

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042525\
 Data File : VY022001.D
 Acq On : 25 Apr 2025 11:54
 Operator : SY/MD
 Sample : Q1867-01
 Misc : 5.39g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR200059

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2025
 Supervised By :Mahesh Dadoda 04/28/2025

Quant Time: Apr 25 22:55:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	3868	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	5755	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	3346	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	505	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	1988	55.643	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.280%	
35) Dibromofluoromethane	7.640	113	1734m	45.607	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 91.220%	
50) Toluene-d8	10.109	98	6027	42.048	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 84.100%	
62) 4-Bromofluorobenzene	12.414	95	565	11.709	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 23.420%#	

Target Compounds	Qvalue

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

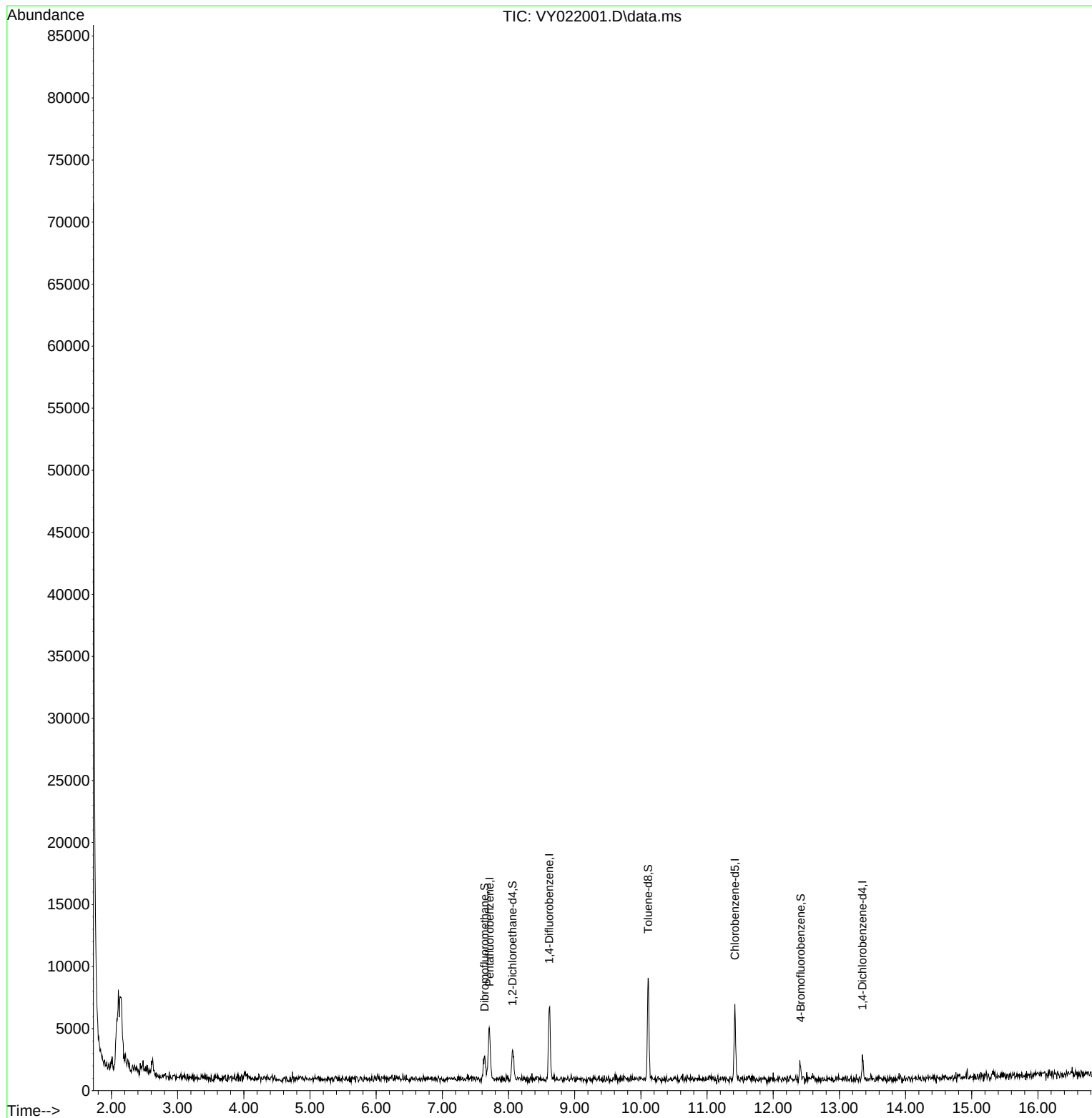
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042525\
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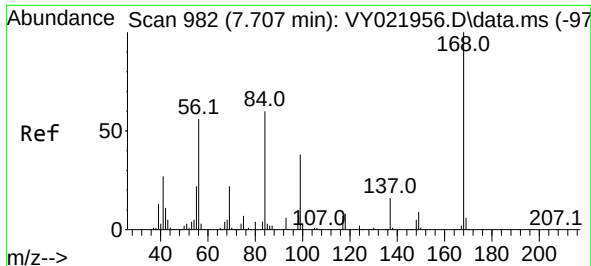
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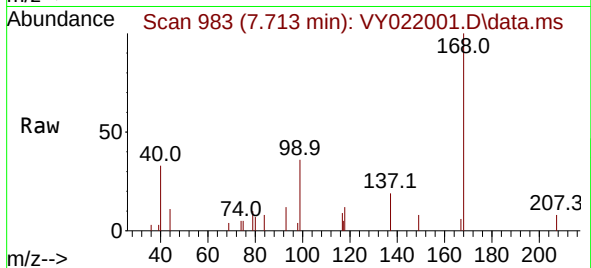
Quant Time: Apr 25 22:55:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 99
Delta R.T. 0.006 min
Lab File: VY022001.D
Acq: 25 Apr 2025 11:54

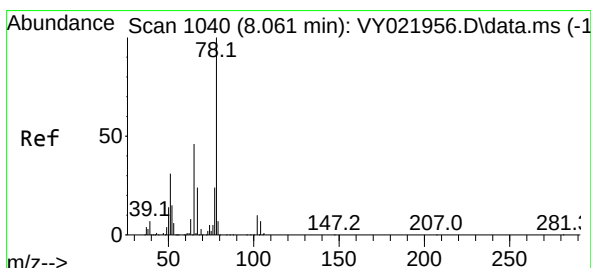
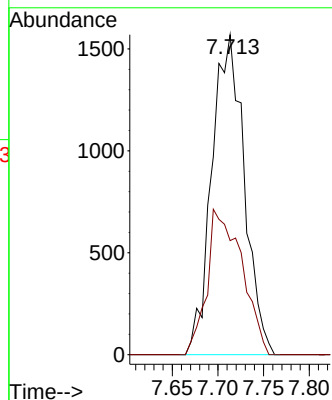
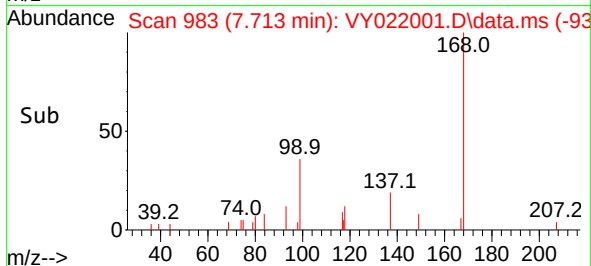
Instrument :
MSVOA_Y
ClientSampleId :
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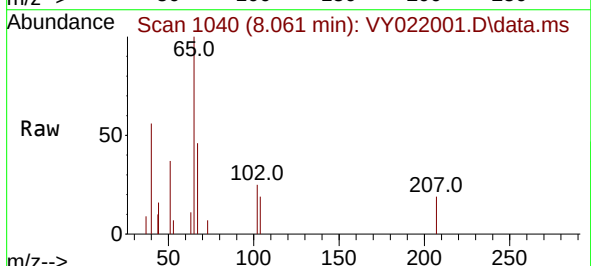
Tgt Ion:168 Resp: 386
Ion Ratio Lower Upper
168 100
99 35.7 43.1 64.7

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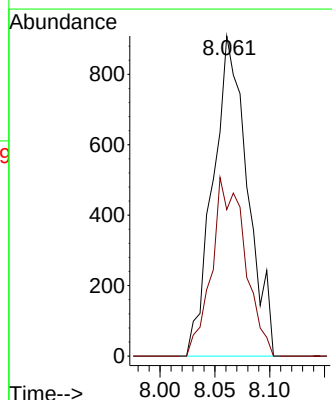
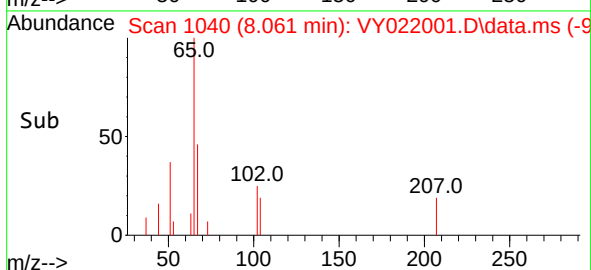
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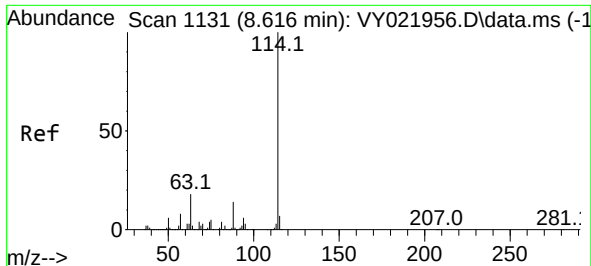


#33
1,2-Dichloroethane-d4
Concen: 55.643 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY022001.D
Acq: 25 Apr 2025 11:54



Tgt Ion: 65 Resp: 1988
Ion Ratio Lower Upper
65 100
67 53.7 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022001.D

Acq: 25 Apr 2025 11:54

Instrument :

MSVOA_Y

ClientSampleId :

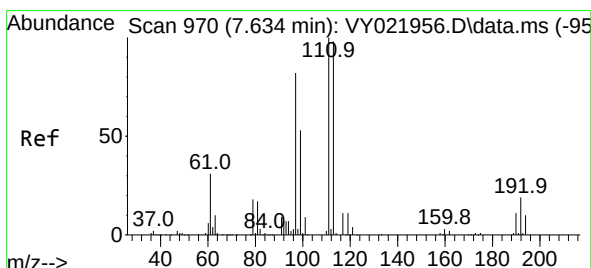
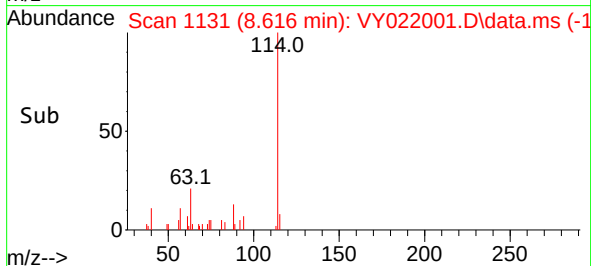
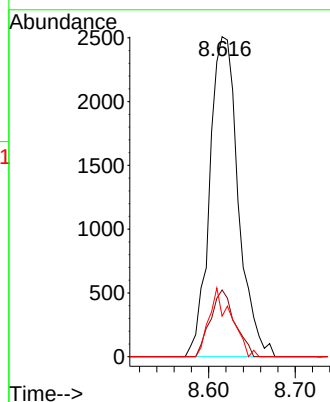
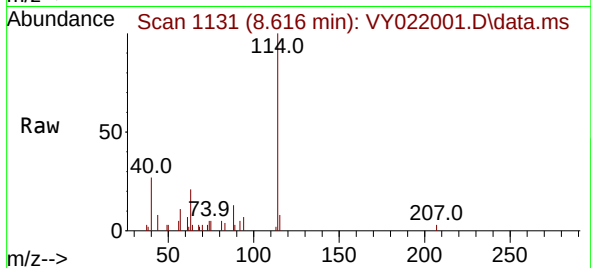
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Tgt Ion:114	Resp:	575
Ion Ratio	Lower	Upper
114	100	
63	20.9	0.0 35.4
88	12.7	0.0 28.2

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#35

Dibromofluoromethane

Concen: 45.607 ug/l m

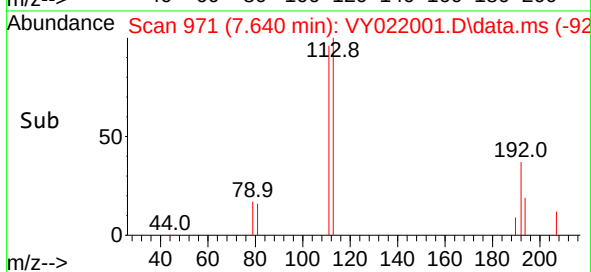
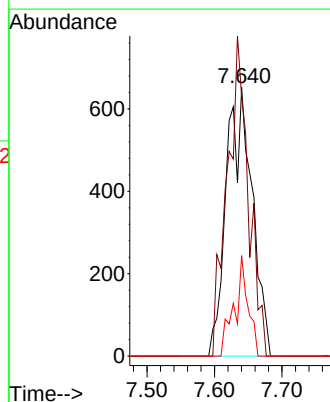
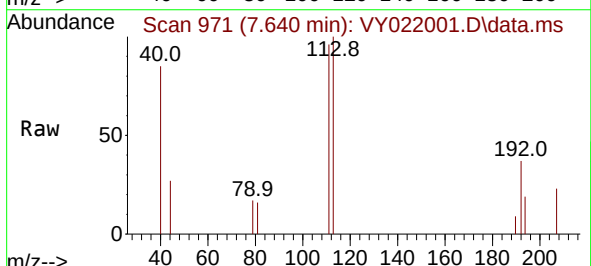
RT: 7.640 min Scan# 971

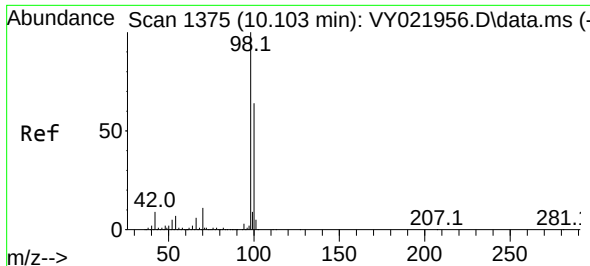
Delta R.T. 0.006 min

Lab File: VY022001.D

Acq: 25 Apr 2025 11:54

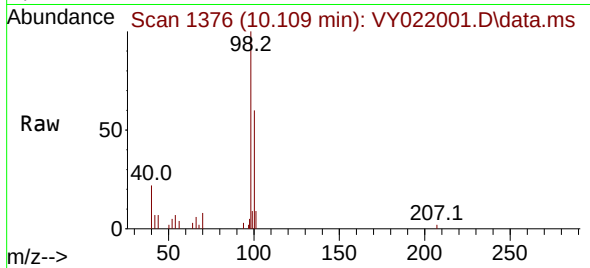
Tgt Ion:113	Resp:	1734
Ion Ratio	Lower	Upper
113	100	
111	97.7	81.8 122.8
192	20.0	15.6 23.4





#50
Toluene-d8
Concen: 42.048 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022001.D
Acq: 25 Apr 2025 11:54

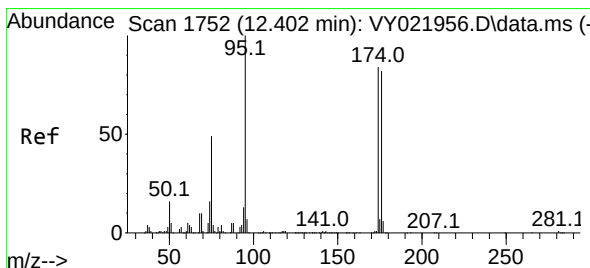
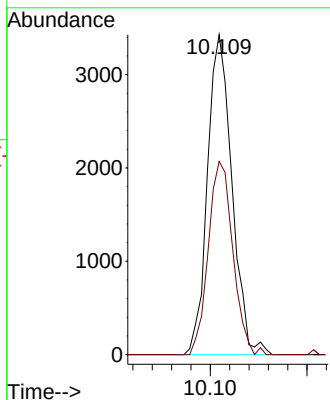
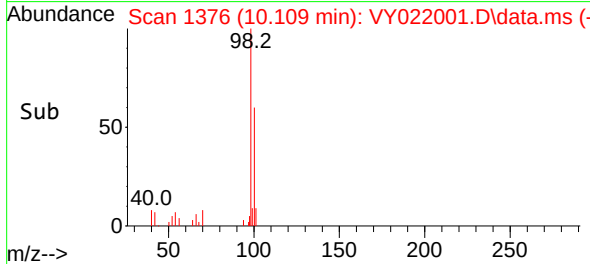
Instrument :
MSVOA_Y
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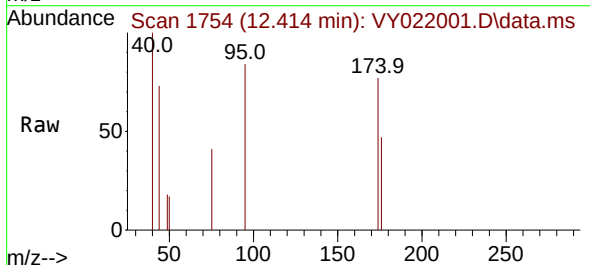
Tgt Ion: 98 Resp: 602
Ion Ratio Lower Upper
98 100
100 60.5 51.6 77.4

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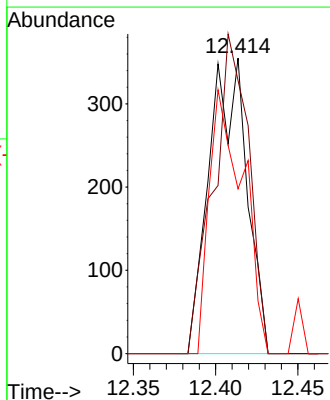
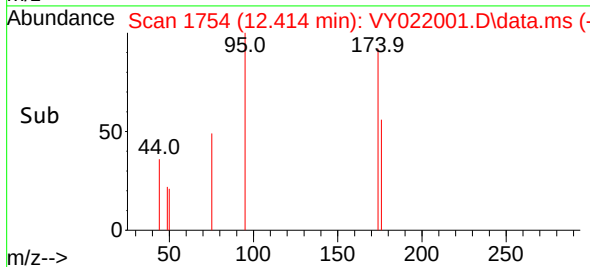
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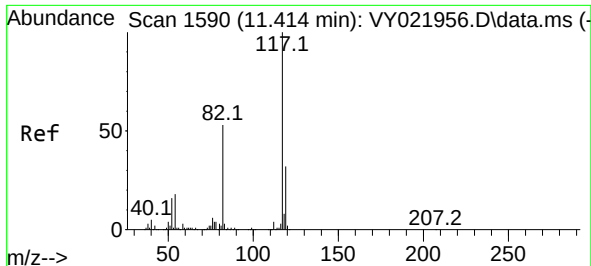


#62
4-Bromofluorobenzene
Concen: 11.709 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.012 min
Lab File: VY022001.D
Acq: 25 Apr 2025 11:54



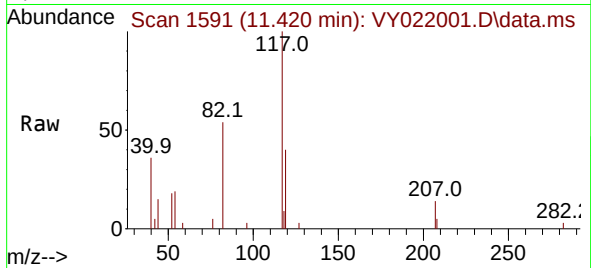
Tgt Ion: 95 Resp: 565
Ion Ratio Lower Upper
95 100
174 102.1 0.0 179.0
176 80.5 0.0 171.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1590
Delta R.T. 0.006 min
Lab File: VY022001.D
Acq: 25 Apr 2025 11:54

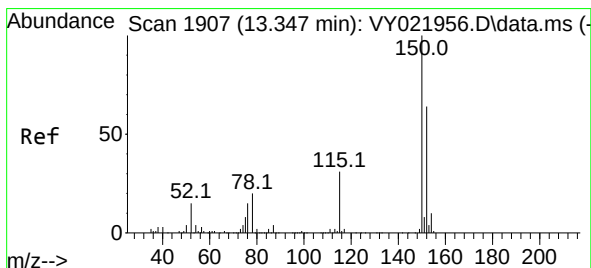
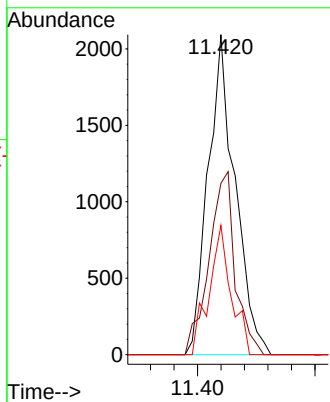
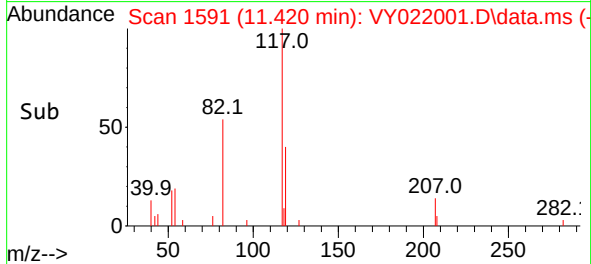
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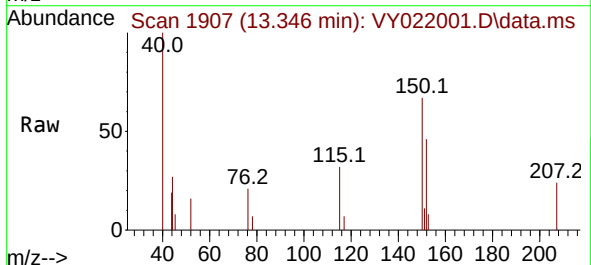
Tgt Ion:117 Resp: 3340
Ion Ratio Lower Upper
117 100
82 53.6 42.1 63.1
119 40.4 25.7 38.5

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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022001.D
Acq: 25 Apr 2025 11:54



Tgt Ion:152 Resp: 505
Ion Ratio Lower Upper
152 100
115 55.0 28.0 84.0
150 161.0 0.0 345.6

