

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022625\
 Data File : VY021332.D
 Acq On : 26 Feb 2025 15:27
 Operator : SY/MD
 Sample : Q1383-09
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Feb 27 00:38:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 26 02:09:13 2025
 Response via : Initial Calibration

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

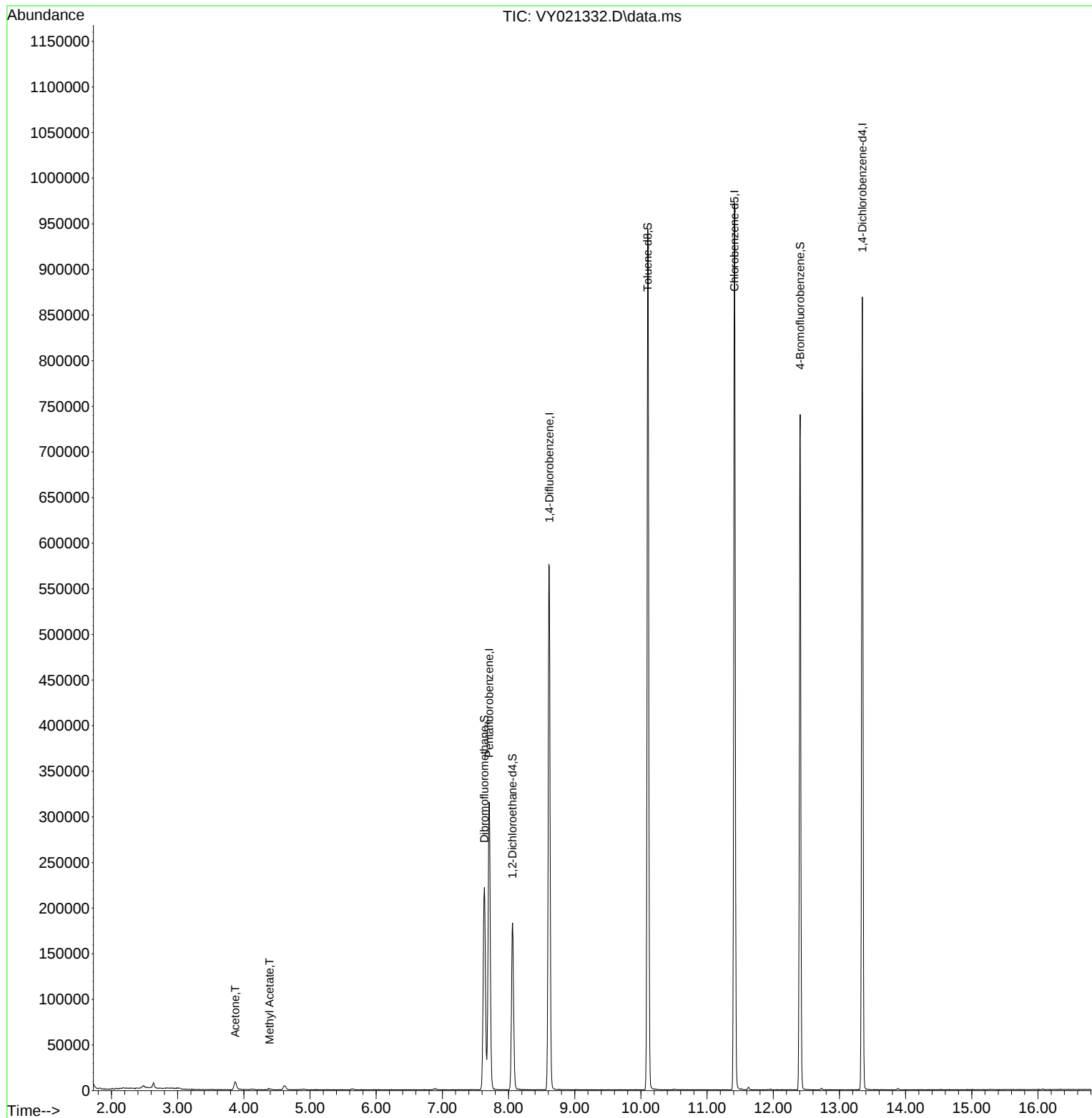
Internal Standards						
1) Pentafluorobenzene	7.707	168	240886	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	477609	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	478629	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	207331	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	143126	52.376	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.760%	
35) Dibromofluoromethane	7.634	113	156477	49.973	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.940%	
50) Toluene-d8	10.103	98	597165	49.347	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.700%	
62) 4-Bromofluorobenzene	12.408	95	211444	51.918	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.840%	
Target Compounds						
					Qvalue	
16) Acetone	3.873	43	15662	29.879	ug/l	96
18) Methyl Acetate	4.391	43	2235	1.745	ug/l	93

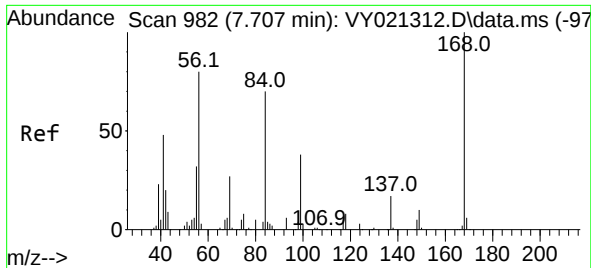
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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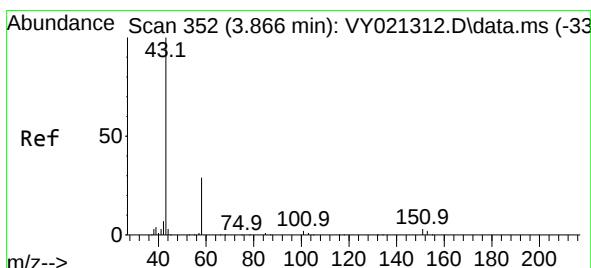
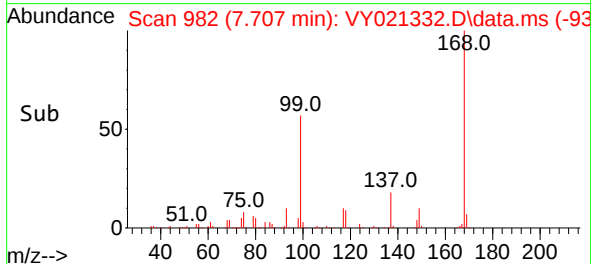
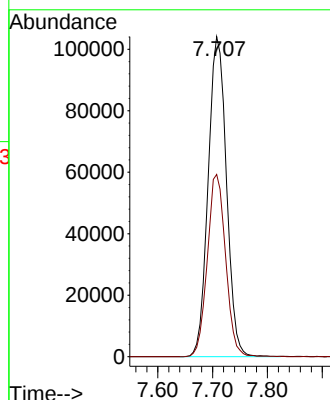
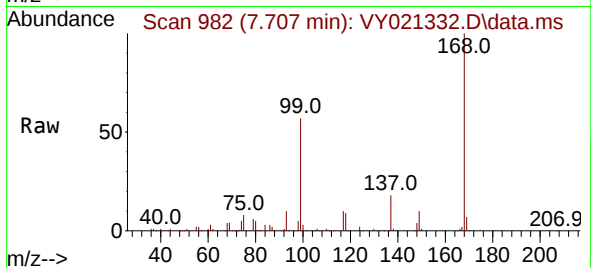




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021332.D
Acq: 26 Feb 2025 15:27

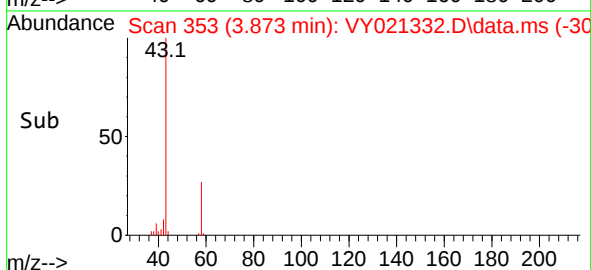
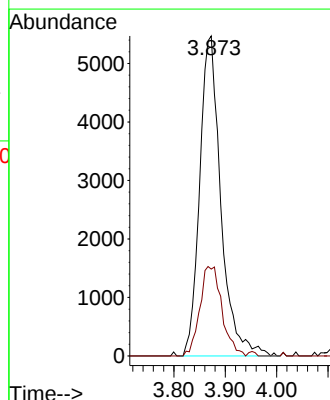
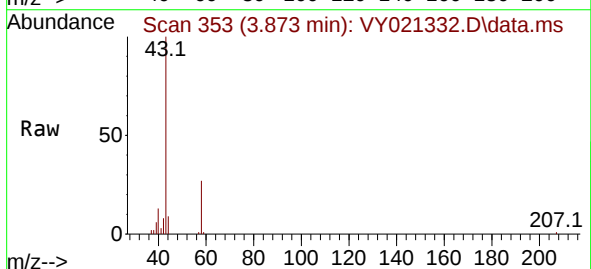
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-15-021725

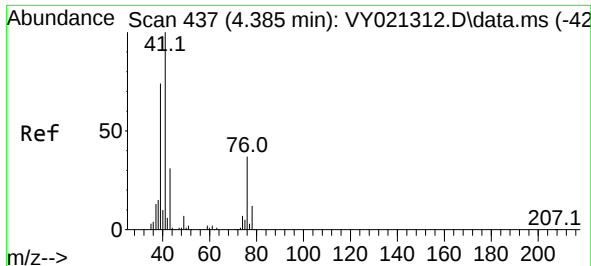
Tgt Ion:168 Resp: 240886
Ion Ratio Lower Upper
168 100
99 56.9 47.1 70.7



#16
Acetone
Concen: 29.879 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.006 min
Lab File: VY021332.D
Acq: 26 Feb 2025 15:27

Tgt Ion: 43 Resp: 15662
Ion Ratio Lower Upper
43 100
58 27.2 23.5 35.3

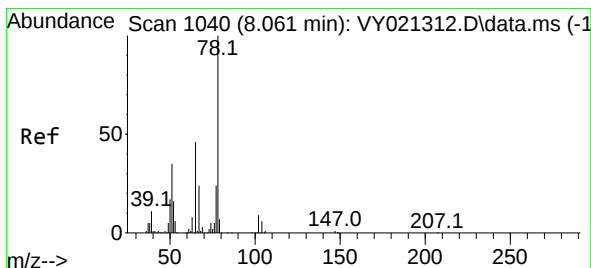
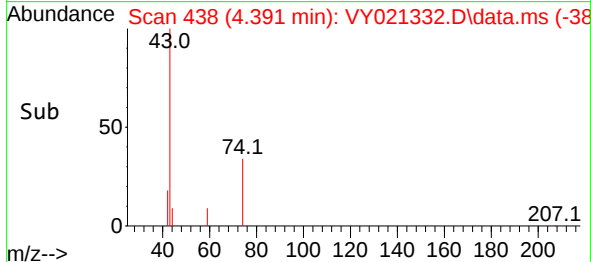
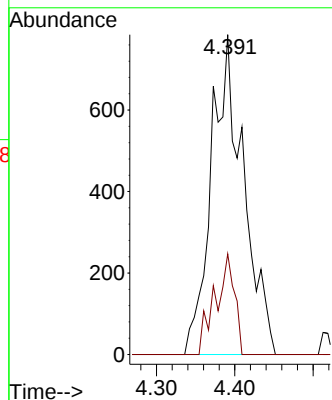
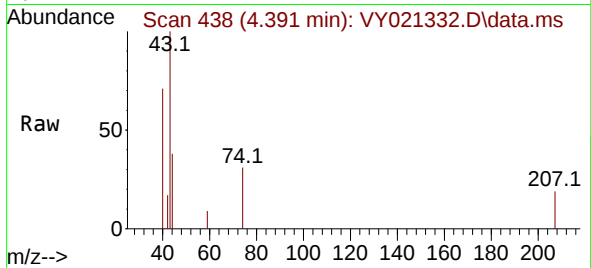




#18
Methyl Acetate
Concen: 1.745 ug/l
RT: 4.391 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY021332.D
Acq: 26 Feb 2025 15:27

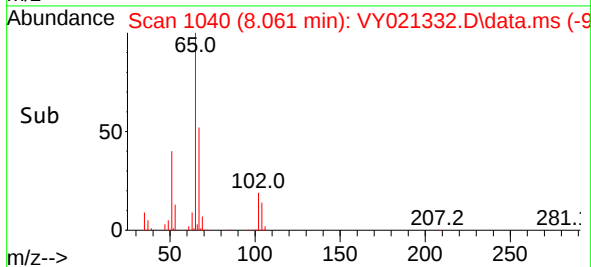
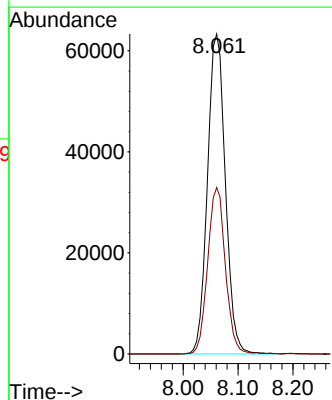
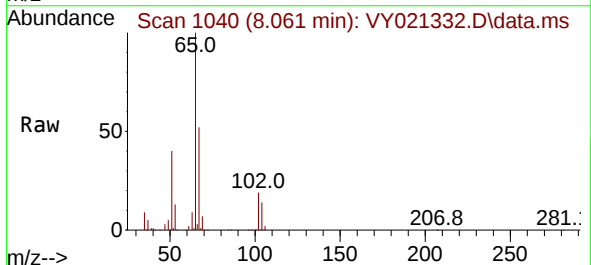
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-15-021725

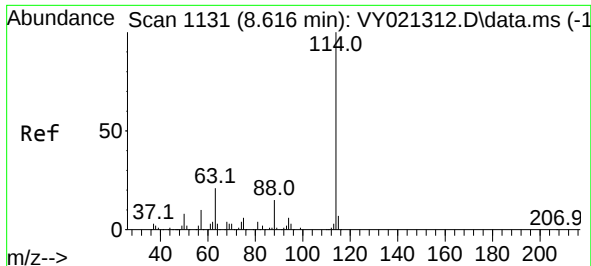
Tgt Ion: 43 Resp: 2235
Ion Ratio Lower Upper
43 100
74 18.9 17.7 26.5



#33
1,2-Dichloroethane-d4
Concen: 52.376 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021332.D
Acq: 26 Feb 2025 15:27

Tgt Ion: 65 Resp: 143126
Ion Ratio Lower Upper
65 100
67 51.4 0.0 103.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021332.D

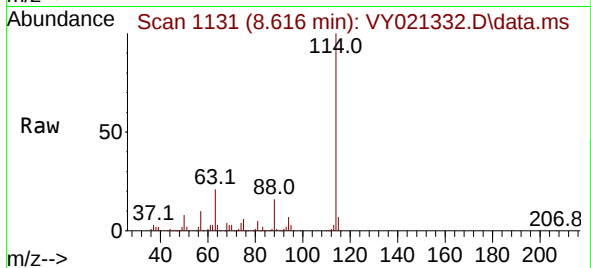
Acq: 26 Feb 2025 15:27

Instrument :

MSVOA_Y

ClientSampleId :

OU4-PCS-TC-15-021725



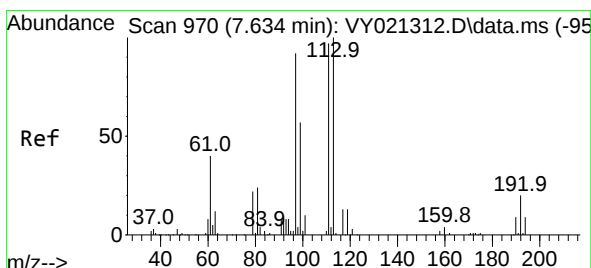
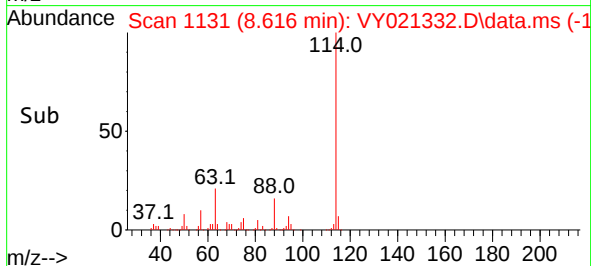
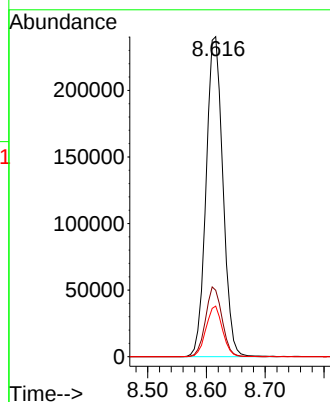
Tgt Ion:114 Resp: 477609

Ion Ratio Lower Upper

114 100

63 20.7 0.0 42.2

88 15.8 0.0 29.8



#35

Dibromofluoromethane

Concen: 49.973 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY021332.D

Acq: 26 Feb 2025 15:27

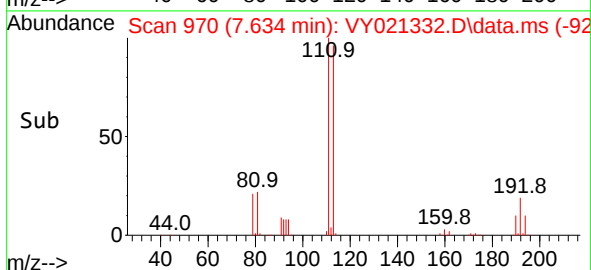
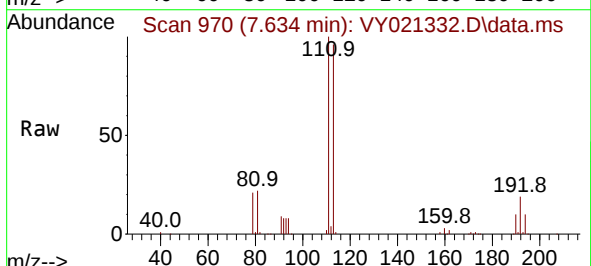
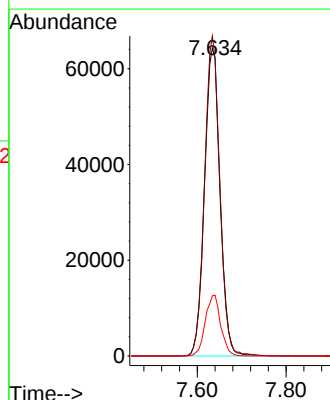
Tgt Ion:113 Resp: 156477

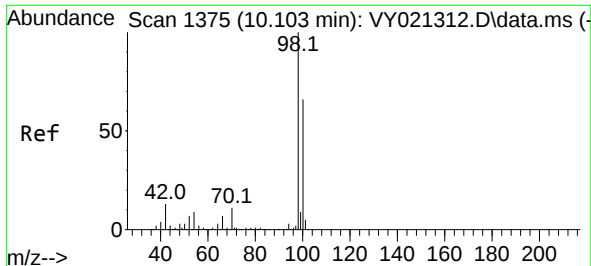
Ion Ratio Lower Upper

113 100

111 102.6 81.0 121.6

192 19.6 15.8 23.8

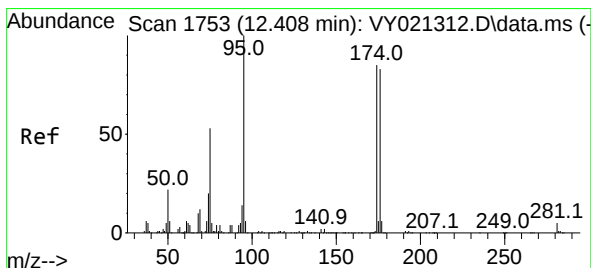
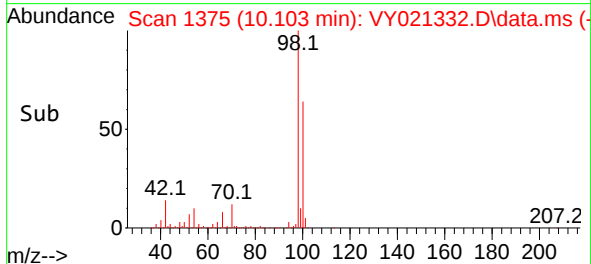
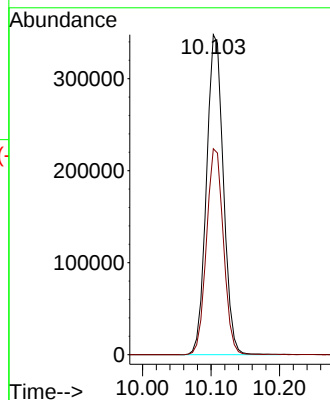
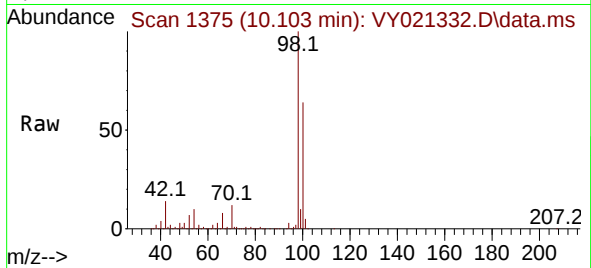




#50
Toluene-d8
Concen: 49.347 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021332.D
Acq: 26 Feb 2025 15:27

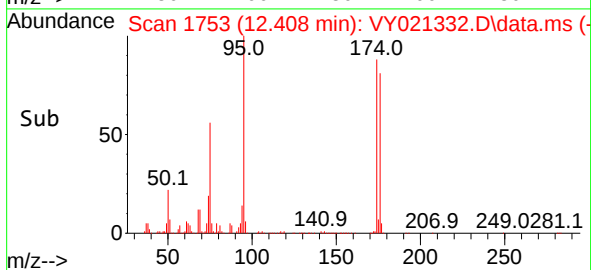
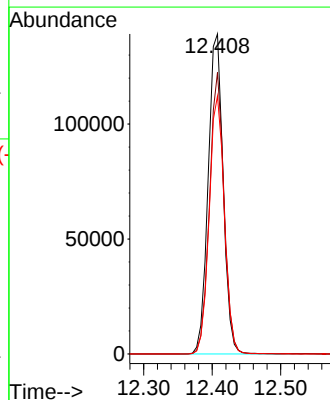
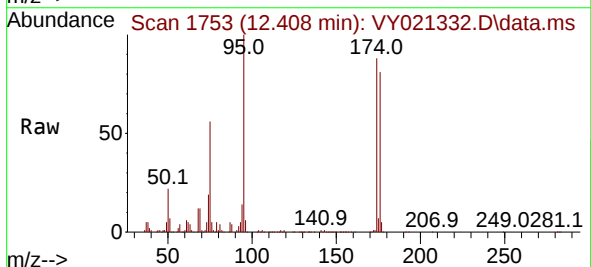
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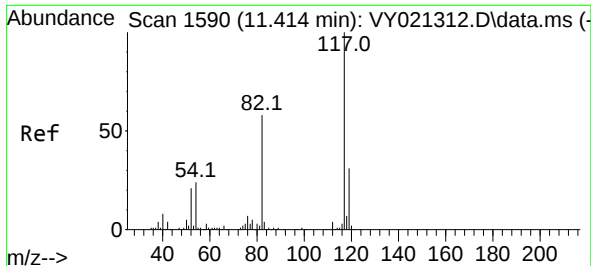
Tgt Ion: 98 Resp: 597165
Ion Ratio Lower Upper
98 100
100 64.7 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 51.918 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021332.D
Acq: 26 Feb 2025 15:27

Tgt Ion: 95 Resp: 211444
Ion Ratio Lower Upper
95 100
174 86.0 0.0 168.0
176 81.5 0.0 162.6

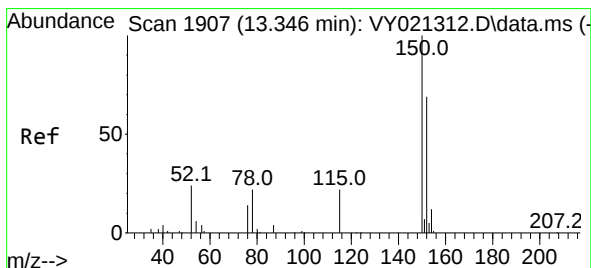
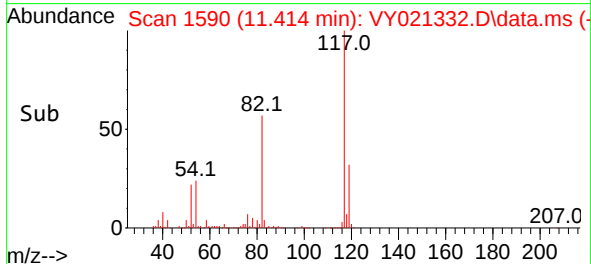
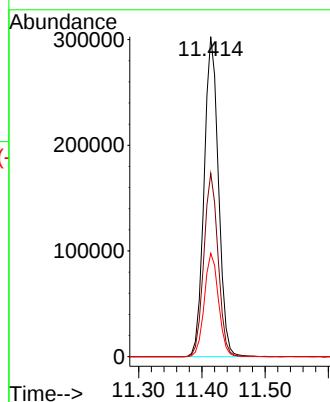
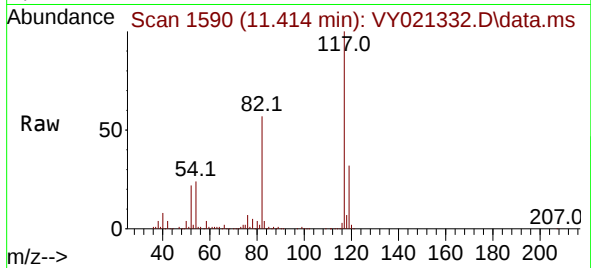




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VY021332.D
Acq: 26 Feb 2025 15:27

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

Tgt Ion:117 Resp: 478629
Ion Ratio Lower Upper
117 100
82 57.3 46.2 69.4
119 32.3 24.9 37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY021332.D
Acq: 26 Feb 2025 15:27

Tgt Ion:152 Resp: 207331
Ion Ratio Lower Upper
152 100
115 58.8 29.3 88.0
150 156.4 0.0 347.4

