

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020525\
 Data File : VY021091.D
 Acq On : 05 Feb 2025 16:11
 Operator : SY/MD
 Sample : Q1288-05
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-04-020425

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 02/06/2025
 Supervised By :Mahesh Dadoda 02/06/2025

Quant Time: Feb 06 00:56:00 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	7.707	168	32499	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	51608	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	42042	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	16182	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	17320	52.015	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.040%			
35) Dibromofluoromethane	7.634	113	17399	52.606	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.220%			
50) Toluene-d8	10.109	98	60182	47.796	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 95.600%			
62) 4-Bromofluorobenzene	12.408	95	16578	40.301	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 80.600%			
Target Compounds						
52) Toluene	10.176	92	8882	9.839	ug/l	94
80) 1,3,5-Trimethylbenzene	12.743	105	2549	2.487	ug/l	88
84) 1,2,4-Trimethylbenzene	13.048	105	10737	10.715	ug/l	97
85) sec-Butylbenzene	13.176	105	1856	1.384	ug/l	94
86) p-Isopropyltoluene	13.298	119	1228m	1.102	ug/l	
89) n-Butylbenzene	13.621	91	2228	2.193	ug/l #	79

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

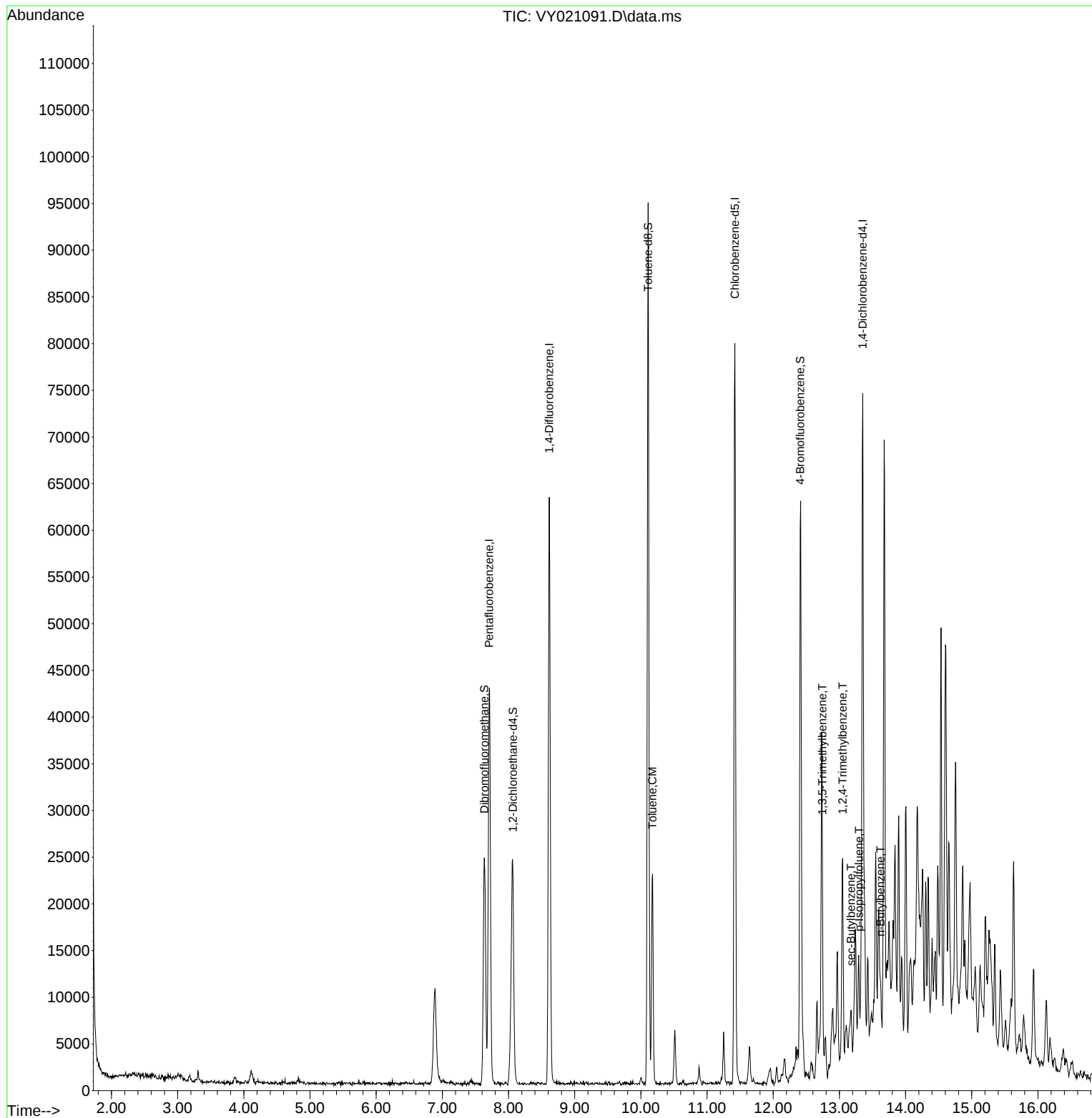
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020525\
Data File : VY021091.D
Acq On : 05 Feb 2025 16:11
Operator : SY/MD
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Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 19 Sample Multiplier: 1

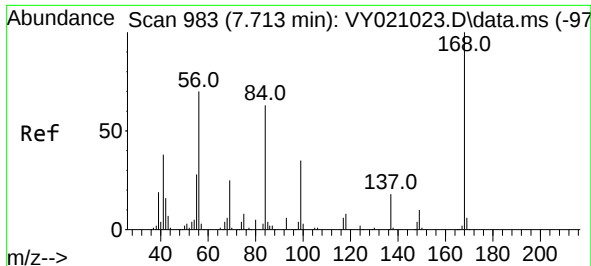
Instrument :
MSVOA_Y
ClientSampleId :
HR-04-020425

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Supervised By :Mahesh Dadoda 02/06/2025

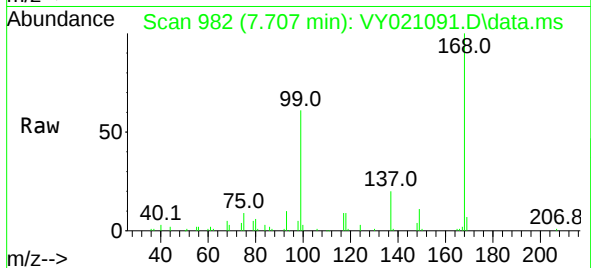
Quant Time: Feb 06 00:56:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 983
Delta R.T. -0.006 min
Lab File: VY021091.D
Acq: 05 Feb 2025 16:11

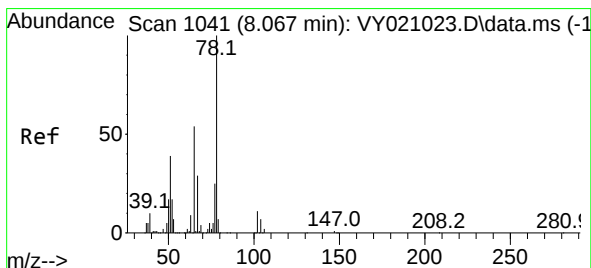
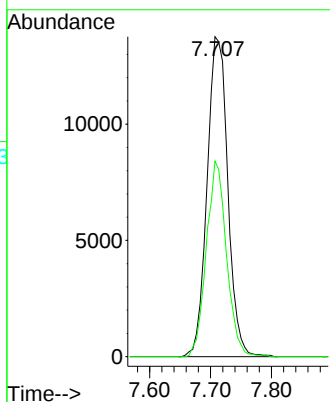
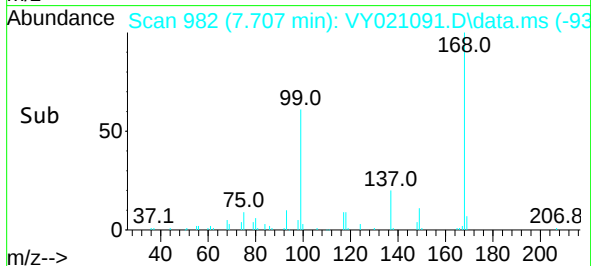
Instrument :
MSVOA_Y
ClientSampleId :
HR-04-020425



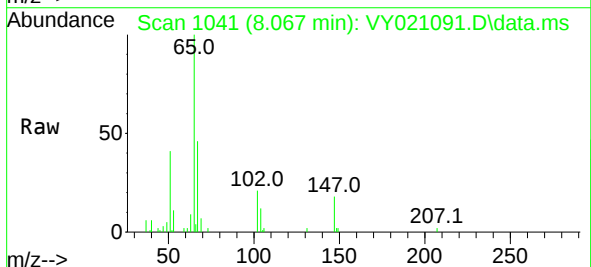
Tgt Ion:168 Resp: 3249
Ion Ratio Lower Upper
168 100
99 61.2 44.2 66.4

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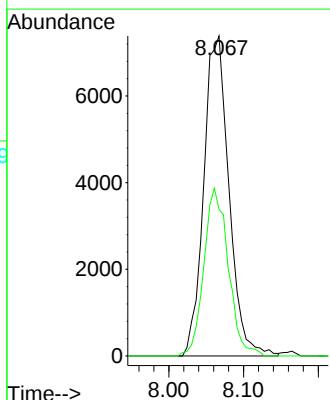
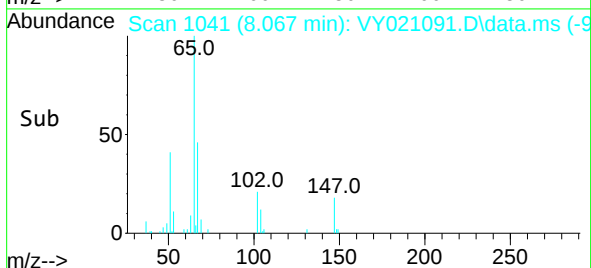
Reviewed By :Romaben Patel 02/06/2025
Supervised By :Mahesh Dadoda 02/06/2025

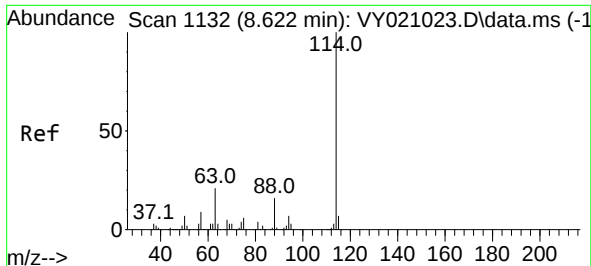


#33
1,2-Dichloroethane-d4
Concen: 52.015 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY021091.D
Acq: 05 Feb 2025 16:11



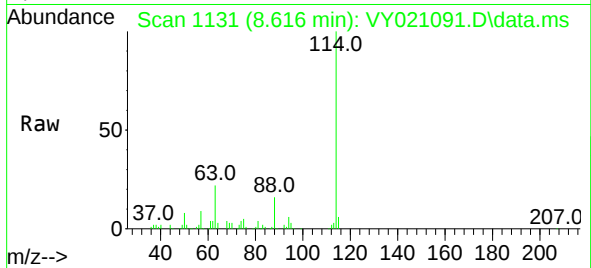
Tgt Ion: 65 Resp: 17320
Ion Ratio Lower Upper
65 100
67 50.7 0.0 109.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VY021091.D
Acq: 05 Feb 2025 16:11

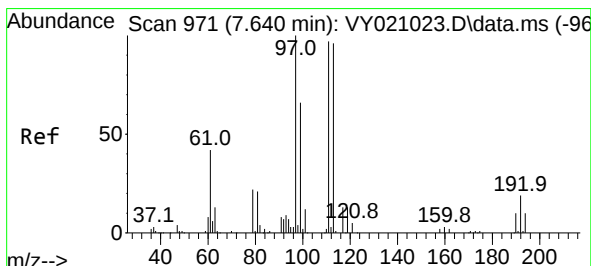
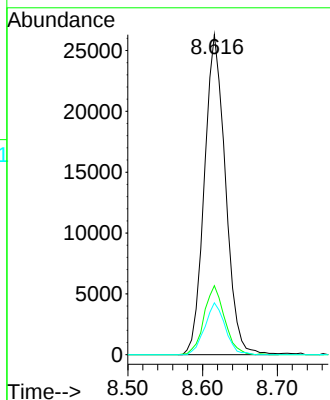
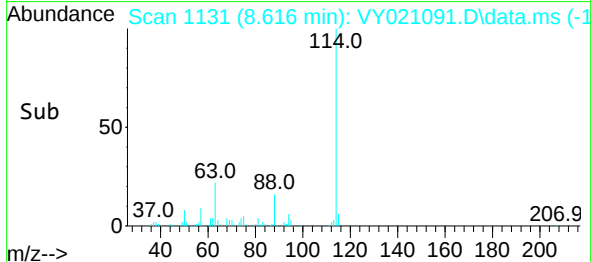
Instrument : MSVOA_Y
ClientSampleId : HR-04-020425



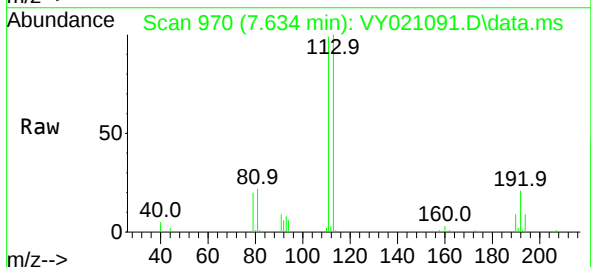
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Ion Ratio Lower Upper
114 100
63 21.6 0.0 37.4
88 16.2 0.0 29.0

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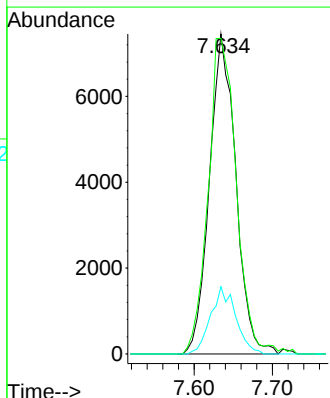
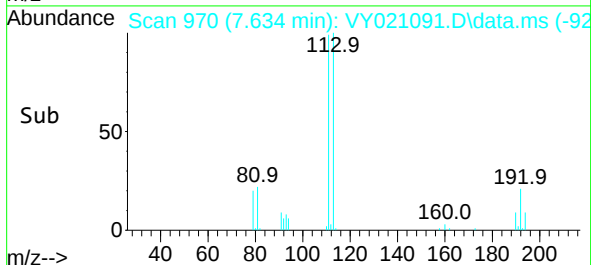
Reviewed By :Romaben Patel 02/06/2025
Supervised By :Mahesh Dadoda 02/06/2025



#35
Dibromofluoromethane
Concen: 52.606 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY021091.D
Acq: 05 Feb 2025 16:11



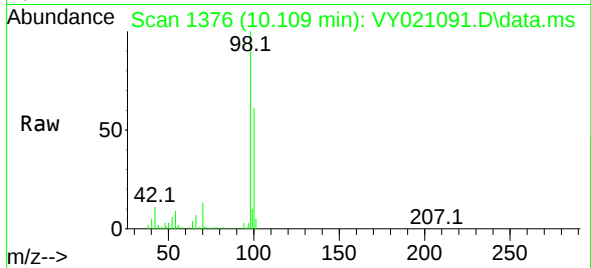
Tgt Ion:113 Resp: 17399
Ion Ratio Lower Upper
113 100
111 105.9 83.8 125.6
192 20.0 14.5 21.7





#50
Toluene-d8
Concen: 47.796 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY021091.D
Acq: 05 Feb 2025 16:11

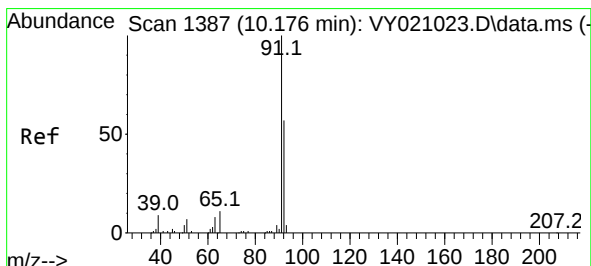
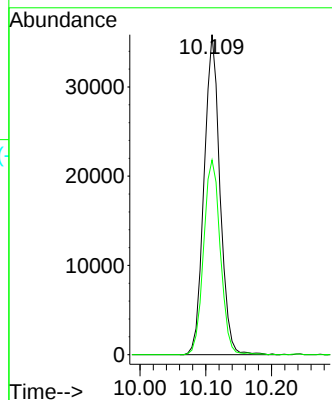
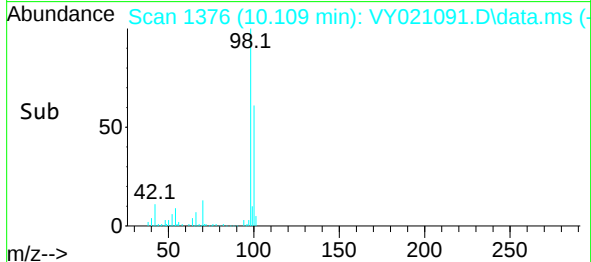
Instrument :
MSVOA_Y
ClientSampleId :
HR-04-020425



Tgt Ion: 98 Resp: 60182
Ion Ratio Lower Upper
98 100
100 64.0 52.3 78.5

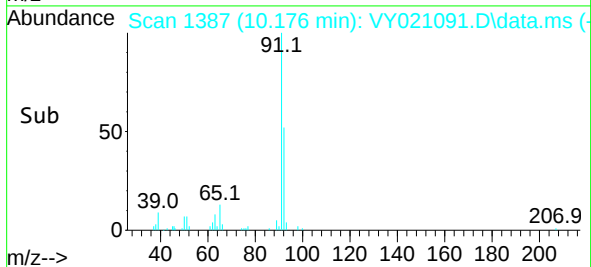
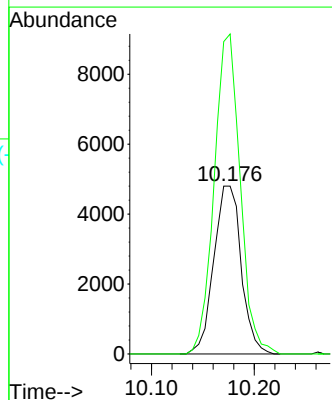
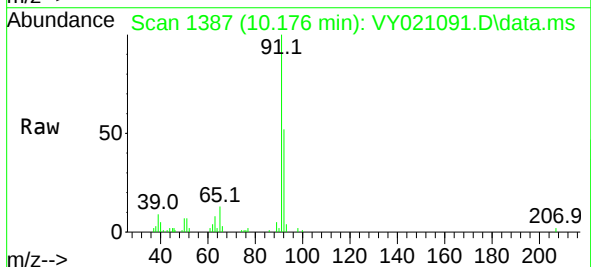
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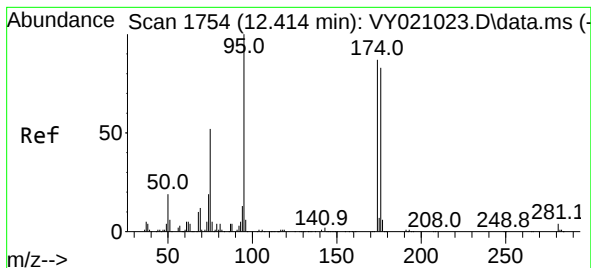
Reviewed By :Romaben Patel 02/06/2025
Supervised By :Mahesh Dadoda 02/06/2025



#52
Toluene
Concen: 9.839 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VY021091.D
Acq: 05 Feb 2025 16:11

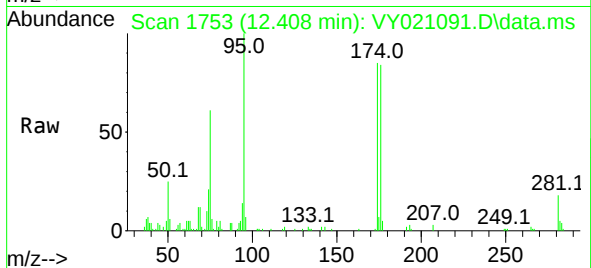
Tgt Ion: 92 Resp: 8882
Ion Ratio Lower Upper
92 100
91 180.9 137.6 206.4





#62
4-Bromofluorobenzene
Concen: 40.301 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY021091.D
Acq: 05 Feb 2025 16:11

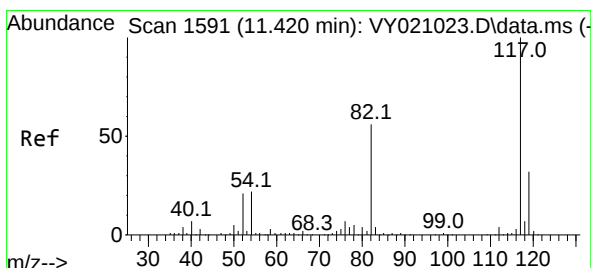
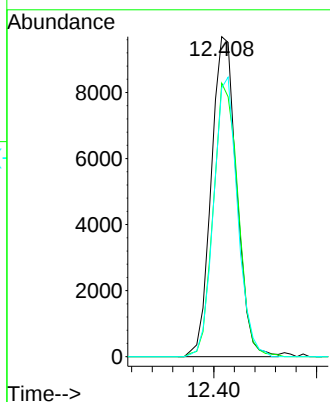
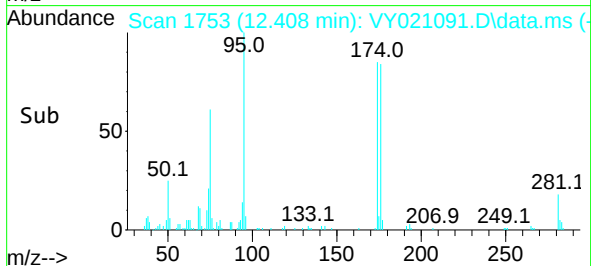
Instrument :
MSVOA_Y
ClientSampleId :
HR-04-020425



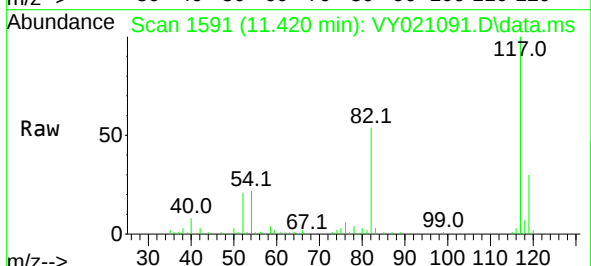
Tgt Ion: 95 Resp: 16578
Ion Ratio Lower Upper
95 100
174 83.5 0.0 160.0
176 82.3 0.0 151.8

Manual Integrations
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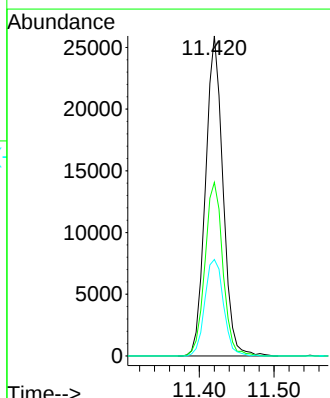
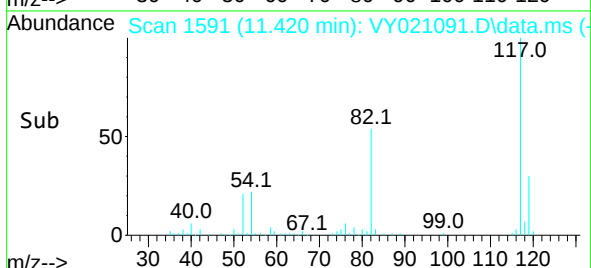
Reviewed By :Romaben Patel 02/06/2025
Supervised By :Mahesh Dadoda 02/06/2025

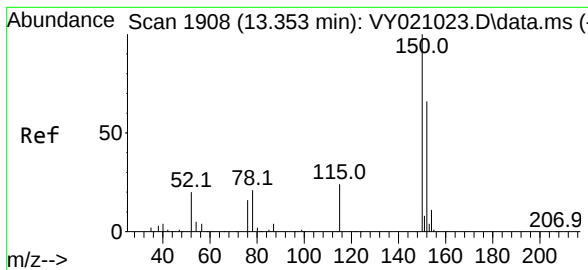


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY021091.D
Acq: 05 Feb 2025 16:11



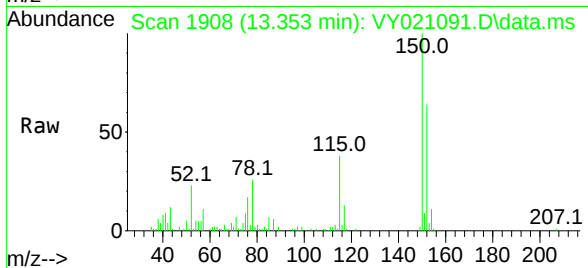
Tgt Ion:117 Resp: 42042
Ion Ratio Lower Upper
117 100
82 54.3 43.8 65.8
119 30.1 26.5 39.7





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VY021091.D
Acq: 05 Feb 2025 16:11

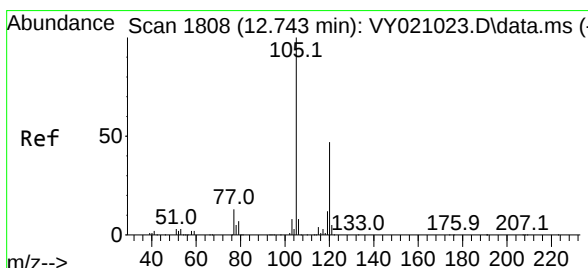
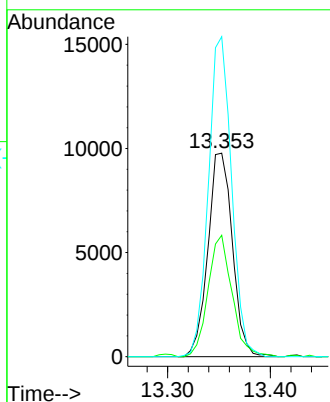
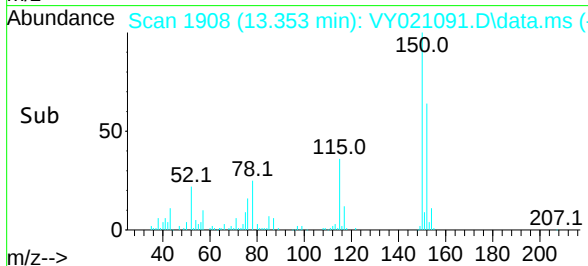
Instrument : MSVOA_Y
ClientSampleId : HR-04-020425



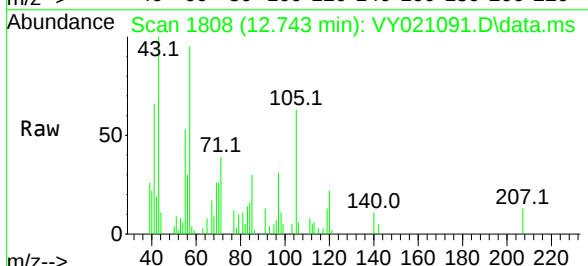
Tgt Ion:152 Resp: 1618
Ion Ratio Lower Upper
152 100
115 58.3 30.0 90.0
150 148.7 0.0 344.6

Manual Integrations
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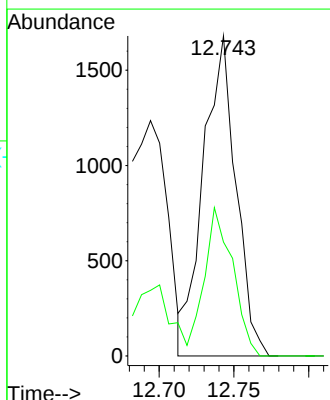
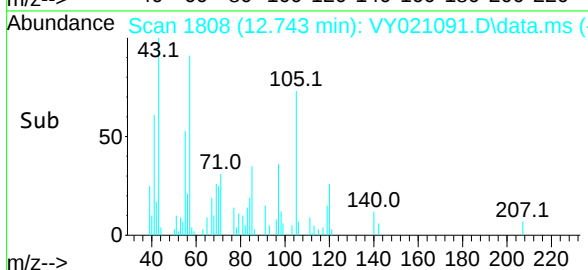
Reviewed By :Romaben Patel 02/06/2025
Supervised By :Mahesh Dadoda 02/06/2025

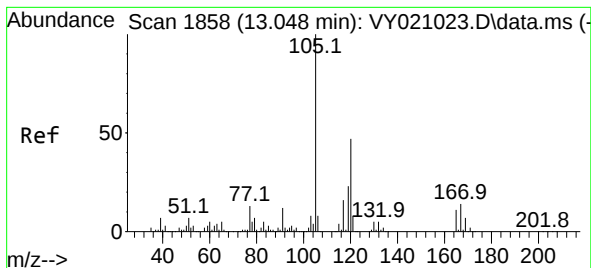


#80
1,3,5-Trimethylbenzene
Concen: 2.487 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VY021091.D
Acq: 05 Feb 2025 16:11



Tgt Ion:105 Resp: 2549
Ion Ratio Lower Upper
105 100
120 40.2 24.3 72.8





#84

1,2,4-Trimethylbenzene

Concen: 10.715 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. -0.000 min

Lab File: VY021091.D

Acq: 05 Feb 2025 16:11

Instrument :

MSVOA_Y

ClientSampleId :

HR-04-020425

Tgt Ion:105 Resp: 1073

Ion Ratio Lower Upper

105 100

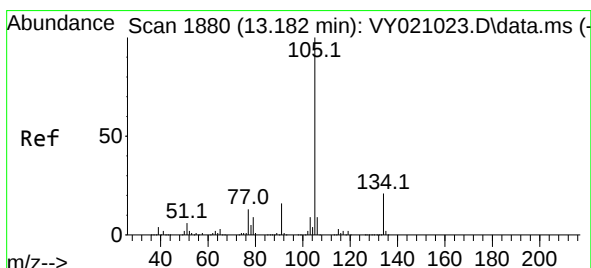
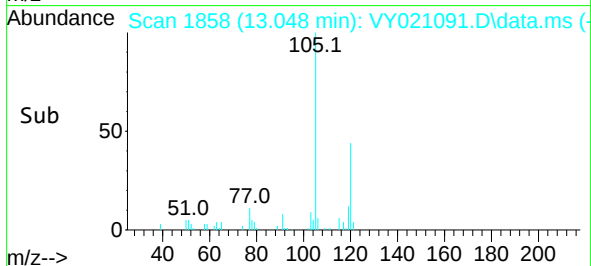
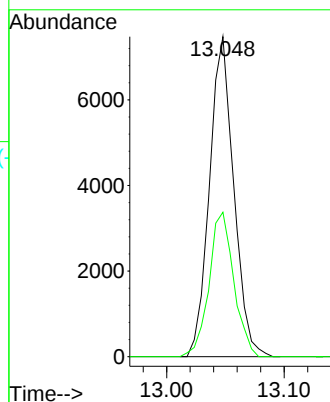
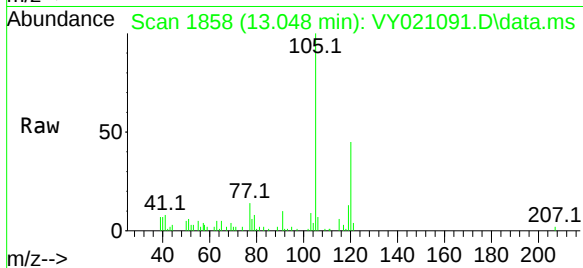
120 46.0 22.1 66.3

Manual Integrations

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Supervised By :Mahesh Dadoda 02/06/2025



#85

sec-Butylbenzene

Concen: 1.384 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. -0.006 min

Lab File: VY021091.D

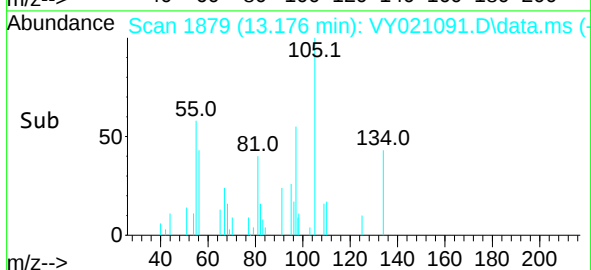
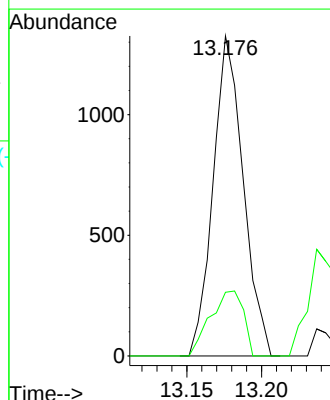
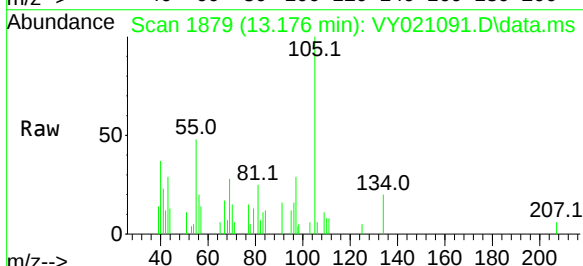
Acq: 05 Feb 2025 16:11

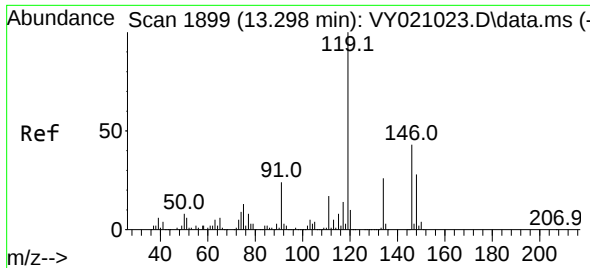
Tgt Ion:105 Resp: 1856

Ion Ratio Lower Upper

105 100

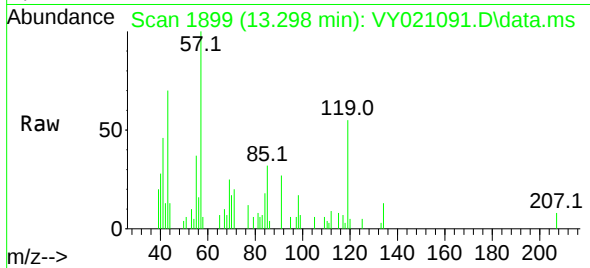
134 22.2 9.7 28.9





#86
p-Isopropyltoluene
Concen: 1.102 ug/l m
RT: 13.298 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VY021091.D
Acq: 05 Feb 2025 16:11

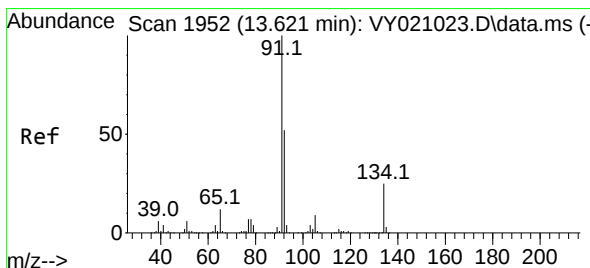
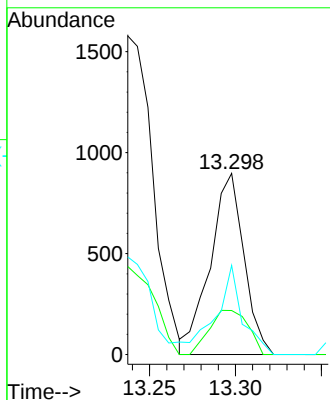
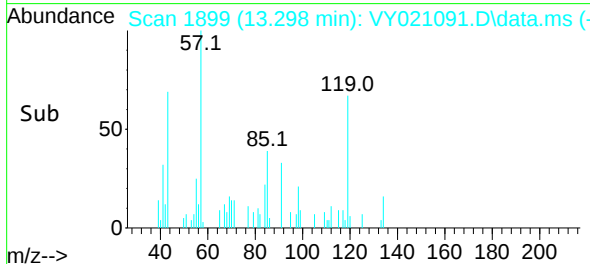
Instrument :
MSVOA_Y
ClientSampleId :
HR-04-020425



Tgt Ion: 119 Resp: 1228
Ion Ratio Lower Upper
119 100
134 54.1 13.1 39.1
91 49.8 11.7 35.0

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Supervised By :Mahesh Dadoda 02/06/2025



#89
n-Butylbenzene
Concen: 2.193 ug/l
RT: 13.621 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VY021091.D
Acq: 05 Feb 2025 16:11

Tgt Ion: 91 Resp: 2228
Ion Ratio Lower Upper
91 100
92 58.6 26.4 79.2
134 0.0 12.3 36.8

