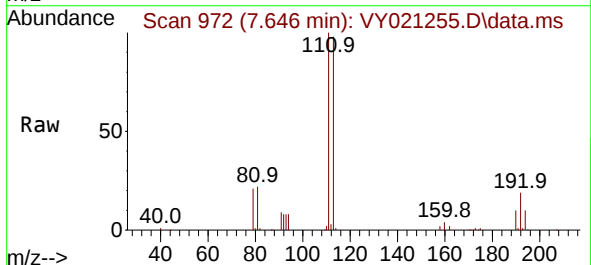
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-15-021725

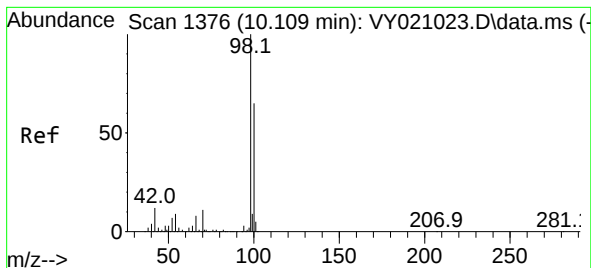
Tgt Ion:114 Resp: 390065
Ion Ratio Lower Upper
114 100
63 21.9 0.0 37.4
88 16.1 0.0 29.0



#35
Dibromofluoromethane
Concen: 51.008 ug/l
RT: 7.646 min Scan# 972
Delta R.T. 0.006 min
Lab File: VY021255.D
Acq: 20 Feb 2025 17:29

Tgt Ion:113 Resp: 127510
Ion Ratio Lower Upper
113 100
111 101.6 83.8 125.6
192 19.6 14.5 21.7

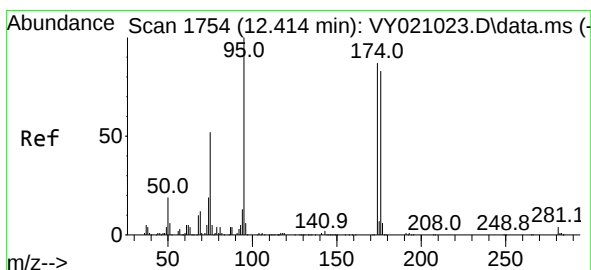
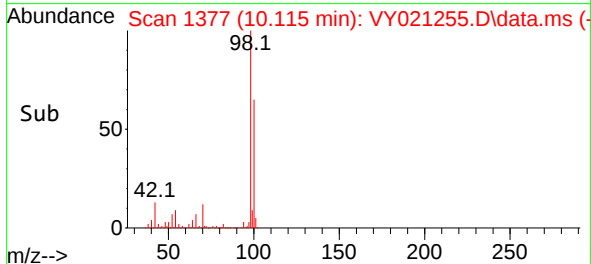
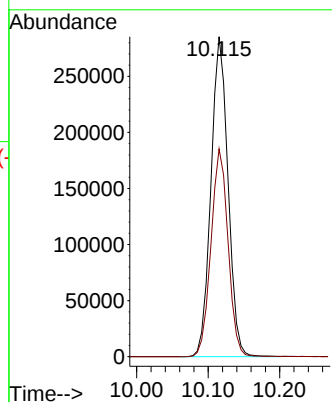
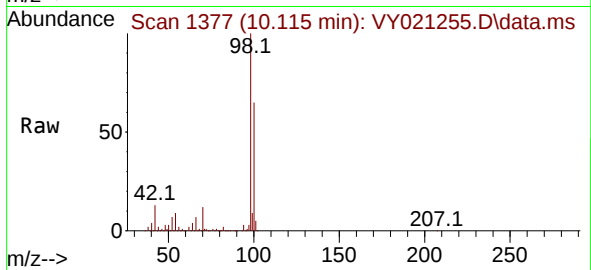




#50
Toluene-d8
Concen: 49.631 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.006 min
Lab File: VY021255.D
Acq: 20 Feb 2025 17:29

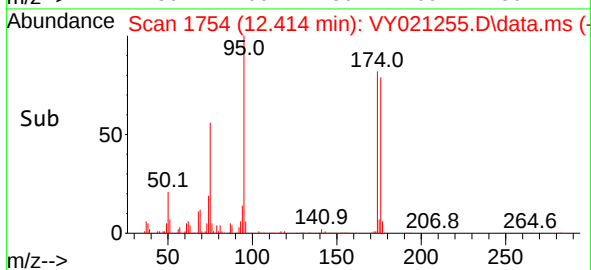
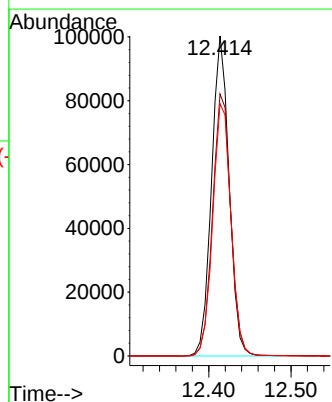
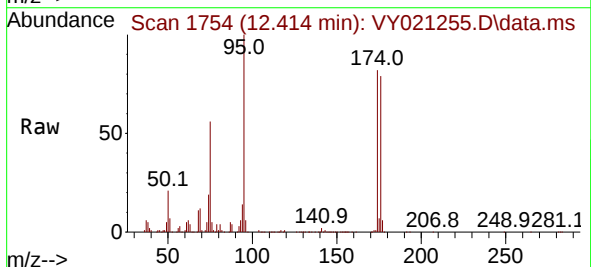
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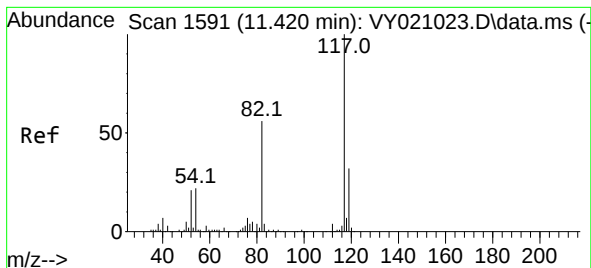
Tgt Ion: 98 Resp: 472335
Ion Ratio Lower Upper
98 100
100 65.0 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 47.836 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY021255.D
Acq: 20 Feb 2025 17:29

Tgt Ion: 95 Resp: 148727
Ion Ratio Lower Upper
95 100
174 84.9 0.0 160.0
176 82.1 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: VY021255.D

Acq: 20 Feb 2025 17:29

Instrument :

MSVOA_Y

ClientSampleId :

OU4-PCS-TC-15-021725

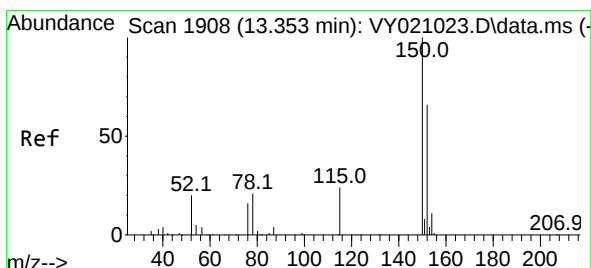
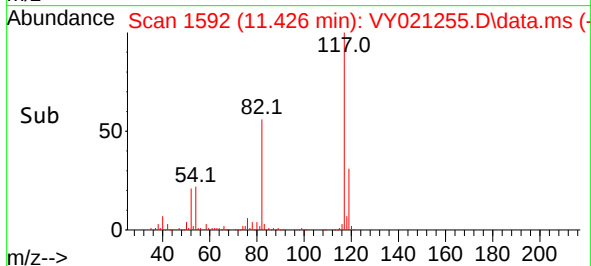
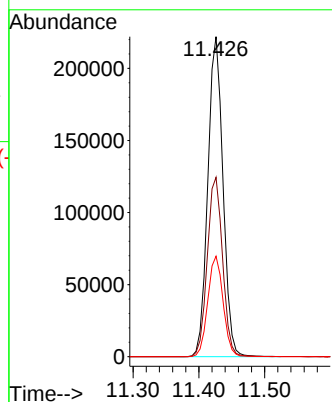
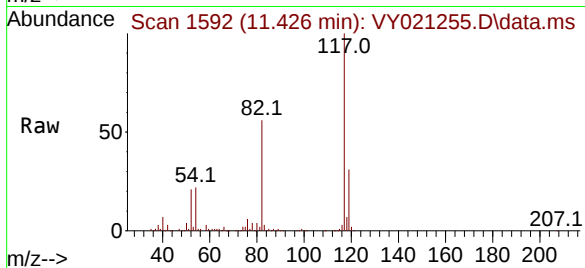
Tgt Ion:117 Resp: 356141

Ion Ratio Lower Upper

117 100

82 56.1 43.8 65.8

119 31.4 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: VY021255.D

Acq: 20 Feb 2025 17:29

Tgt Ion:152 Resp: 136636

Ion Ratio Lower Upper

152 100

115 59.2 30.0 90.0

150 158.7 0.0 344.6

