

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022025\
 Data File : VY021259.D
 Acq On : 20 Feb 2025 19:03
 Operator : SY/MD
 Sample : Q1383-17
 Misc : 5.61g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-PCS-TC-19-021725

Quant Time: Feb 21 02:45:23 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)

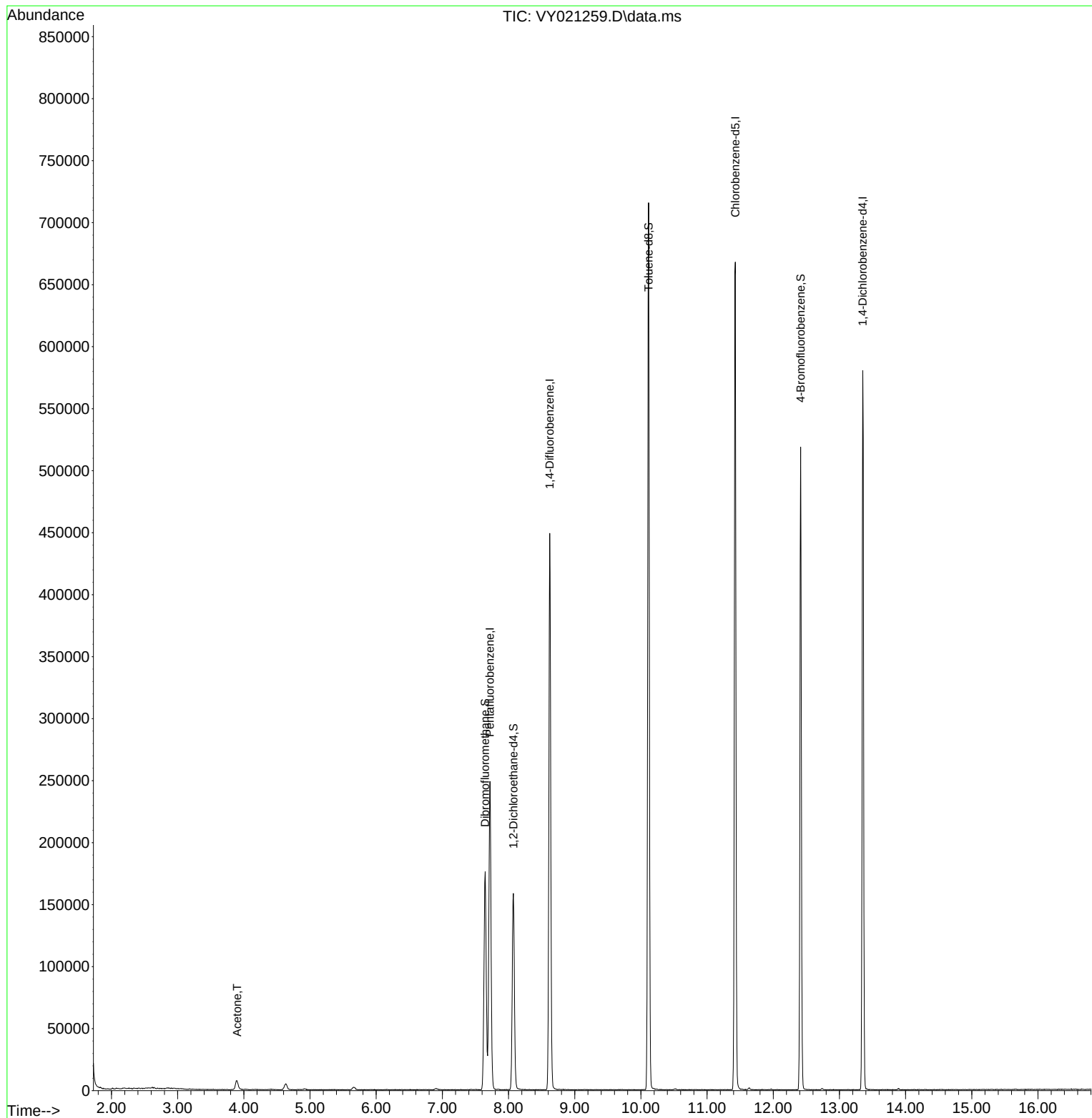
Internal Standards						
1) Pentafluorobenzene	7.719	168	188529	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	362333	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	345363	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	138680	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	130425	67.521	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 135.040%	
35) Dibromofluoromethane	7.646	113	123799	53.314	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.620%	
50) Toluene-d8	10.115	98	444438	50.274	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.540%	
62) 4-Bromofluorobenzene	12.414	95	150964	52.271	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.540%	
Target Compounds						
16) Acetone	3.897	43	13969	46.373	ug/l	Qvalue 99

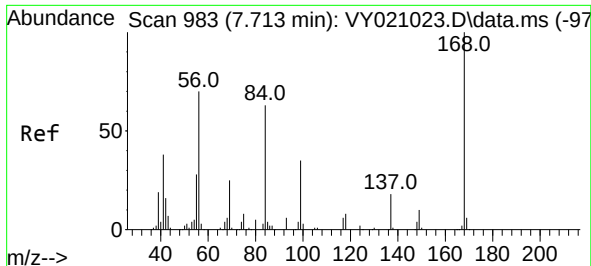
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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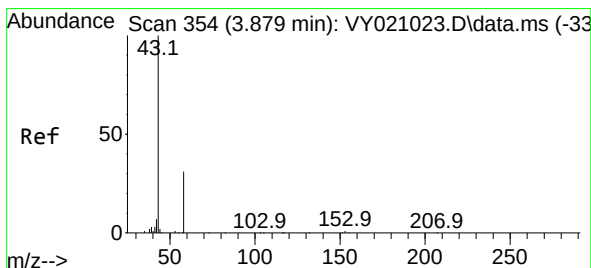
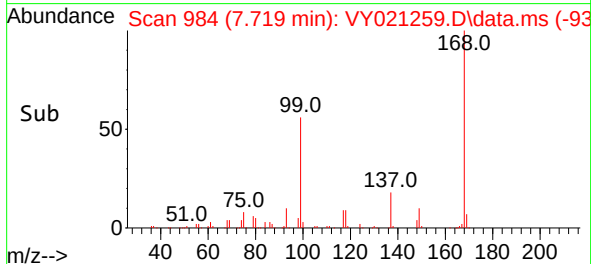
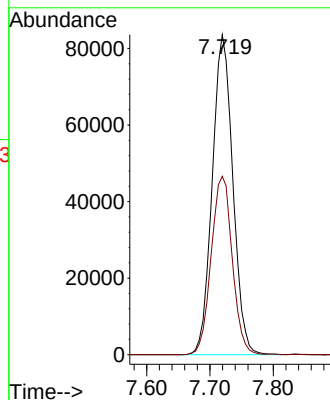
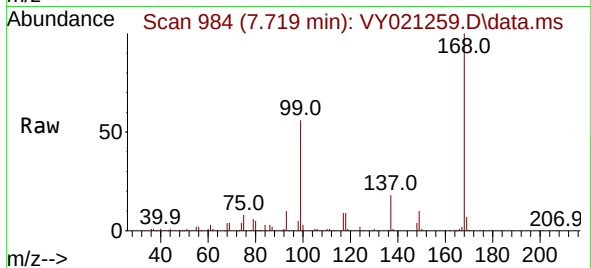




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021259.D
Acq: 20 Feb 2025 19:03

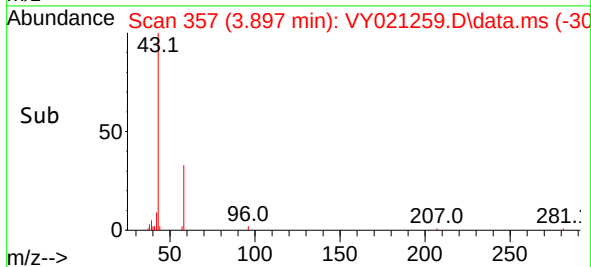
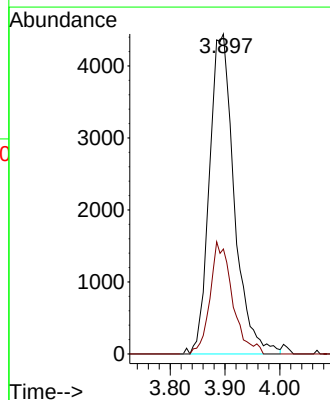
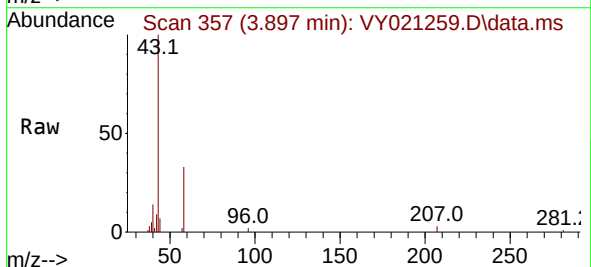
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-19-021725

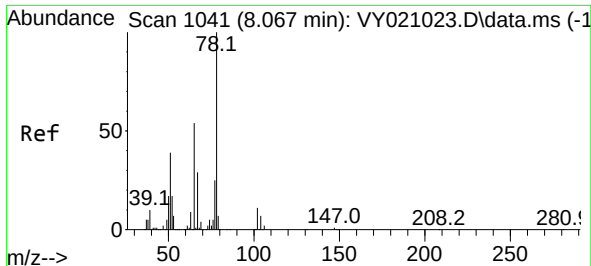
Tgt Ion:168 Resp: 188529
Ion Ratio Lower Upper
168 100
99 55.7 44.2 66.4



#16
Acetone
Concen: 46.373 ug/l
RT: 3.897 min Scan# 357
Delta R.T. 0.018 min
Lab File: VY021259.D
Acq: 20 Feb 2025 19:03

Tgt Ion: 43 Resp: 13969
Ion Ratio Lower Upper
43 100
58 32.8 26.6 39.8





#33

1,2-Dichloroethane-d4

Concen: 67.521 ug/l

RT: 8.073 min Scan# 1104

Delta R.T. 0.006 min

Lab File: VY021259.D

Acq: 20 Feb 2025 19:03

Instrument :

MSVOA_Y

ClientSampleId :

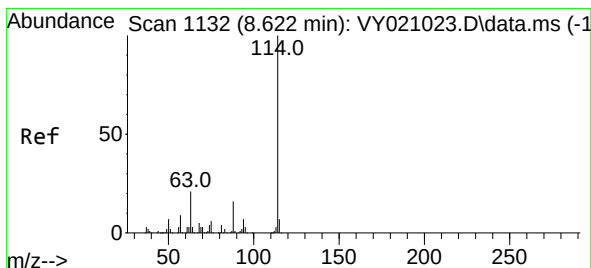
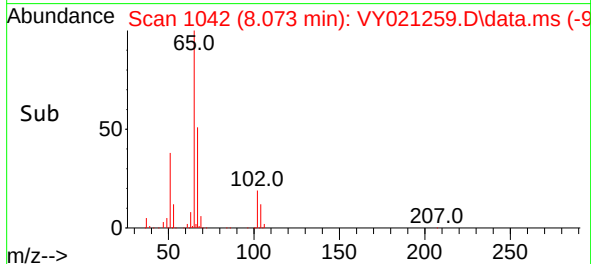
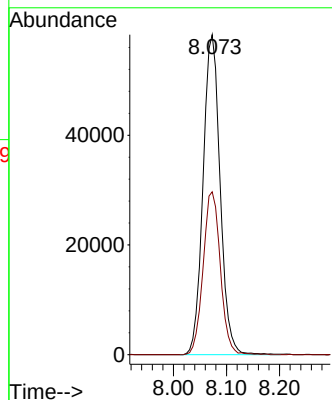
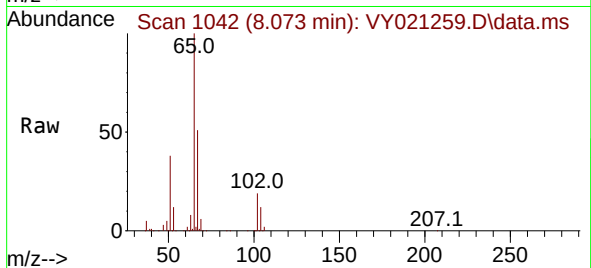
OU4-PCS-TC-19-021725

Tgt Ion: 65 Resp: 130425

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: VY021259.D

Acq: 20 Feb 2025 19:03

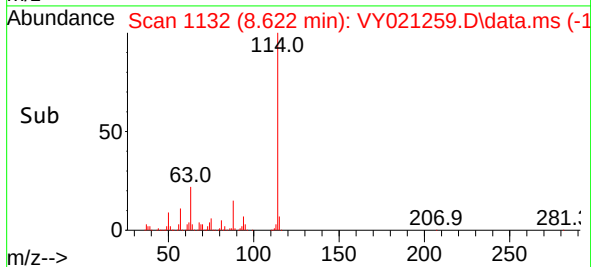
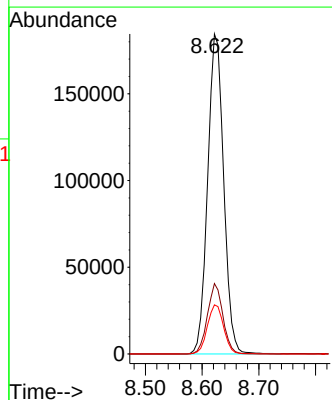
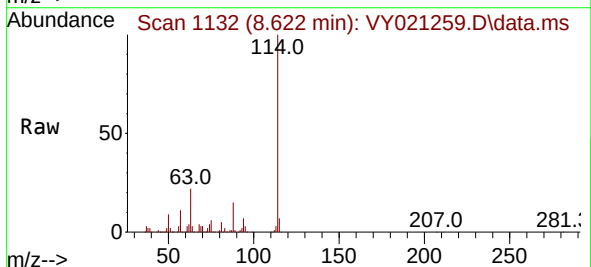
Tgt Ion:114 Resp: 362333

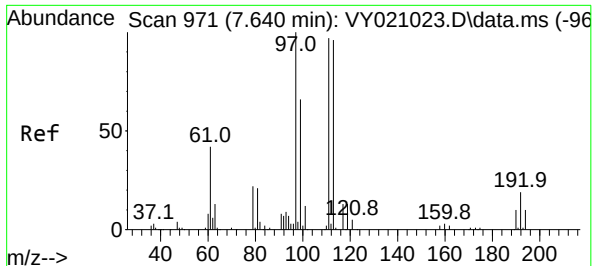
Ion Ratio Lower Upper

114 100

63 22.0 0.0 37.4

88 15.3 0.0 29.0





#35

Dibromofluoromethane

Concen: 53.314 ug/l

RT: 7.646 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY021259.D

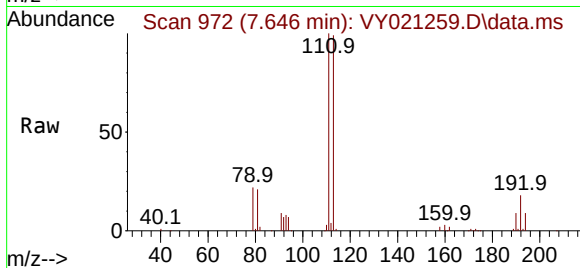
Acq: 20 Feb 2025 19:03

Instrument :

MSVOA_Y

ClientSampleId :

OU4-PCS-TC-19-021725



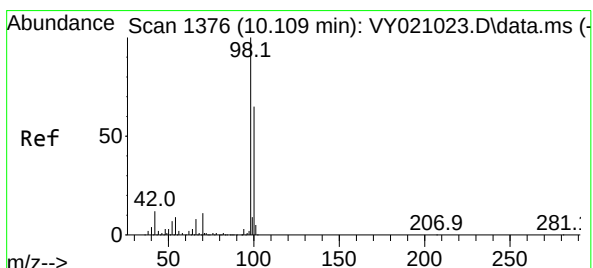
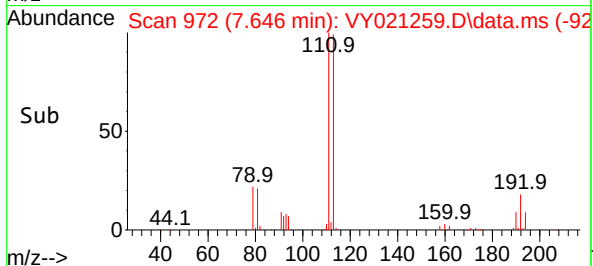
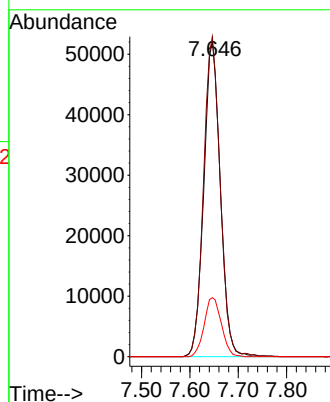
Tgt Ion:113 Resp: 123799

Ion Ratio Lower Upper

113 100

111 102.2 83.8 125.6

192 19.4 14.5 21.7



#50

Toluene-d8

Concen: 50.274 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.006 min

Lab File: VY021259.D

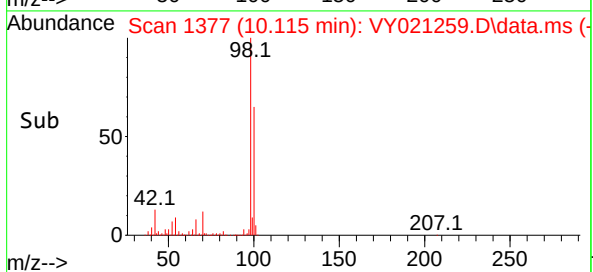
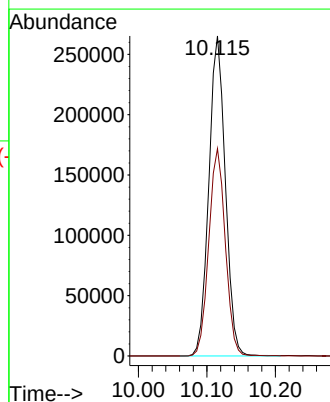
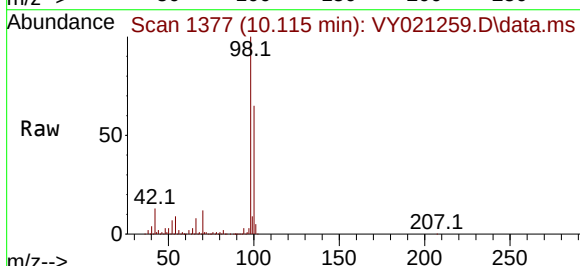
Acq: 20 Feb 2025 19:03

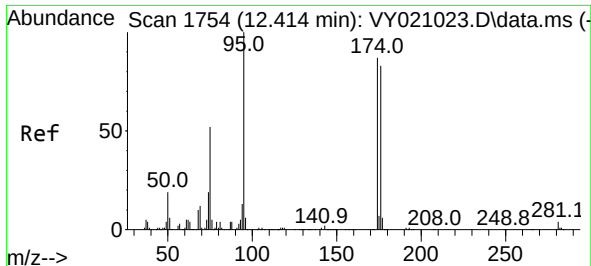
Tgt Ion: 98 Resp: 444438

Ion Ratio Lower Upper

98 100

100 65.0 52.3 78.5

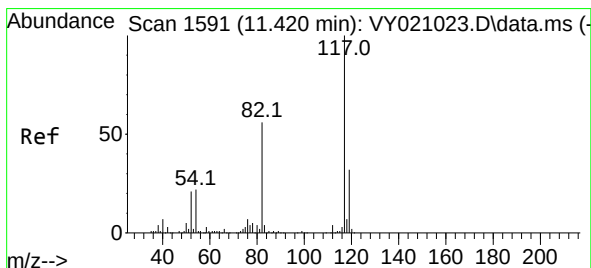
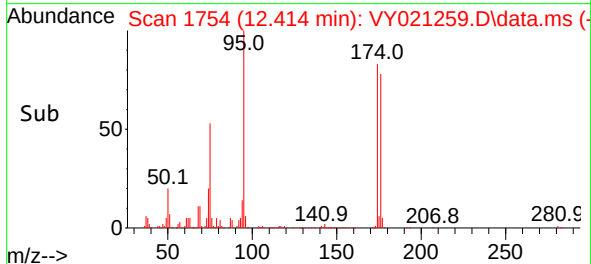
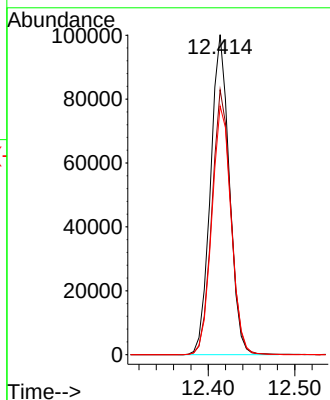
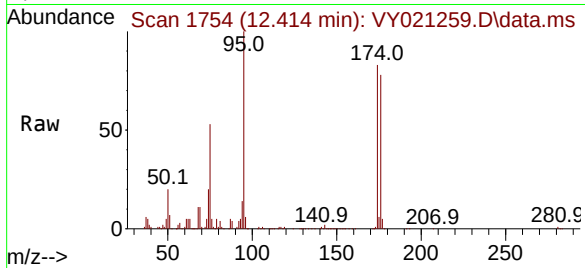




#62
4-Bromofluorobenzene
Concen: 52.271 ug/l
RT: 12.414 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021259.D
Acq: 20 Feb 2025 19:03

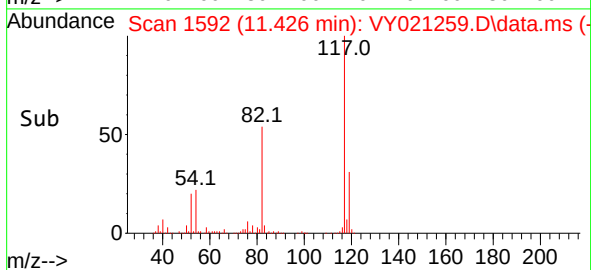
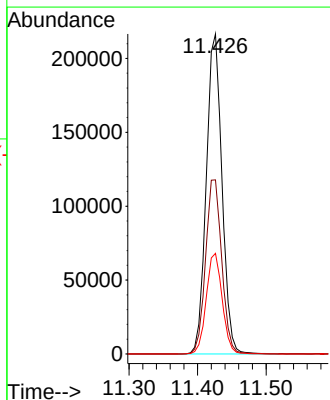
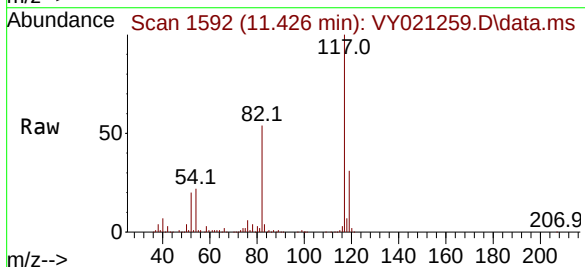
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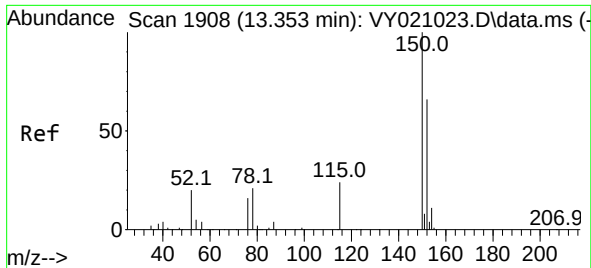
Tgt Ion: 95 Resp: 150964
Ion Ratio Lower Upper
95 100
174 83.5 0.0 160.0
176 80.0 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 1592
Delta R.T. 0.006 min
Lab File: VY021259.D
Acq: 20 Feb 2025 19:03

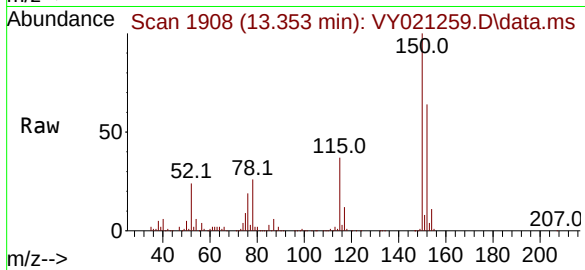
Tgt Ion: 117 Resp: 345363
Ion Ratio Lower Upper
117 100
82 54.4 43.8 65.8
119 31.4 26.5 39.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.353 min Scan# 1908
 Delta R.T. -0.000 min
 Lab File: VY021259.D
 Acq: 20 Feb 2025 19:03

Instrument :
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 ClientSampleId :
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Tgt Ion:	152	Resp:	138680
Ion	Ratio	Lower	Upper
152	100		
115	59.2	30.0	90.0
150	158.8	0.0	344.6

