

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020525\
 Data File : VY021088.D
 Acq On : 05 Feb 2025 15:01
 Operator : SY/MD
 Sample : Q1289-04
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FL-DRUMS-B

Quant Time: Feb 06 00:35:59 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)

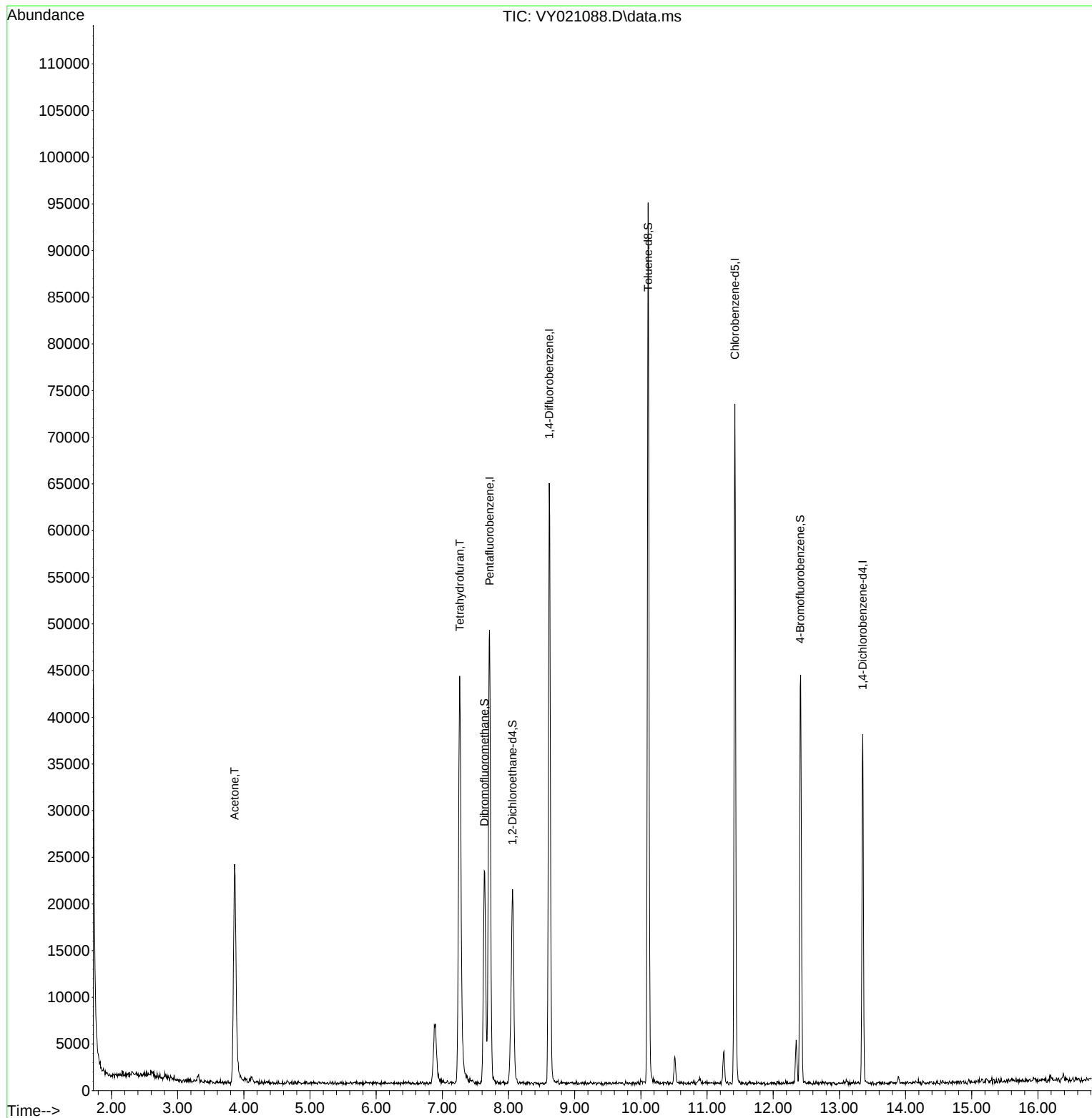
Internal Standards						
1) Pentafluorobenzene	7.713	168	39630	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	55839	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	38130	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	9302	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	14612	35.986	ug/l	0.00
Spiked Amount 50.000	Range	50 - 163	Recovery	=	71.980%	
35) Dibromofluoromethane	7.634	113	16729	46.748	ug/l	0.00
Spiked Amount 50.000	Range	54 - 147	Recovery	=	93.500%	
50) Toluene-d8	10.109	98	60736	44.581	ug/l	0.00
Spiked Amount 50.000	Range	58 - 134	Recovery	=	89.160%	
62) 4-Bromofluorobenzene	12.408	95	12518	28.125	ug/l	0.00
Spiked Amount 50.000	Range	30 - 143	Recovery	=	56.260%	
Target Compounds						
16) Acetone	3.860	43	42480	670.865	ug/l	95
29) Tetrahydrofuran	7.262	42	35472	503.795	ug/l	97

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

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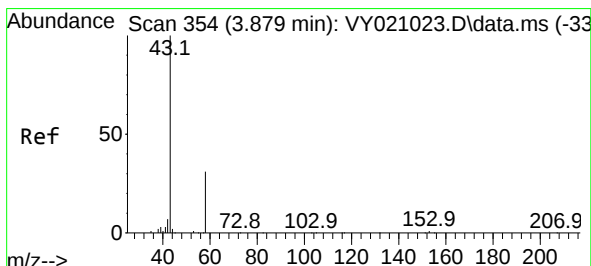
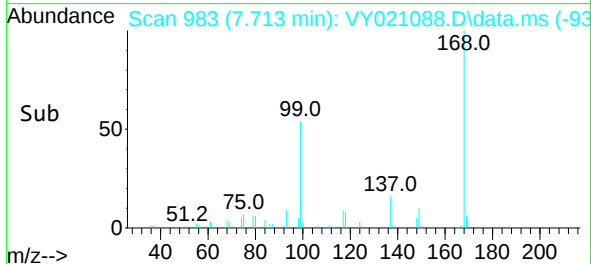
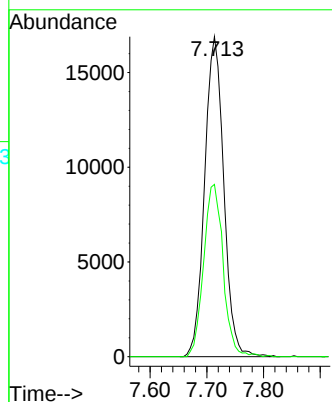
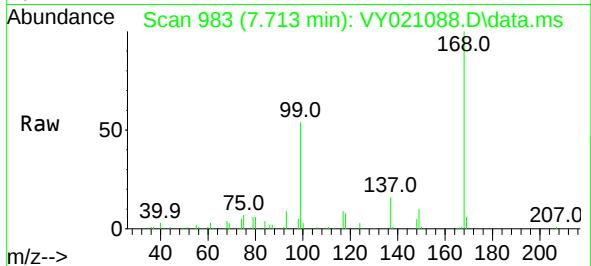




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY021088.D
Acq: 05 Feb 2025 15:01

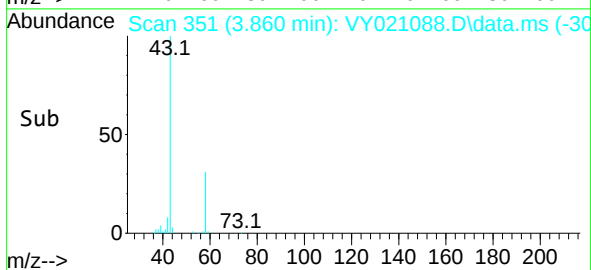
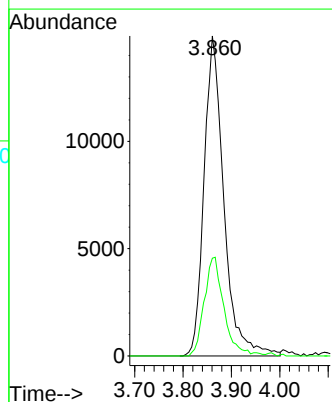
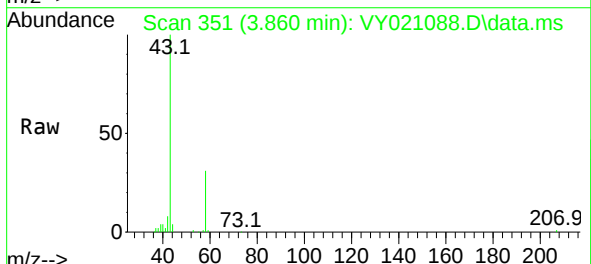
Instrument :
MSVOA_Y
ClientSampleId :
FL-DRUMS-B

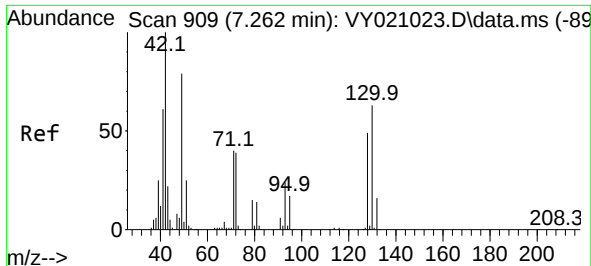
Tgt Ion:168 Resp: 39630
Ion Ratio Lower Upper
168 100
99 53.9 44.2 66.4



#16
Acetone
Concen: 670.865 ug/l
RT: 3.860 min Scan# 351
Delta R.T. -0.018 min
Lab File: VY021088.D
Acq: 05 Feb 2025 15:01

Tgt Ion: 43 Resp: 42480
Ion Ratio Lower Upper
43 100
58 30.6 26.6 39.8





#29

Tetrahydrofuran

Concen: 503.795 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY021088.D

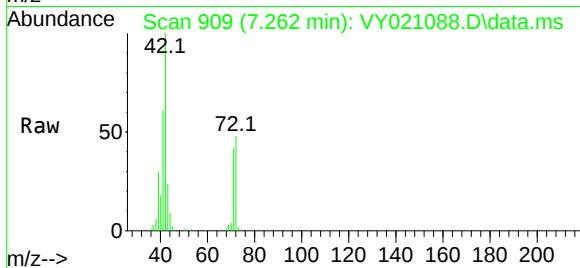
Acq: 05 Feb 2025 15:01

Instrument :

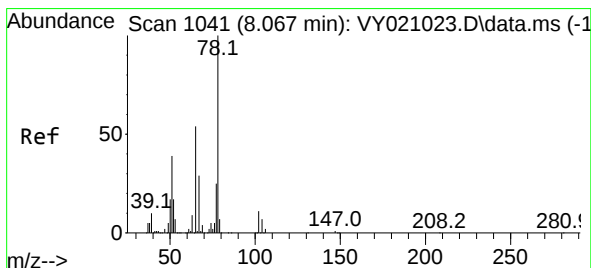
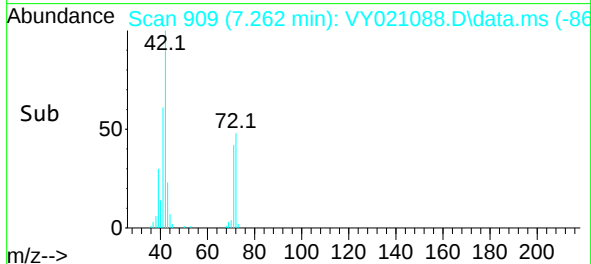
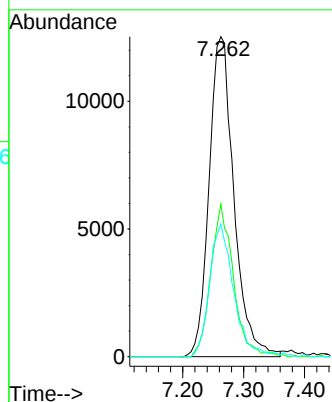
MSVOA_Y

ClientSampleId :

FL-DRUMS-B



Tgt Ion:	42	Resp:	35472
Ion	Ratio	Lower	Upper
42	100		
72	43.5	36.6	54.8
71	40.1	33.8	50.6



#33

1,2-Dichloroethane-d4

Concen: 35.986 ug/l

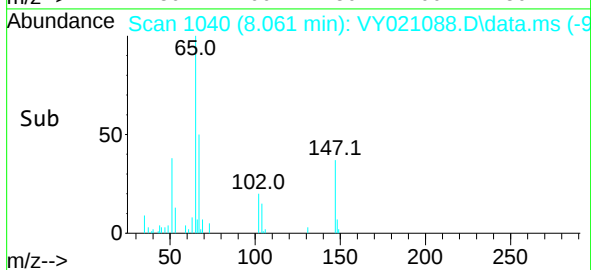
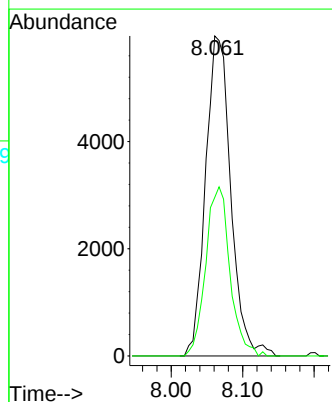
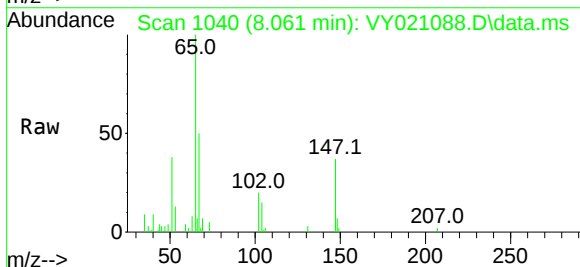
RT: 8.061 min Scan# 1040

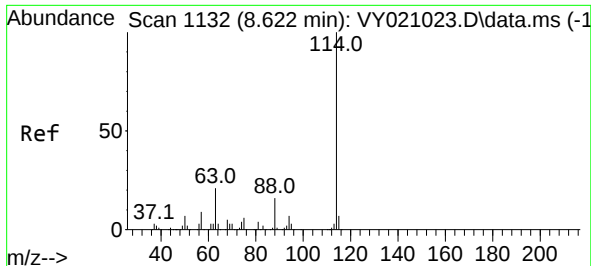
Delta R.T. -0.006 min

Lab File: VY021088.D

Acq: 05 Feb 2025 15:01

Tgt Ion:	65	Resp:	14612
Ion	Ratio	Lower	Upper
65	100		
67	50.7	0.0	109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1132

Delta R.T. -0.006 min

Lab File: VY021088.D

Acq: 05 Feb 2025 15:01

Instrument :

MSVOA_Y

ClientSampleId :

FL-DRUMS-B

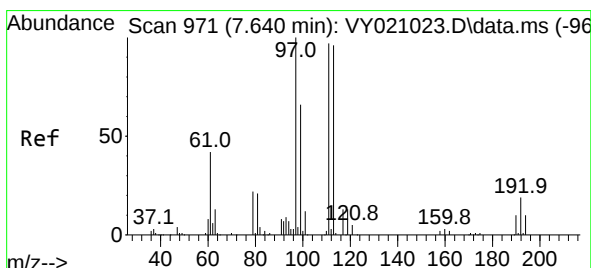
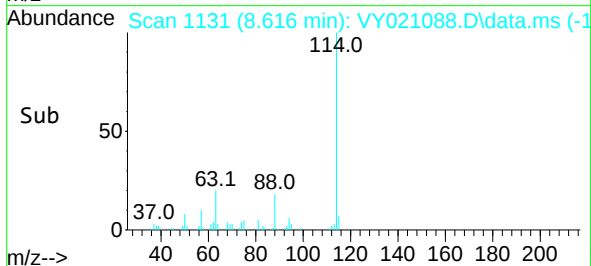
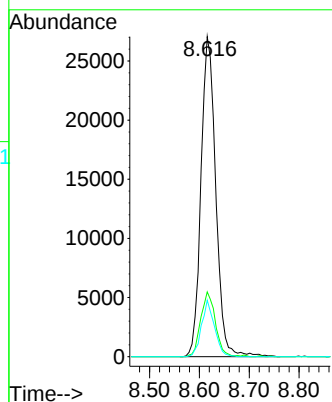
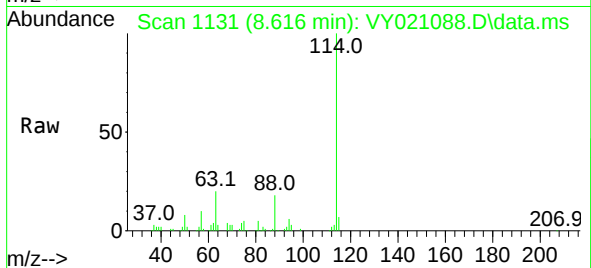
Tgt Ion:114 Resp: 55839

Ion Ratio Lower Upper

114 100

63 20.3 0.0 37.4

88 17.7 0.0 29.0



#35

Dibromofluoromethane

Concen: 46.748 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.006 min

Lab File: VY021088.D

Acq: 05 Feb 2025 15:01

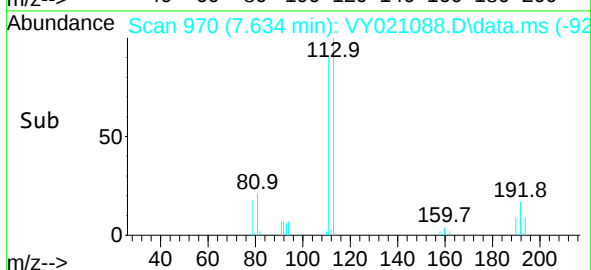
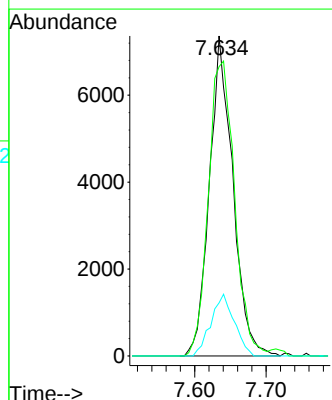
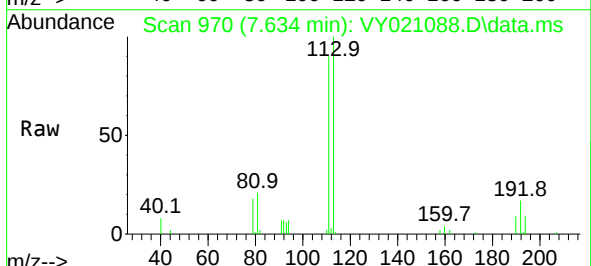
Tgt Ion:113 Resp: 16729

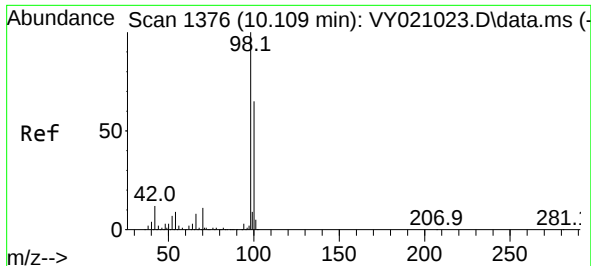
Ion Ratio Lower Upper

113 100

111 103.2 83.8 125.6

192 19.2 14.5 21.7

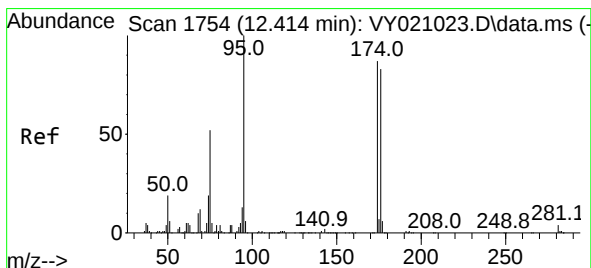
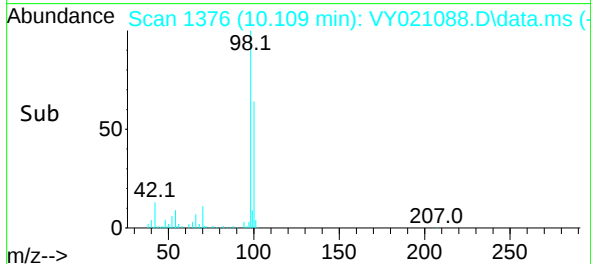
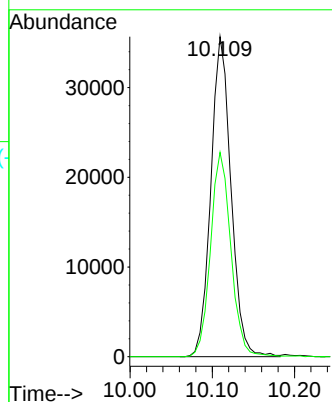
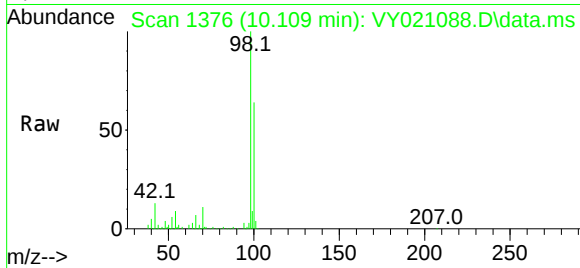




#50
Toluene-d8
Concen: 44.581 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021088.D
Acq: 05 Feb 2025 15:01

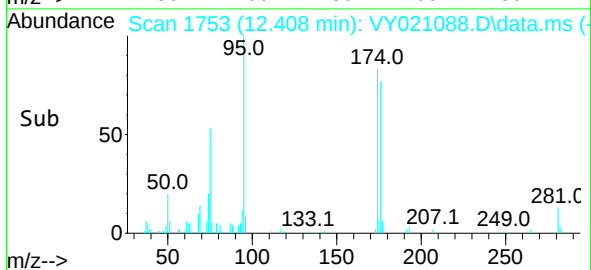
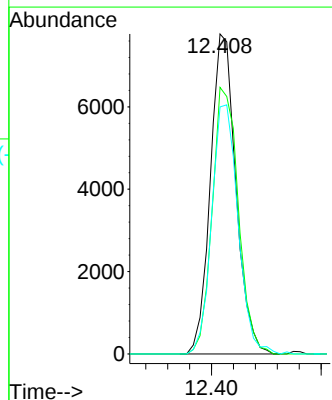
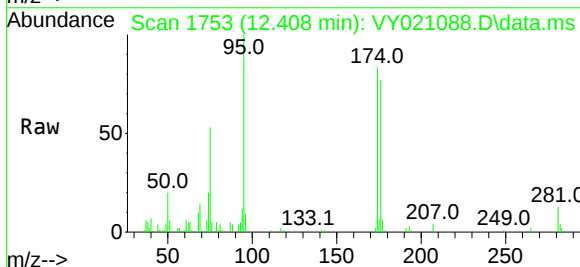
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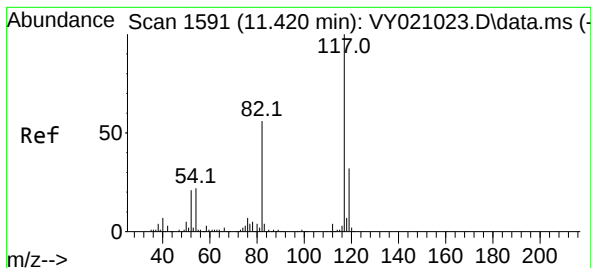
Tgt Ion: 98 Resp: 60736
Ion Ratio Lower Upper
98 100
100 64.5 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 28.125 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY021088.D
Acq: 05 Feb 2025 15:01

Tgt Ion: 95 Resp: 12518
Ion Ratio Lower Upper
95 100
174 85.6 0.0 160.0
176 80.5 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. -0.000 min

Lab File: VY021088.D

Acq: 05 Feb 2025 15:01

Instrument :

MSVOA_Y

ClientSampleId :

FL-DRUMS-B

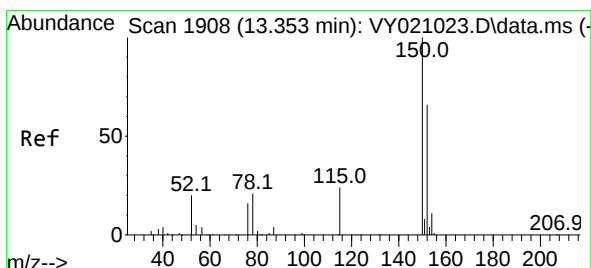
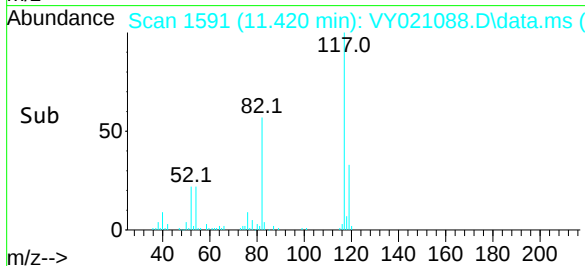
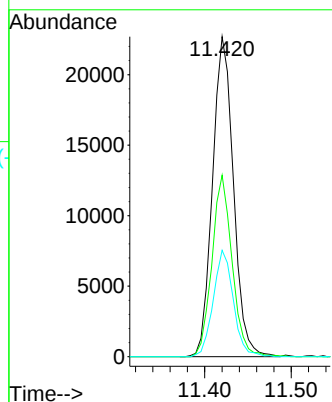
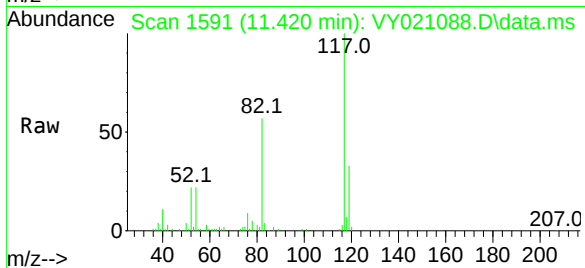
Tgt Ion:117 Resp: 38130

Ion Ratio Lower Upper

117 100

82 56.7 43.8 65.8

119 33.3 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: VY021088.D

Acq: 05 Feb 2025 15:01

Tgt Ion:152 Resp: 9302

Ion Ratio Lower Upper

152 100

115 62.7 30.0 90.0

150 159.5 0.0 344.6

