

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030525\
 Data File : VY021417.D
 Acq On : 05 Mar 2025 16:55
 Operator : SY/MD
 Sample : Q1482-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-03-030425

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/06/2025
 Supervised By :Semsettin Yesilyurt 03/06/2025

Quant Time: Mar 06 02:57:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	183935	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	318416	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	271304	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	91603	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	98403	50.617	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.240%			
35) Dibromofluoromethane	7.634	113	104034	49.706	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.420%			
50) Toluene-d8	10.109	98	395090	49.855	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.720%			
62) 4-Bromofluorobenzene	12.407	95	105807	39.251	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 78.500%			
Target Compounds						
16) Acetone	3.872	43	7461m	17.596	ug/l	Qvalue

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

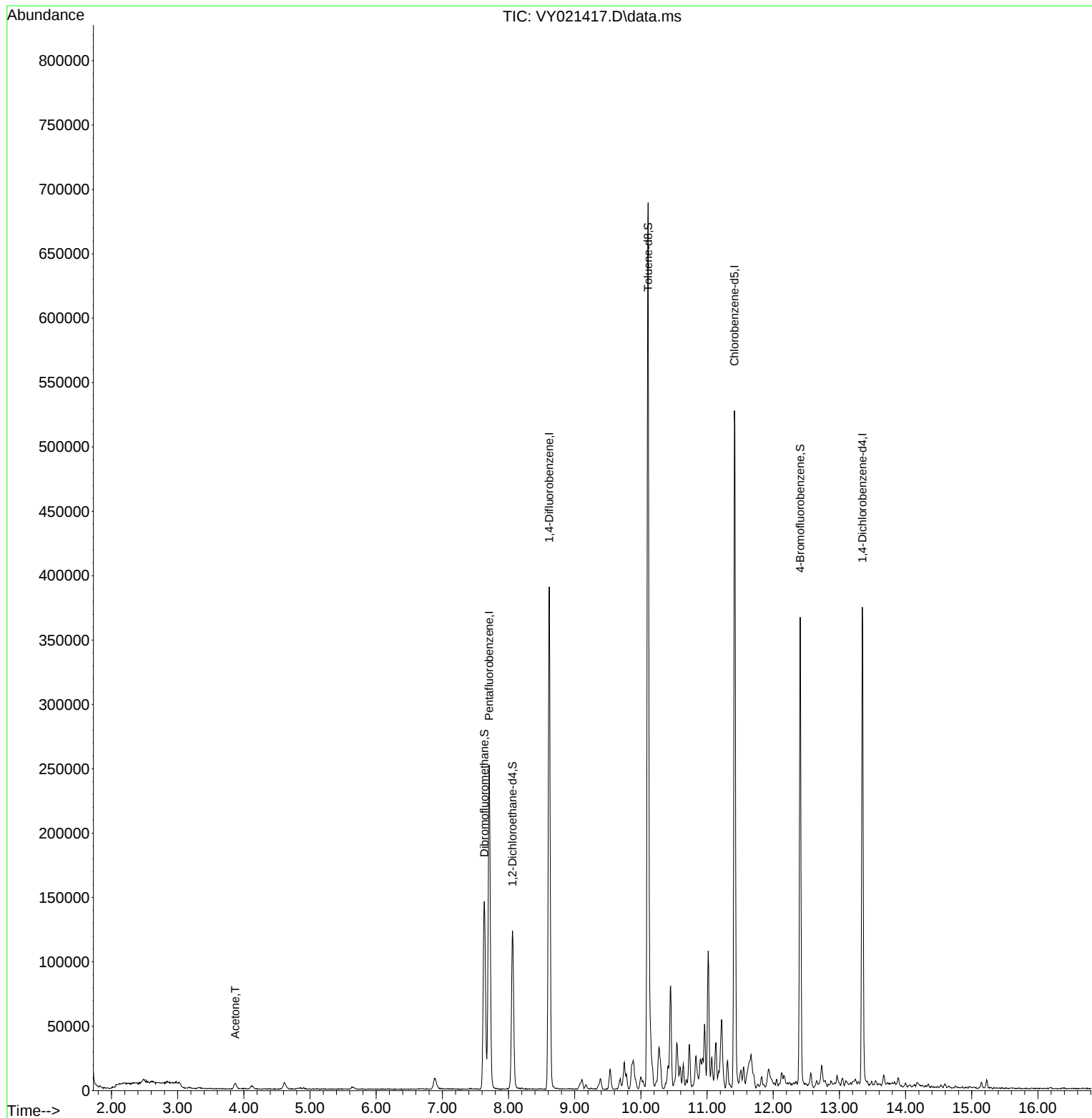
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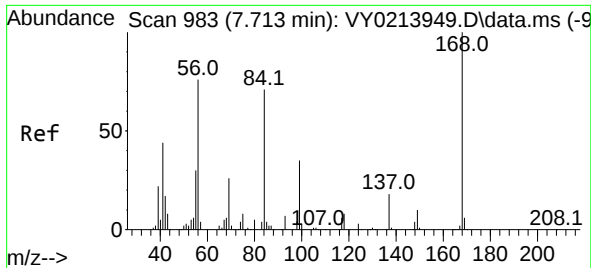
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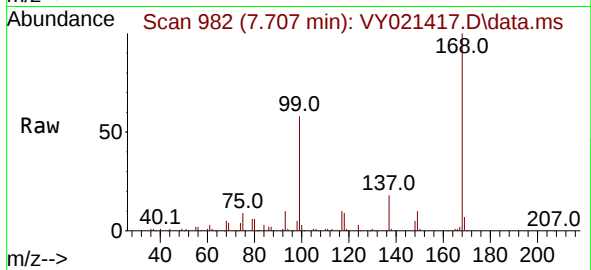
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021417.D
Acq: 05 Mar 2025 16:55

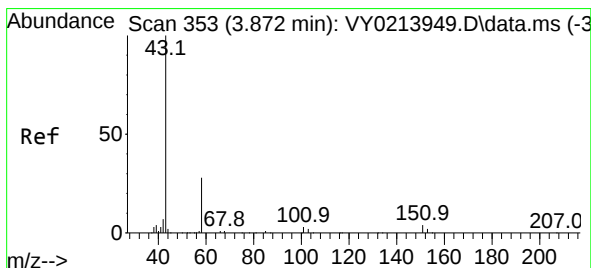
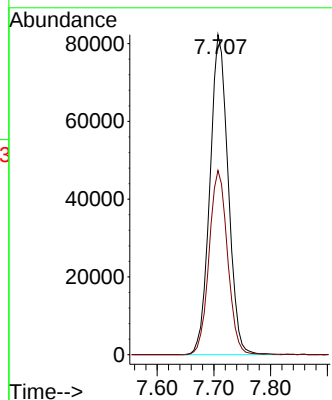
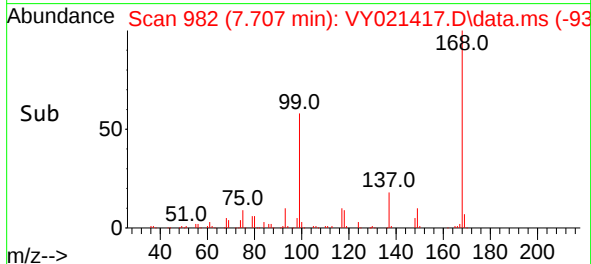
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-030425



Tgt Ion:168 Resp: 18393
Ion Ratio Lower Upper
168 100
99 57.6 46.0 69.0

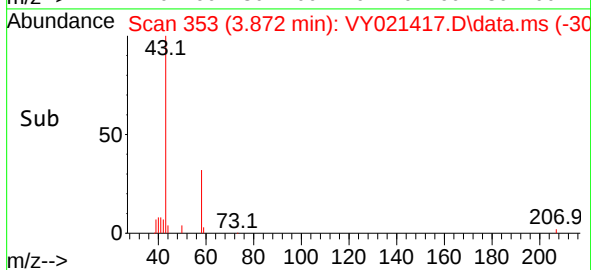
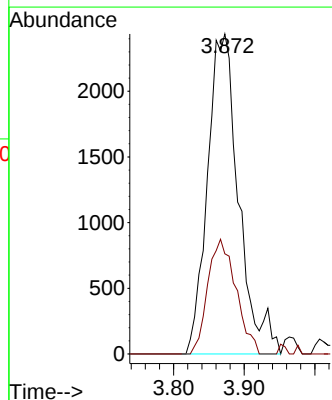
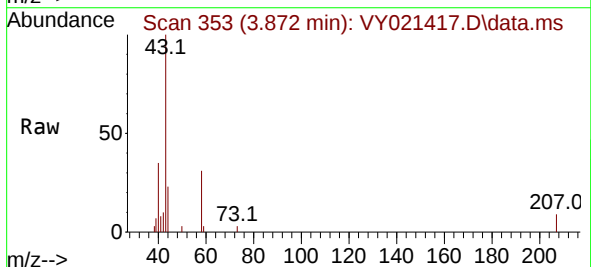
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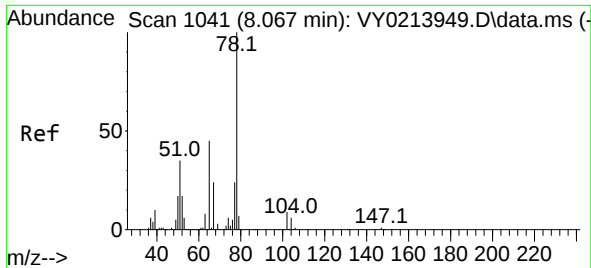
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#16
Acetone
Concen: 17.596 ug/l m
RT: 3.872 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY021417.D
Acq: 05 Mar 2025 16:55

Tgt Ion: 43 Resp: 7461
Ion Ratio Lower Upper
43 100
58 31.3 22.1 33.1





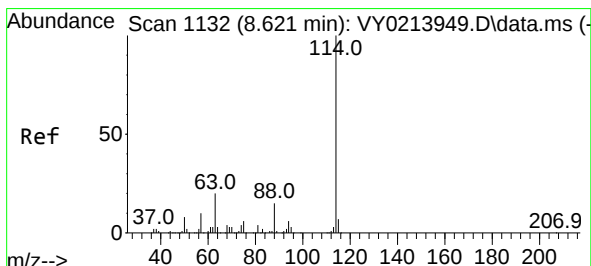
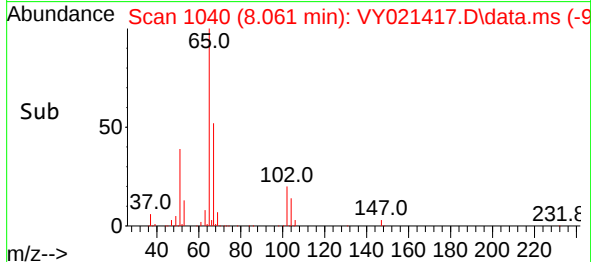
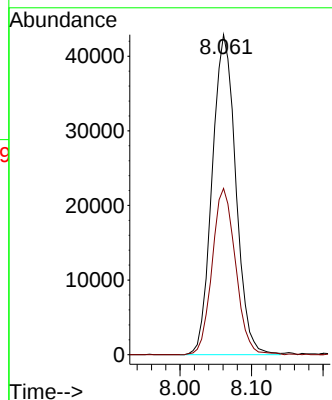
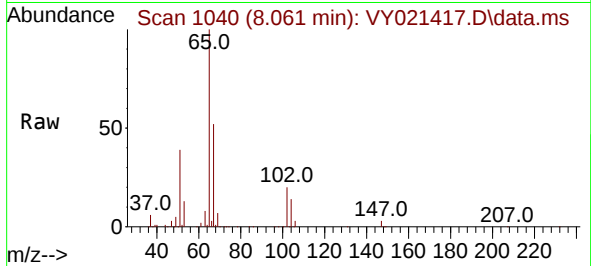
#33
1,2-Dichloroethane-d4
Concen: 50.617 ug/l
RT: 8.061 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VY021417.D
Acq: 05 Mar 2025 16:55

Instrument :
MSVOA_Y
ClientSampleId :
OR-03-030425

Tgt Ion: 65 Resp: 9840
Ion Ratio Lower Upper
65 100
67 51.4 0.0 102.8

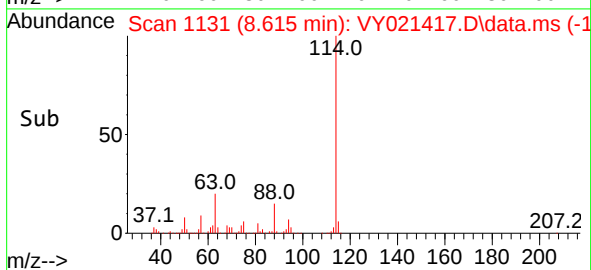
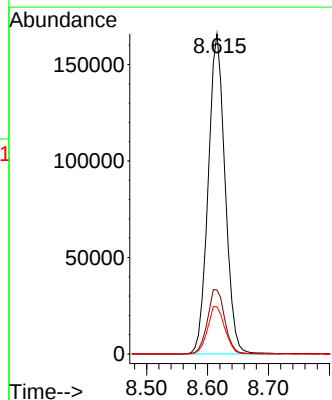
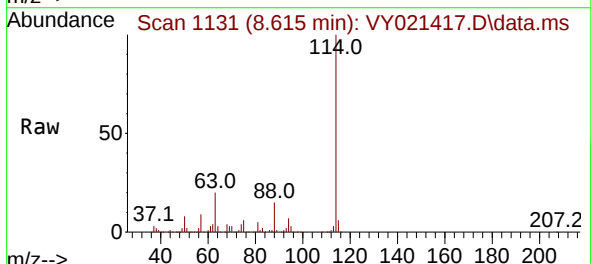
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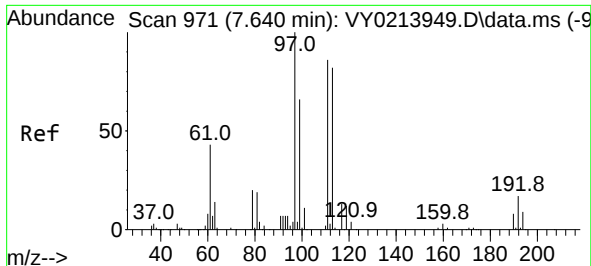
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VY021417.D
Acq: 05 Mar 2025 16:55

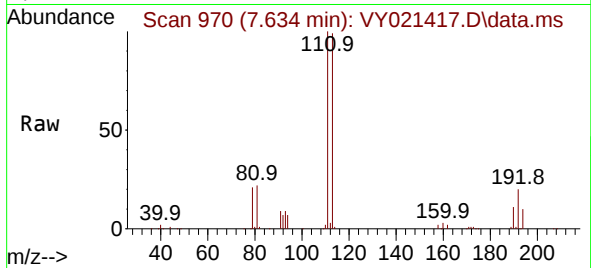
Tgt Ion:114 Resp: 318416
Ion Ratio Lower Upper
114 100
63 20.0 0.0 40.8
88 14.7 0.0 30.8





#35
Dibromofluoromethane
Concen: 49.706 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021417.D
Acq: 05 Mar 2025 16:55

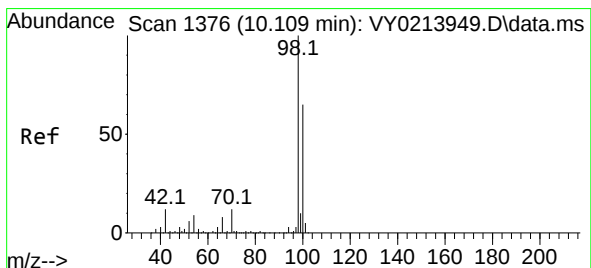
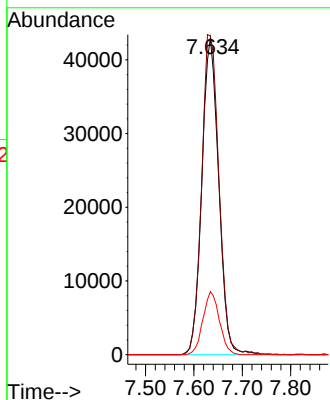
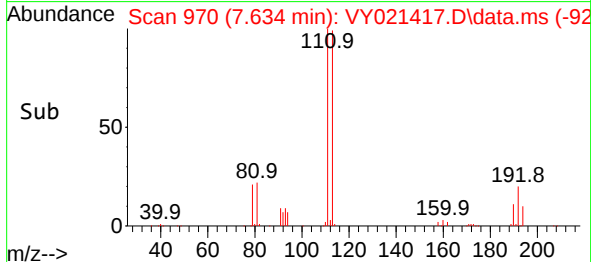
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ClientSampleId :
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Tgt Ion:113 Resp: 104034
Ion Ratio Lower Upper
113 100
111 104.2 82.0 123.0
192 19.4 15.9 23.9

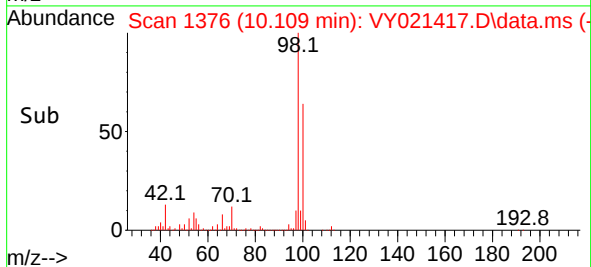
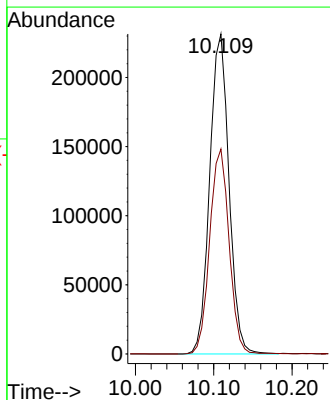
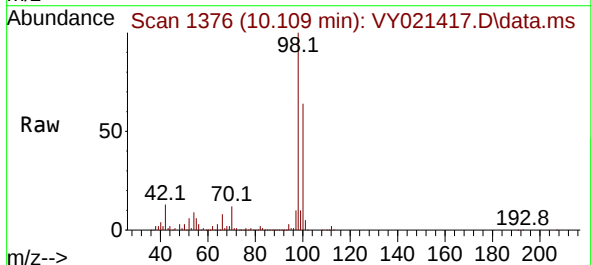
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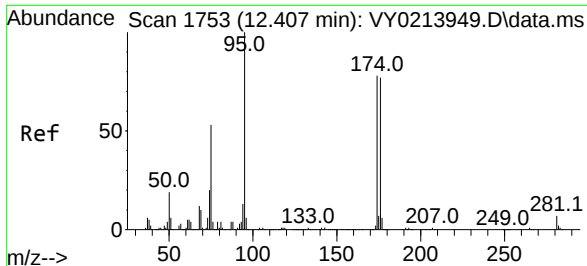
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#50
Toluene-d8
Concen: 49.855 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021417.D
Acq: 05 Mar 2025 16:55

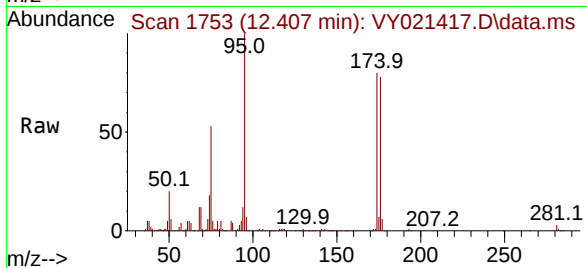
Tgt Ion: 98 Resp: 395090
Ion Ratio Lower Upper
98 100
100 64.5 52.1 78.1





#62
4-Bromofluorobenzene
Concen: 39.251 ug/l
RT: 12.407 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021417.D
Acq: 05 Mar 2025 16:55

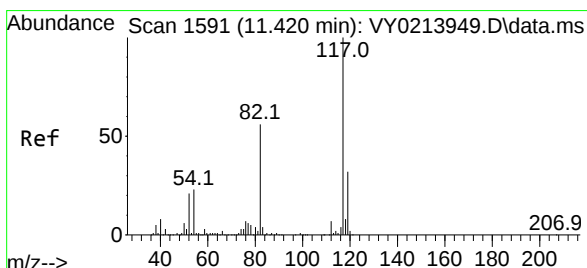
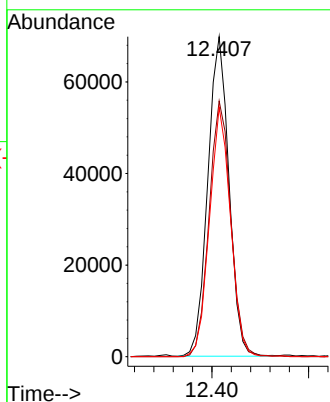
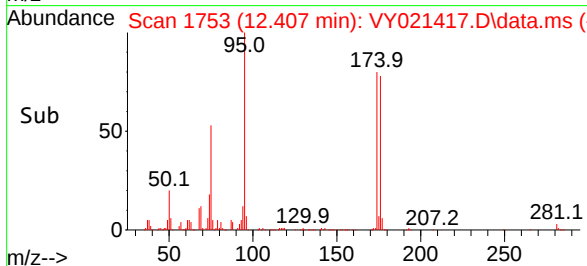
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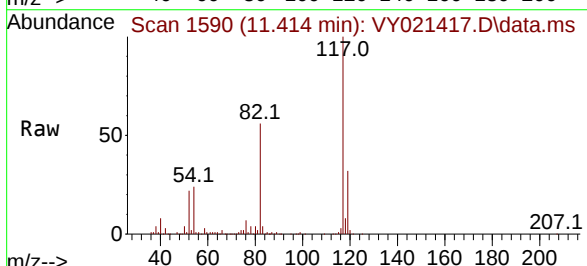
Tgt Ion: 95 Resp: 10580
Ion Ratio Lower Upper
95 100
174 82.3 0.0 165.0
176 77.6 0.0 160.0

Manual Integrations
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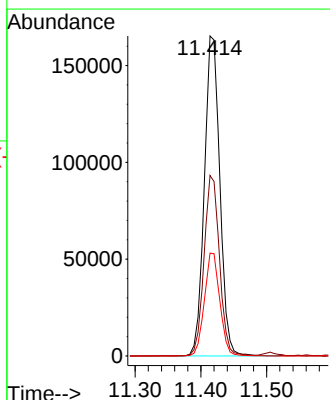
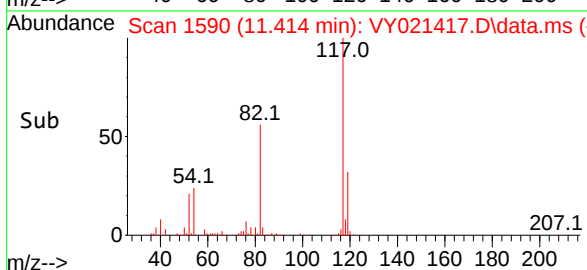
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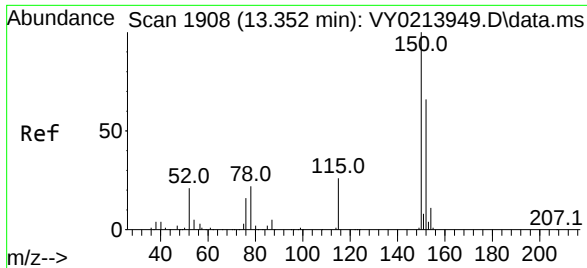


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY021417.D
Acq: 05 Mar 2025 16:55



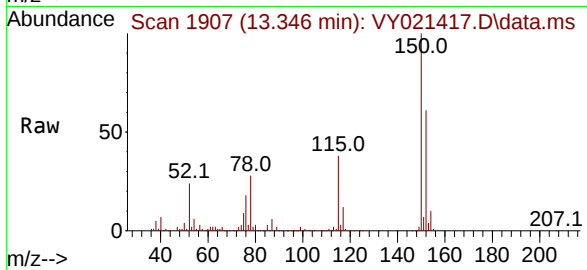
Tgt Ion:117 Resp: 271304
Ion Ratio Lower Upper
117 100
82 56.3 44.6 67.0
119 32.2 25.4 38.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY021417.D
Acq: 05 Mar 2025 16:55

Instrument :
MSVOA_Y
ClientSampleId :
OR-03-030425



Tgt Ion:152 Resp: 91600
Ion Ratio Lower Upper
152 100
115 58.9 29.0 87.0
150 156.9 0.0 347.2

Manual Integrations
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