

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041825\
 Data File : VY021920.D
 Acq On : 18 Apr 2025 11:02
 Operator : SY/MD
 Sample : Q1826-05RE
 Misc : 5.42g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CONCRETE-FLOORRE

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/21/2025
 Supervised By :Semsettin Yesilyurt 04/21/2025

Quant Time: Apr 19 01:10:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	222807	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	414262	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	347536	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	125761	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	115366	47.789	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.580%		
35) Dibromofluoromethane	7.634	113	81883	30.471	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	60.940%		
50) Toluene-d8	10.109	98	496023	48.520	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	97.040%		
62) 4-Bromofluorobenzene	12.408	95	135036	39.051	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	78.100%		
Target Compounds					Qvalue	
16) Acetone	3.866	43	5318m	10.764	ug/l	

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

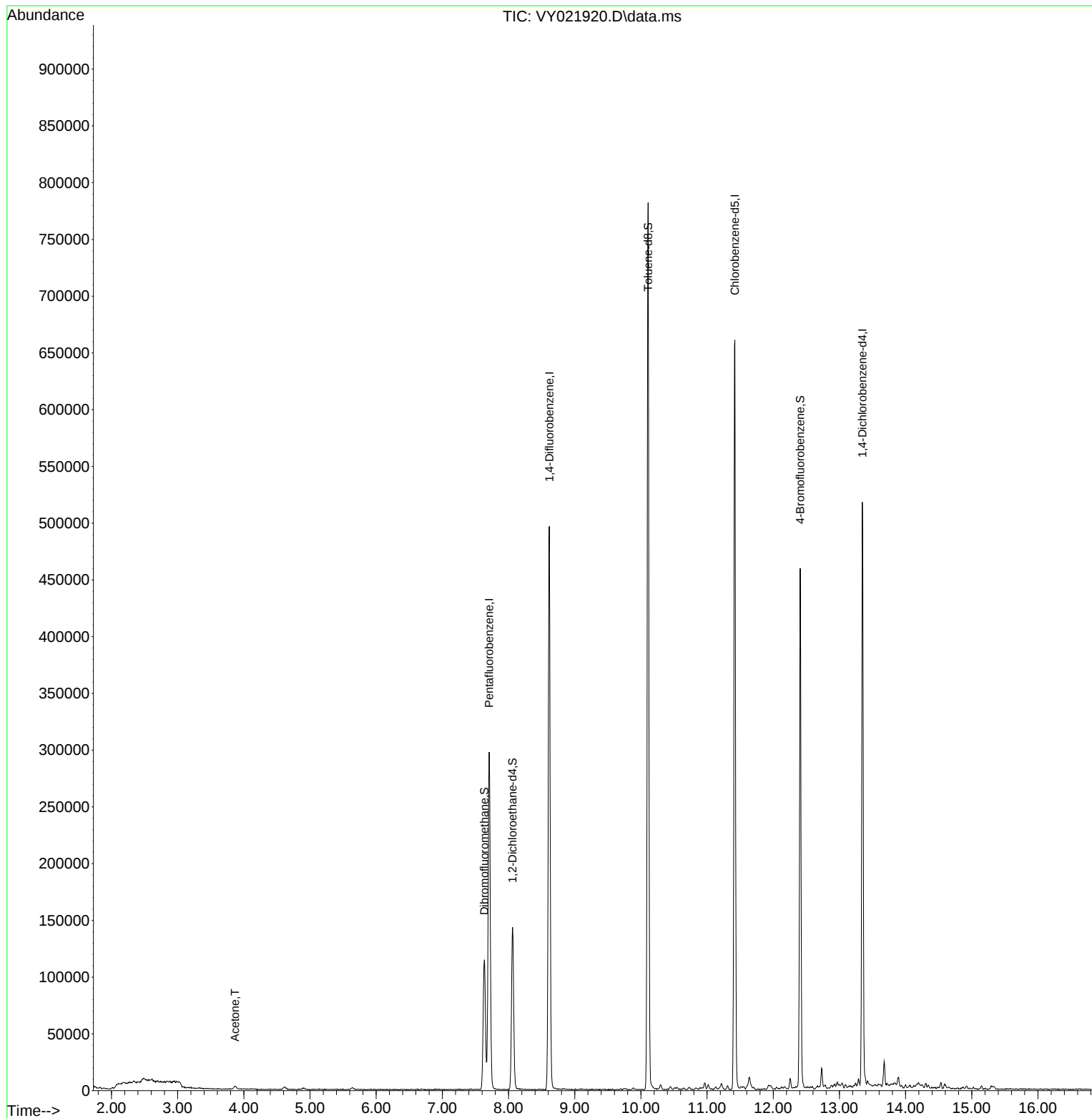
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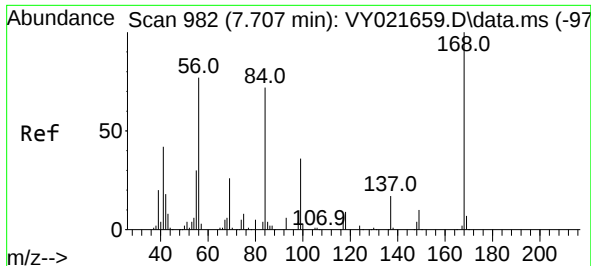
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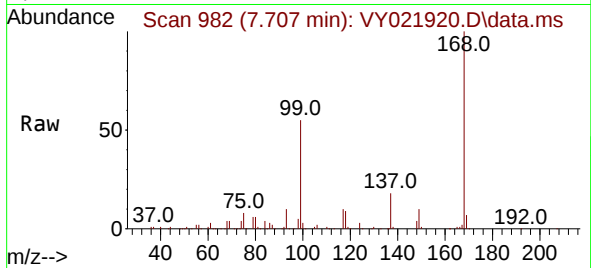
Reviewed By :Mahesh Dadoda 04/21/2025
Supervised By :Semsettin Yesilyurt 04/21/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY021920.D
Acq: 18 Apr 2025 11:02

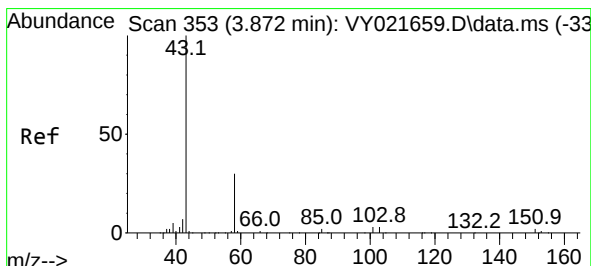
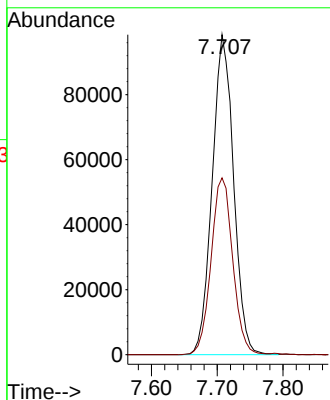
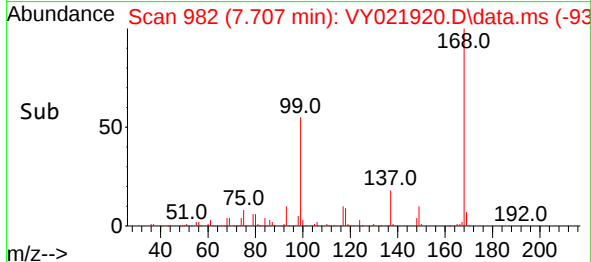
Instrument :
MSVOA_Y
ClientSampleId :
CONCRETE-FLOORRE



Tgt Ion:168 Resp: 22280
Ion Ratio Lower Upper
168 100
99 55.2 46.7 70.1

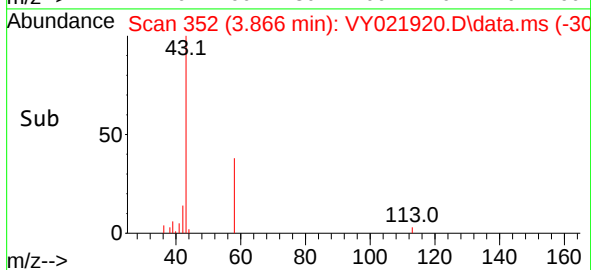
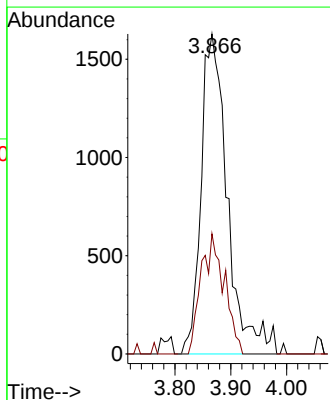
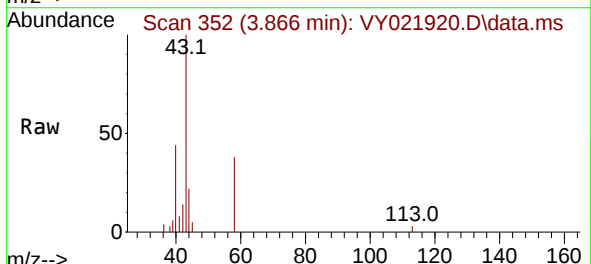
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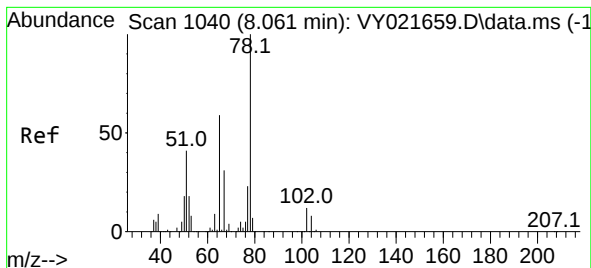
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#16
Acetone
Concen: 10.764 ug/l m
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY021920.D
Acq: 18 Apr 2025 11:02

Tgt Ion: 43 Resp: 5318
Ion Ratio Lower Upper
43 100
58 37.6 24.2 36.4#





#33

1,2-Dichloroethane-d4

Concen: 47.789 ug/l

RT: 8.061 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VY021920.D

Acq: 18 Apr 2025 11:02

Instrument :

MSVOA_Y

ClientSampleId :

CONCRETE-FLOORRE

Tgt Ion: 65 Resp: 115360

Ion Ratio Lower Upper

65 100

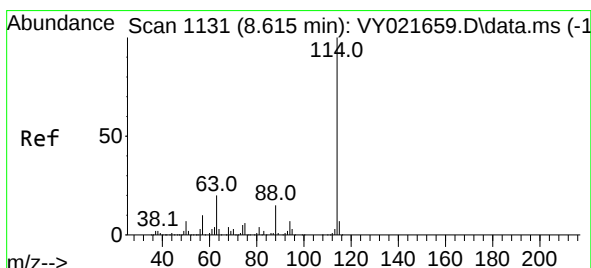
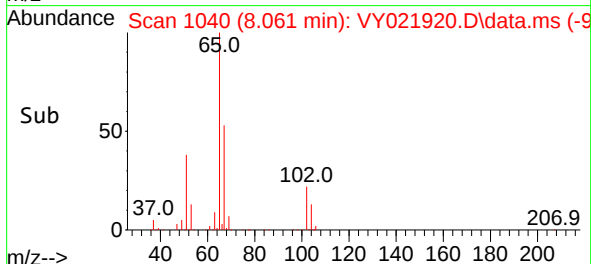
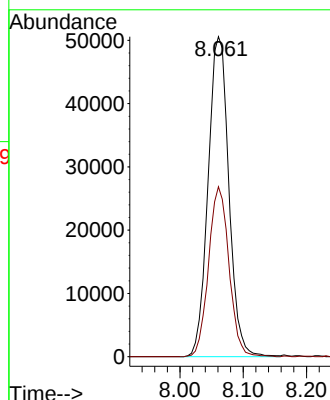
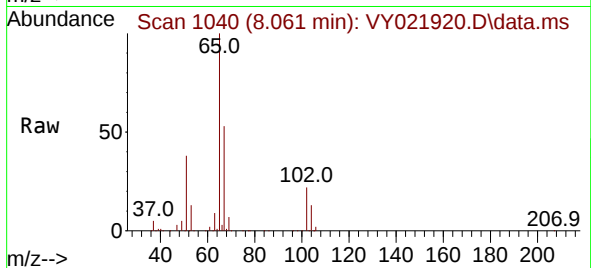
67 52.2 0.0 104.6

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021920.D

Acq: 18 Apr 2025 11:02

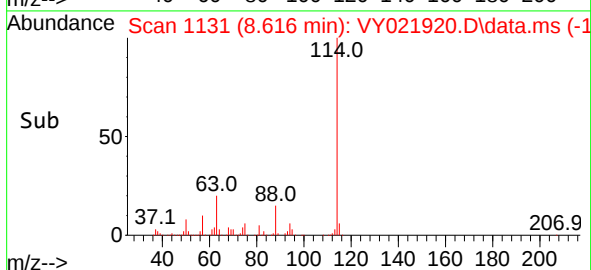
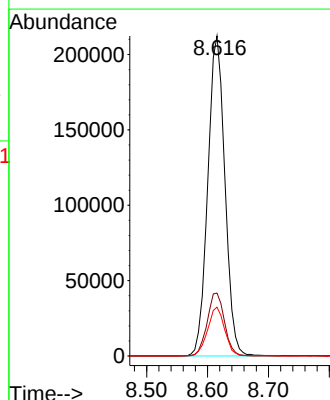
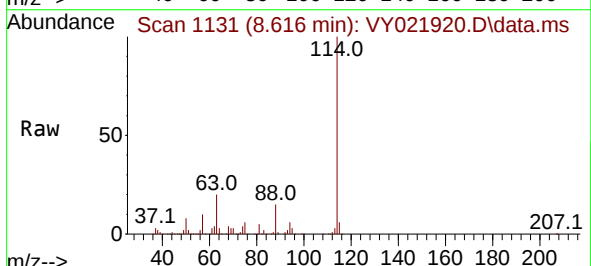
Tgt Ion:114 Resp: 414262

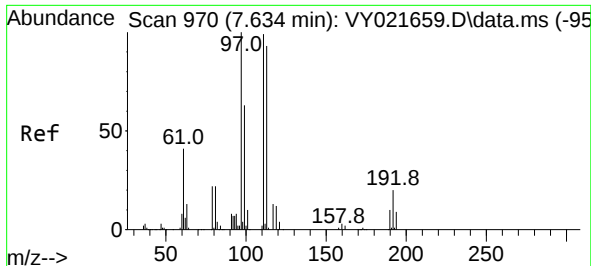
Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.2

88 15.2 0.0 29.8





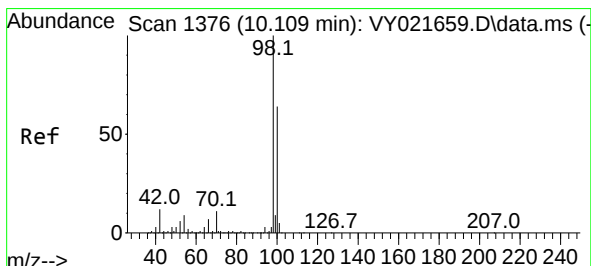
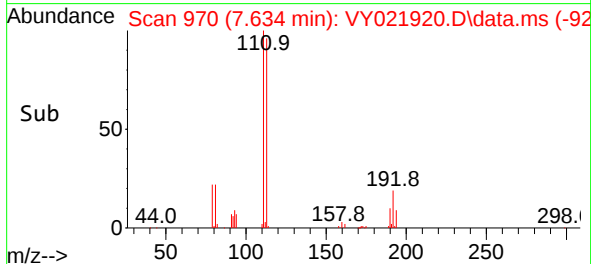
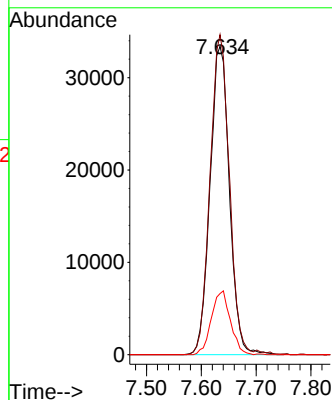
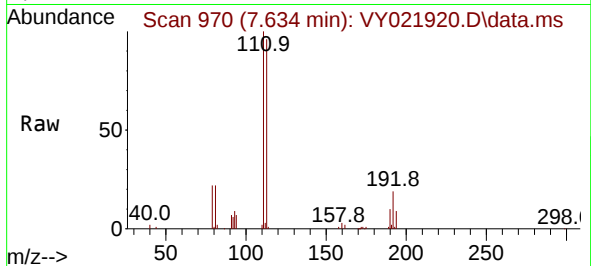
#35
Dibromofluoromethane
Concen: 30.471 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021920.D
Acq: 18 Apr 2025 11:02

Instrument :
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Tgt Ion:113 Resp: 8188
Ion Ratio Lower Upper
113 100
111 102.9 82.6 123.8
192 20.3 16.2 24.4

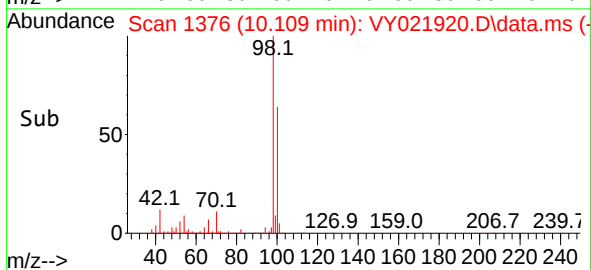
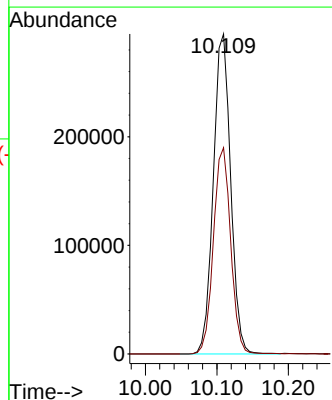
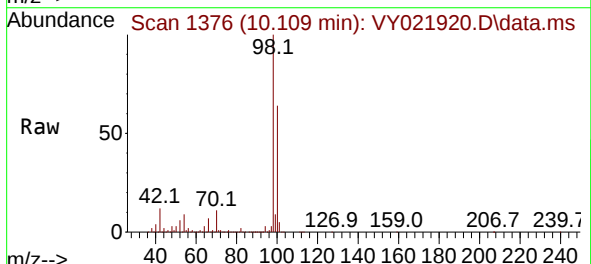
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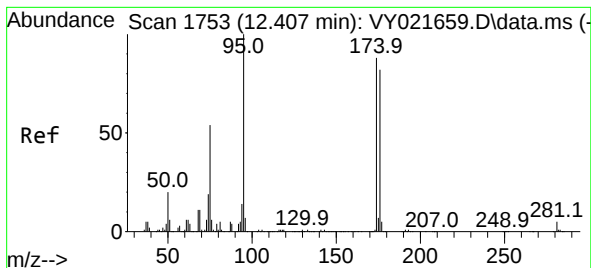
Reviewed By :Mahesh Dadoda 04/21/2025
Supervised By :Semsettin Yesilyurt 04/21/2025



#50
Toluene-d8
Concen: 48.520 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021920.D
Acq: 18 Apr 2025 11:02

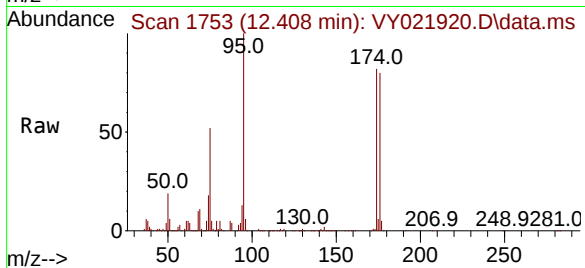
Tgt Ion: 98 Resp: 496023
Ion Ratio Lower Upper
98 100
100 64.2 52.1 78.1





#62
4-Bromofluorobenzene
Concen: 39.051 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021920.D
Acq: 18 Apr 2025 11:02

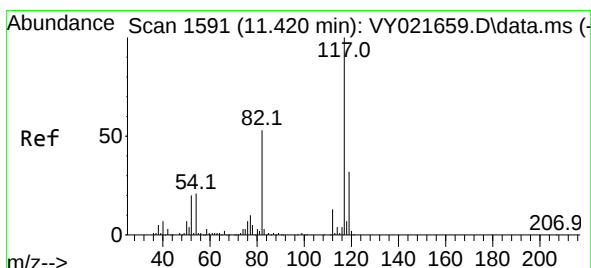
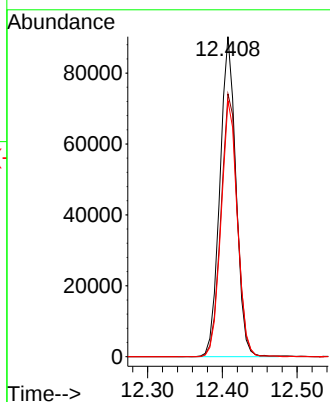
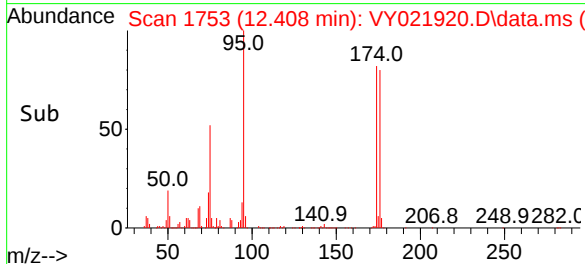
Instrument :
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ClientSampleId :
CONCRETE-FLOORRE



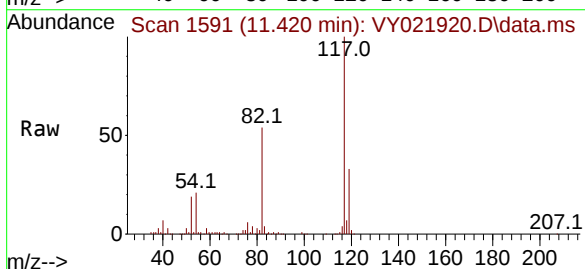
Tgt Ion: 95 Resp: 135036
Ion Ratio Lower Upper
95 100
174 84.6 0.0 170.8
176 81.0 0.0 162.0

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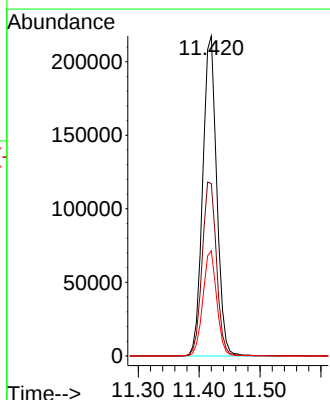
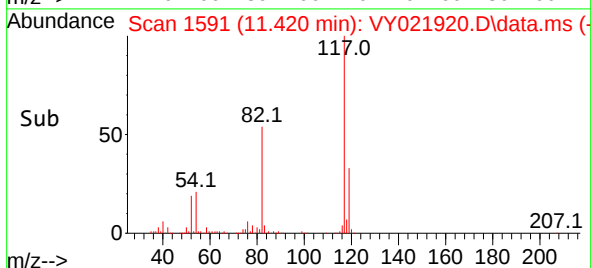
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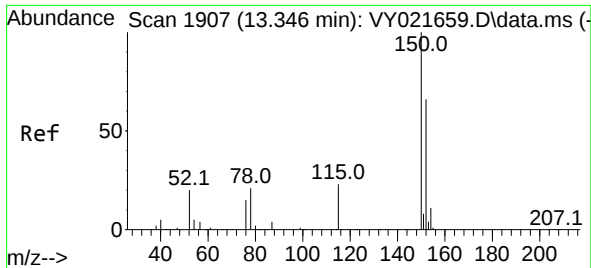


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY021920.D
Acq: 18 Apr 2025 11:02



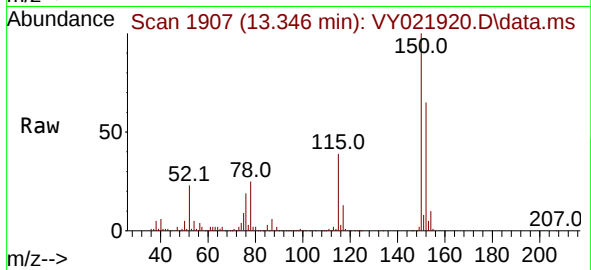
Tgt Ion:117 Resp: 347536
Ion Ratio Lower Upper
117 100
82 53.8 42.8 64.2
119 32.8 25.7 38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY021920.D
 Acq: 18 Apr 2025 11:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 CONCRETE-FLOORRE



Tgt Ion:152 Resp: 12576
 Ion Ratio Lower Upper
 152 100
 115 58.5 28.8 86.5
 150 157.0 0.0 348.4

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