

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030525\
 Data File : VY021421.D
 Acq On : 05 Mar 2025 18:29
 Operator : SY/MD
 Sample : Q1489-09
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-3

Quant Time: Mar 06 02:58:22 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	276787	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	506008	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	444370	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	164231	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	168907	57.737	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 115.480%			
35) Dibromofluoromethane	7.634	113	166235	49.980	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.960%			
50) Toluene-d8	10.109	98	622746	49.450	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 98.900%			
62) 4-Bromofluorobenzene	12.408	95	188151	43.921	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 87.840%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.848	59	31242	155.758	ug/l	96
16) Acetone	3.866	43	139580	218.753	ug/l	95
25) 2-Butanone	6.890	43	54190	61.395	ug/l	91
31) Cyclohexane	7.701	56	70212	12.815	ug/l #	94
39) Methylcyclohexane	9.109	83	85319	13.360	ug/l	95
73) Isopropylbenzene	12.255	105	54171	4.187	ug/l	99
78) n-propylbenzene	12.597	91	217353	13.834	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	45459	4.324	ug/l	100
86) p-Isopropyltoluene	13.292	119	75233	6.544	ug/l	99
89) n-Butylbenzene	13.621	91	30820m	2.903	ug/l	

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

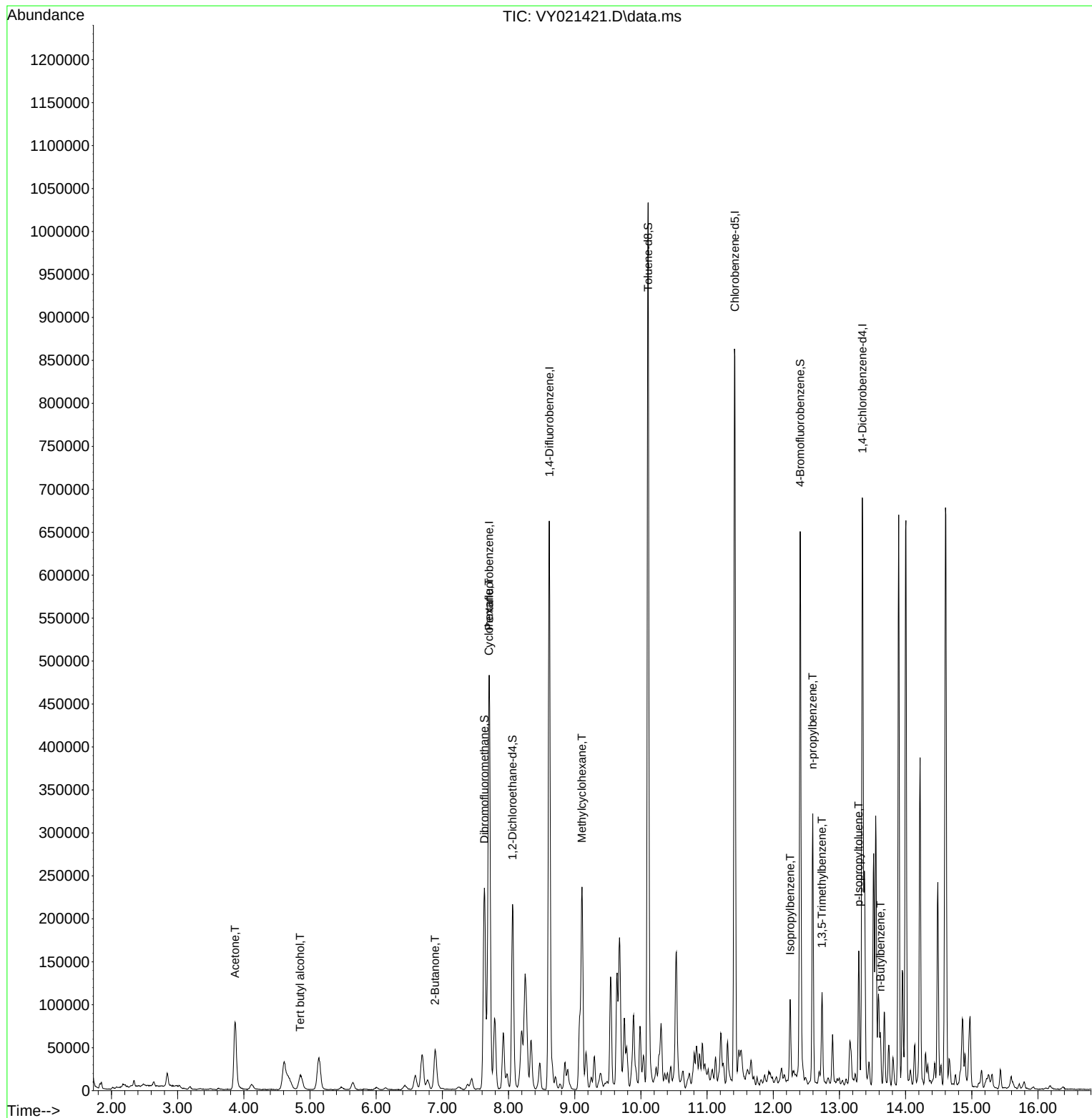
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030525\
Data File : VY021421.D
Acq On : 05 Mar 2025 18:29
Operator : SY/MD
Sample : Q1489-09
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

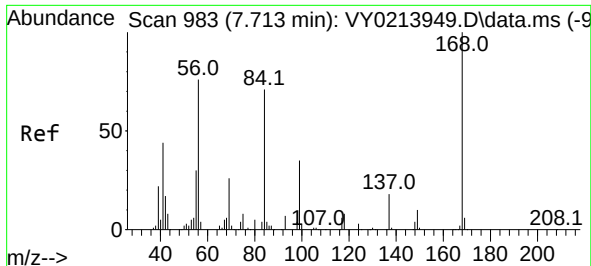
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

Quant Time: Mar 06 02:58:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
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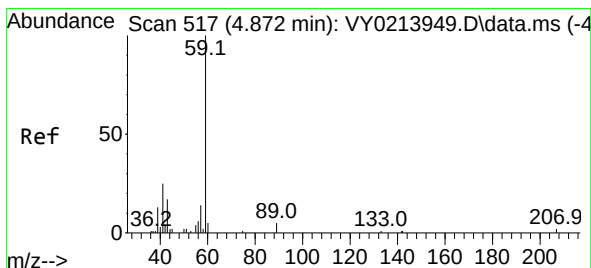
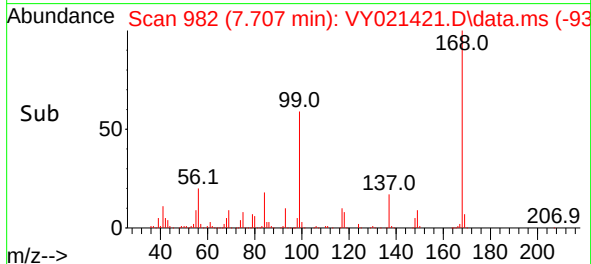
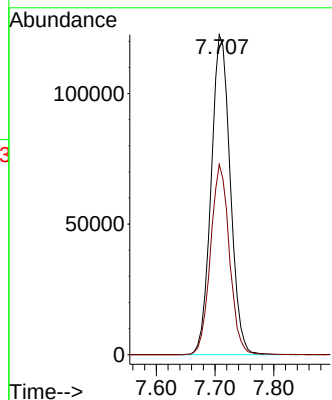
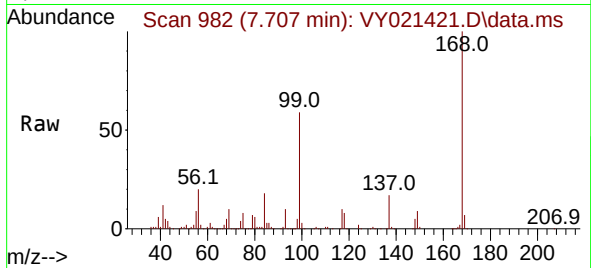
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021421.D
Acq: 05 Mar 2025 18:29

Instrument :
MSVOA_Y
ClientSampleId :
TP-3

Tgt Ion:168 Resp: 27678
Ion Ratio Lower Upper
168 100
99 59.4 46.0 69.0

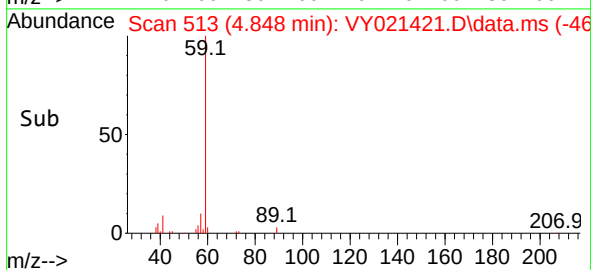
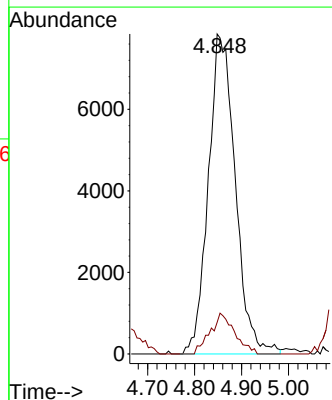
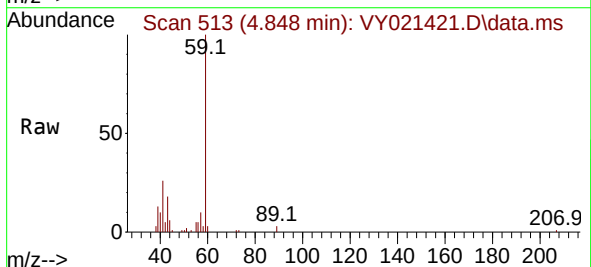
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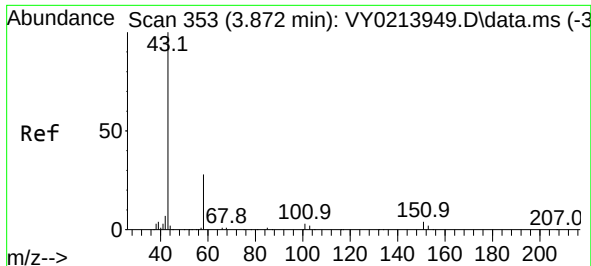
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#11
Tert butyl alcohol
Concen: 155.758 ug/l
RT: 4.848 min Scan# 513
Delta R.T. -0.024 min
Lab File: VY021421.D
Acq: 05 Mar 2025 18:29

Tgt Ion: 59 Resp: 31242
Ion Ratio Lower Upper
59 100
57 11.6 8.2 12.4





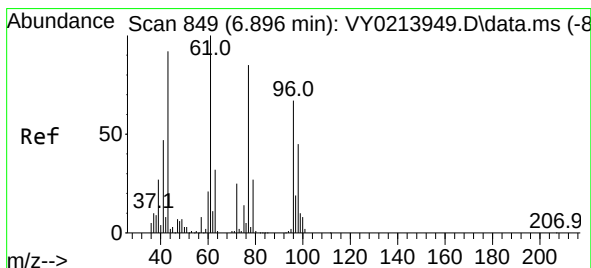
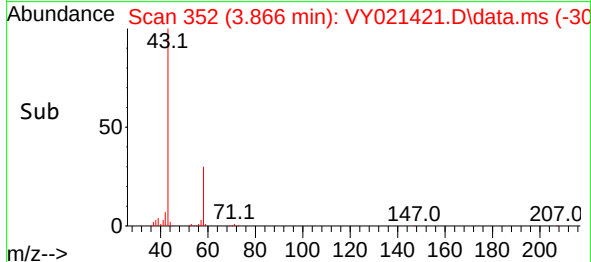
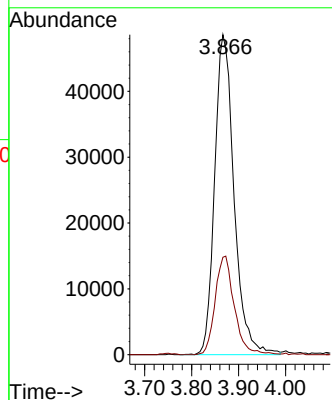
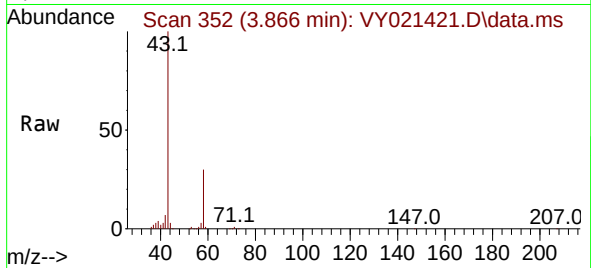
#16
Acetone
Concen: 218.753 ug/l
RT: 3.866 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY021421.D
Acq: 05 Mar 2025 18:29

Instrument :
MSVOA_Y
ClientSampleId :
TP-3

Tgt Ion: 43 Resp: 139580
Ion Ratio Lower Upper
43 100
58 30.5 22.1 33.1

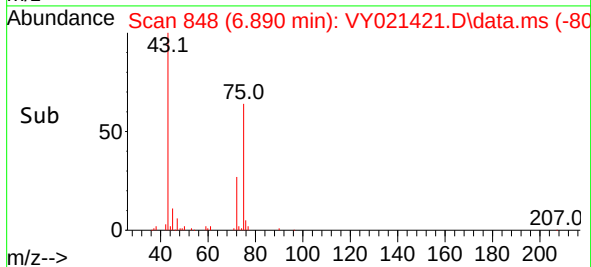
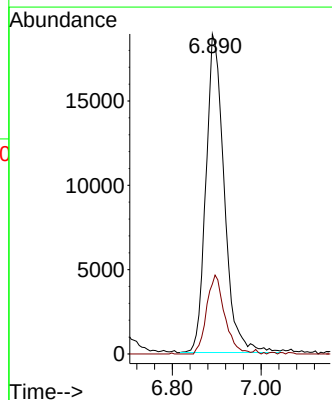
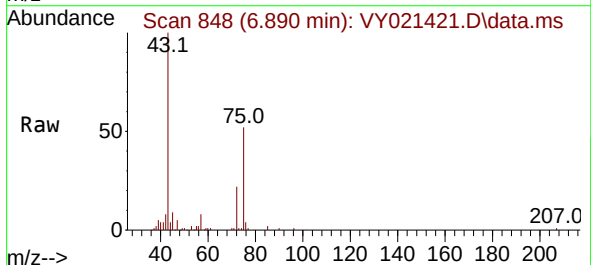
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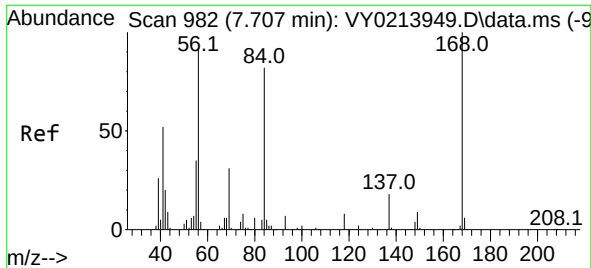
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#25
2-Butanone
Concen: 61.395 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.006 min
Lab File: VY021421.D
Acq: 05 Mar 2025 18:29

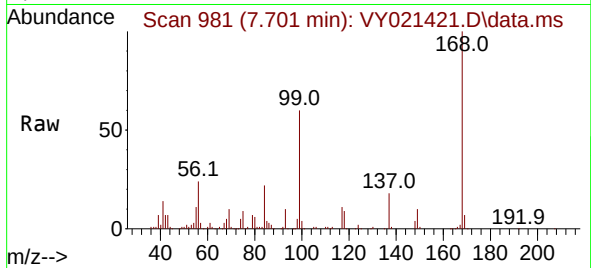
Tgt Ion: 43 Resp: 54190
Ion Ratio Lower Upper
43 100
72 22.0 21.4 32.0





#31
Cyclohexane
Concen: 12.815 ug/l
RT: 7.701 min Scan# 982
Delta R.T. -0.006 min
Lab File: VY021421.D
Acq: 05 Mar 2025 18:29

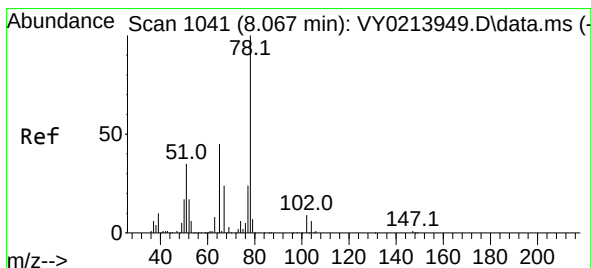
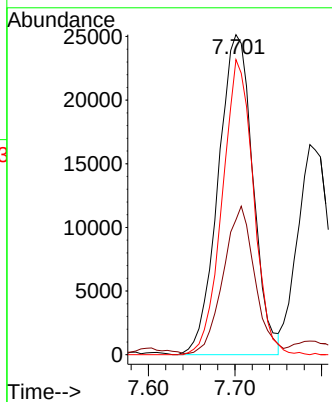
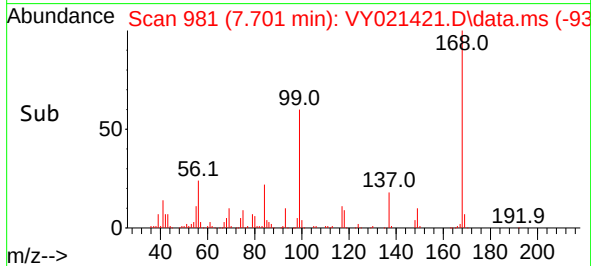
Instrument :
MSVOA_Y
ClientSampleId :
TP-3



Tgt Ion: 56 Resp: 7021
Ion Ratio Lower Upper
56 100
69 41.3 27.0 40.4
84 92.2 71.1 106.7

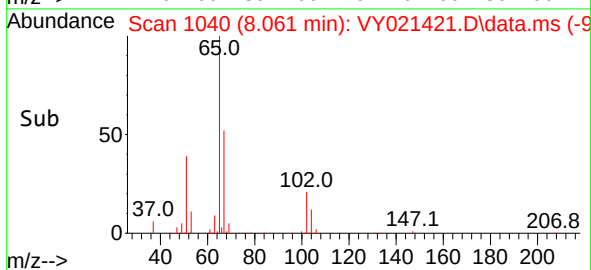
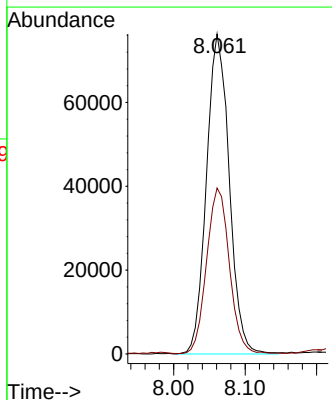
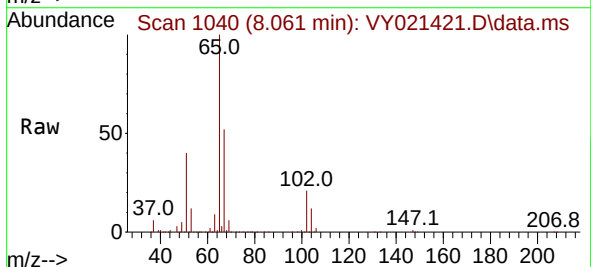
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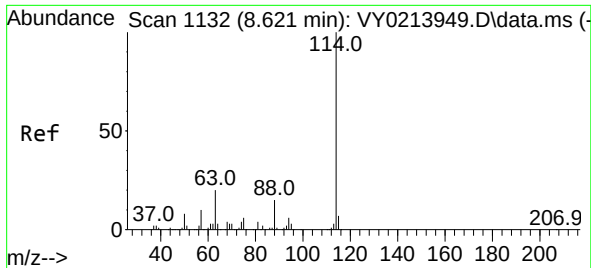
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#33
1,2-Dichloroethane-d4
Concen: 57.737 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021421.D
Acq: 05 Mar 2025 18:29

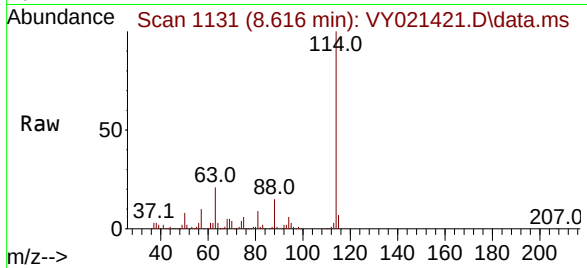
Tgt Ion: 65 Resp: 168907
Ion Ratio Lower Upper
65 100
67 51.5 0.0 102.8





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VY021421.D
Acq: 05 Mar 2025 18:29

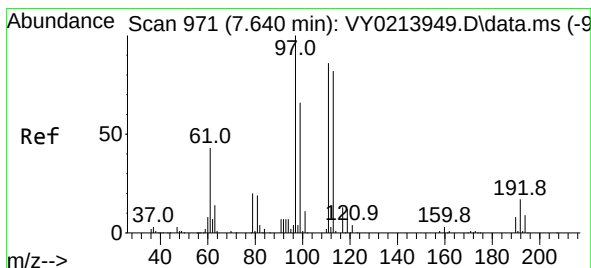
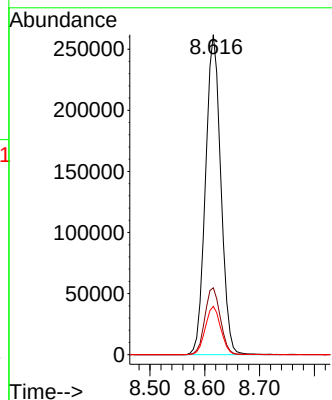
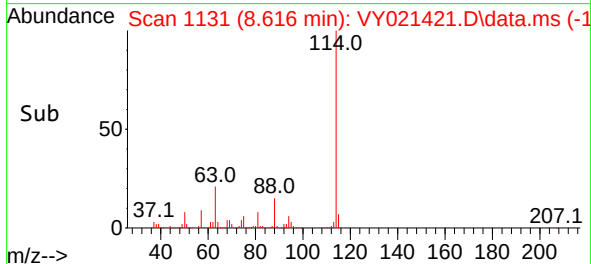
Instrument :
MSVOA_Y
ClientSampleId :
TP-3



Tgt Ion:114 Resp: 506008
Ion Ratio Lower Upper
114 100
63 20.9 0.0 40.8
88 15.1 0.0 30.8

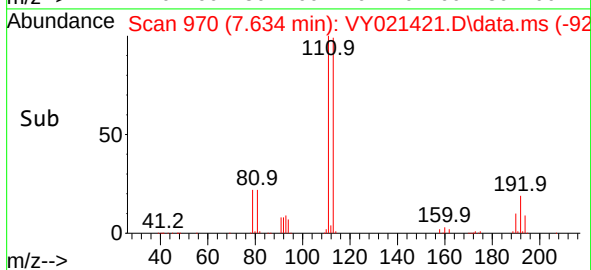
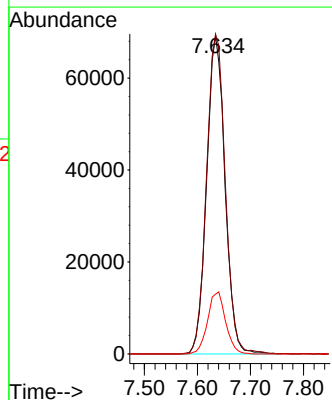
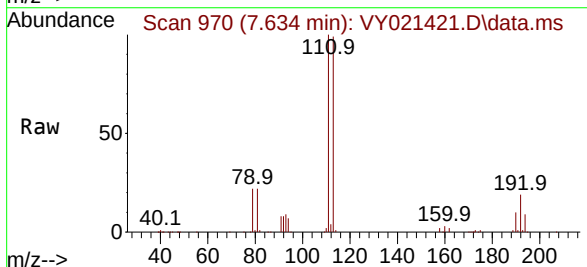
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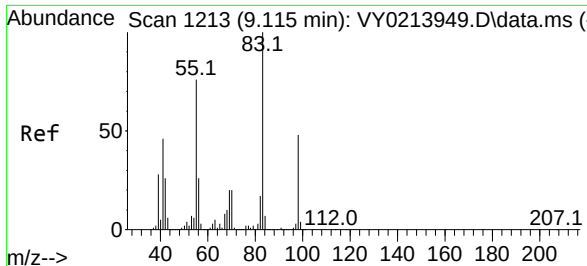
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#35
Dibromofluoromethane
Concen: 49.980 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY021421.D
Acq: 05 Mar 2025 18:29

Tgt Ion:113 Resp: 166235
Ion Ratio Lower Upper
113 100
111 102.9 82.0 123.0
192 19.2 15.9 23.9





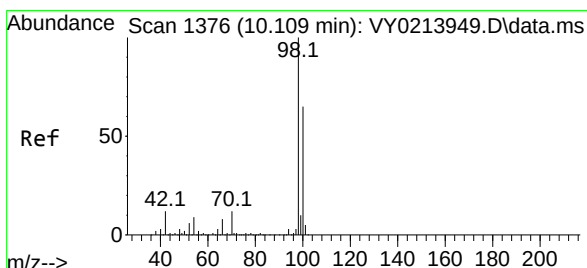
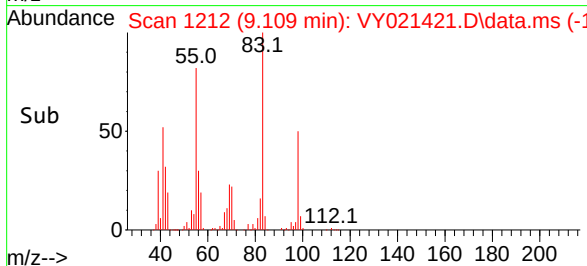
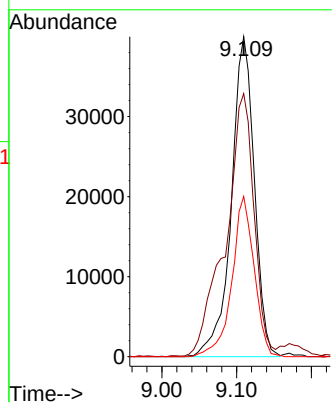
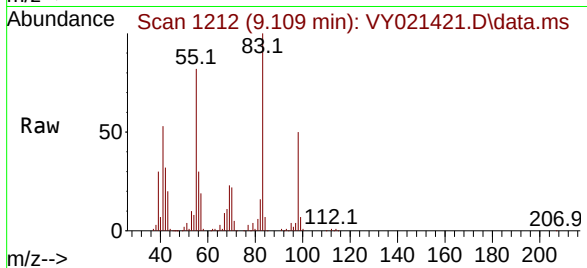
#39
Methylcyclohexane
Concen: 13.360 ug/l
RT: 9.109 min Scan# 1213
Delta R.T. -0.006 min
Lab File: VY021421.D
Acq: 05 Mar 2025 18:29

Instrument :
MSVOA_Y
ClientSampleId :
TP-3

Tgt Ion: 83 Resp: 85319
Ion Ratio Lower Upper
83 100
55 82.0 60.7 91.1
98 50.0 38.6 57.8

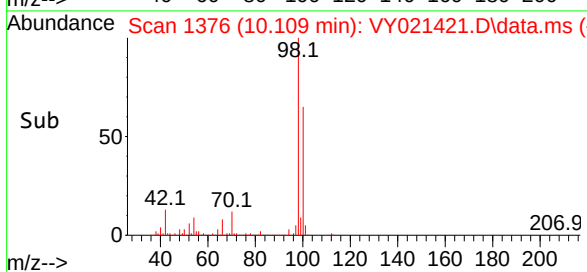
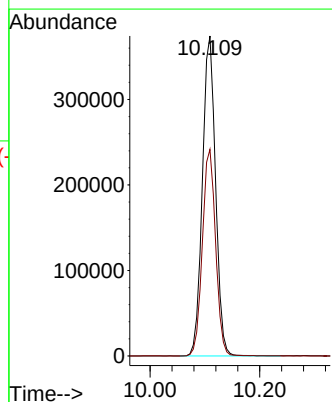
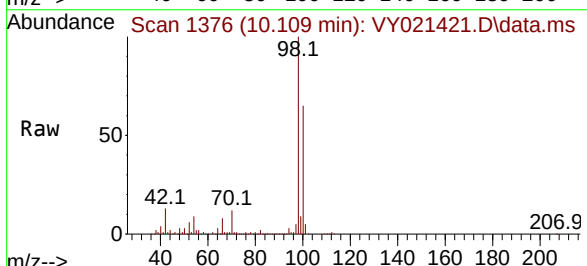
Manual Integrations
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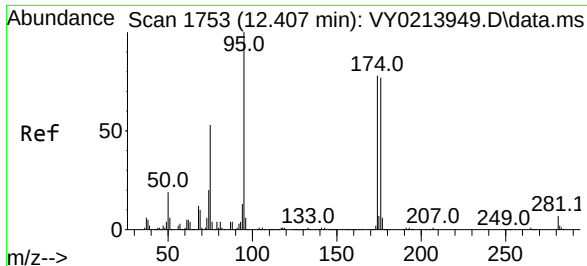
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#50
Toluene-d8
Concen: 49.450 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021421.D
Acq: 05 Mar 2025 18:29

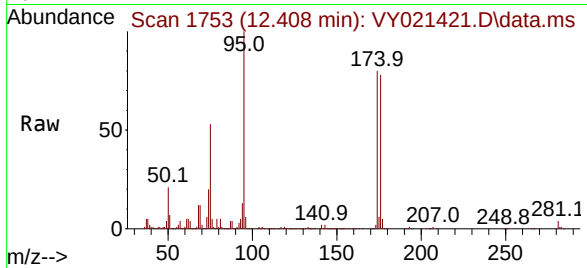
Tgt Ion: 98 Resp: 622746
Ion Ratio Lower Upper
98 100
100 65.0 52.1 78.1





#62
4-Bromofluorobenzene
Concen: 43.921 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021421.D
Acq: 05 Mar 2025 18:29

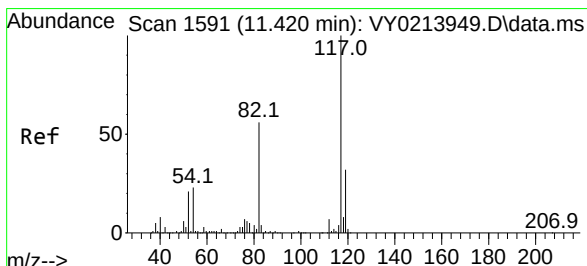
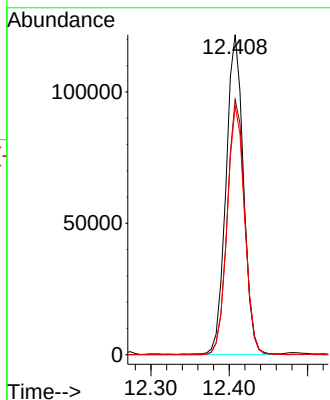
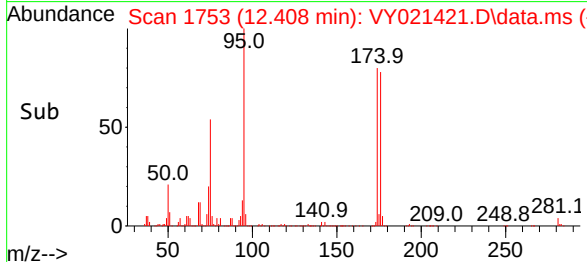
Instrument :
MSVOA_Y
ClientSampleId :
TP-3



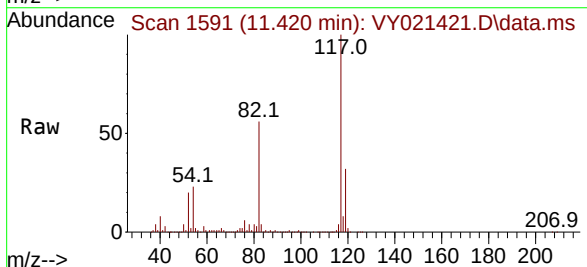
Tgt Ion: 95 Resp: 18815
Ion Ratio Lower Upper
95 100
174 79.9 0.0 165.0
176 77.9 0.0 160.0

Manual Integrations
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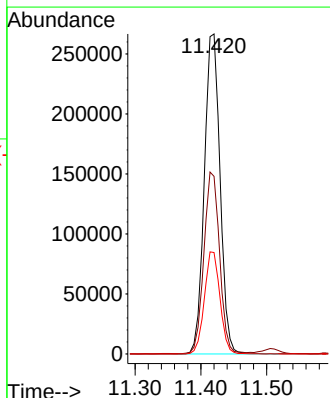
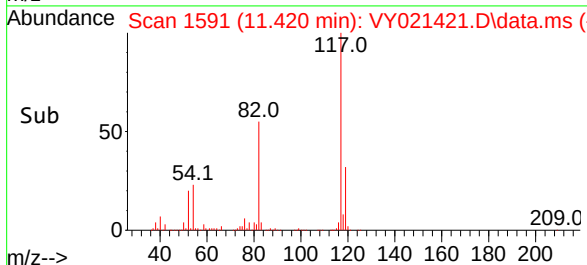
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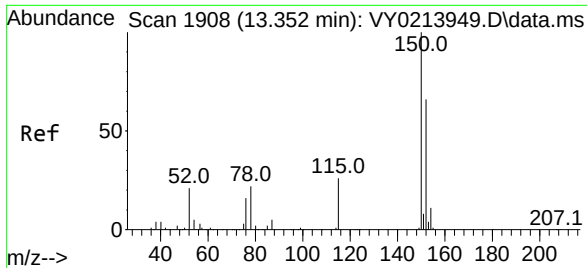


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY021421.D
Acq: 05 Mar 2025 18:29



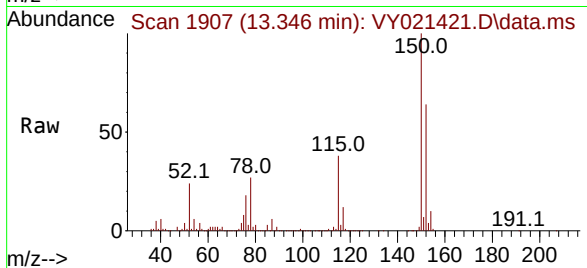
Tgt Ion:117 Resp: 444370
Ion Ratio Lower Upper
117 100
82 55.4 44.6 67.0
119 31.7 25.4 38.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1908
Delta R.T. -0.006 min
Lab File: VY021421.D
Acq: 05 Mar 2025 18:29

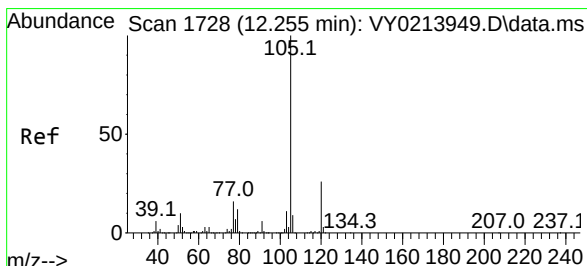
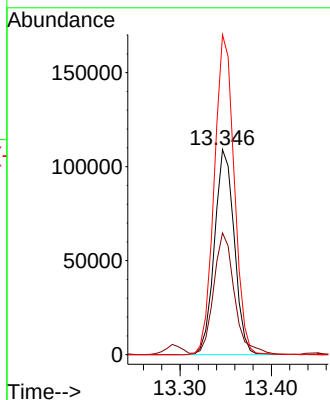
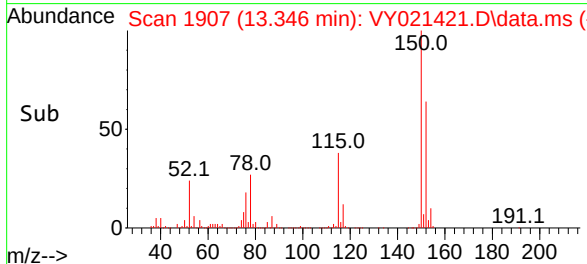
Instrument :
MSVOA_Y
ClientSampleId :
TP-3



Tgt Ion:152 Resp: 16423
Ion Ratio Lower Upper
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150 157.3 0.0 347.2

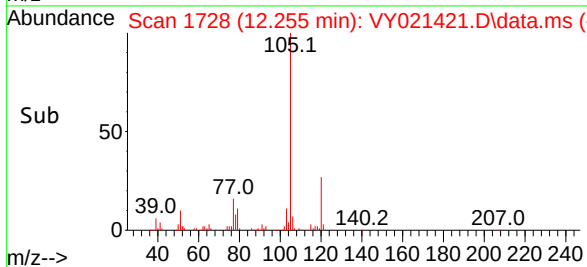
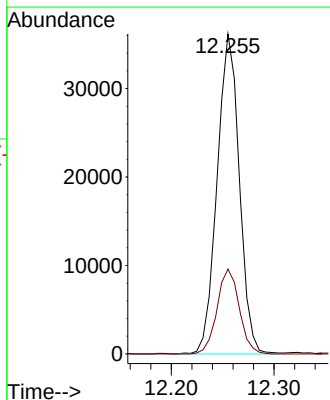
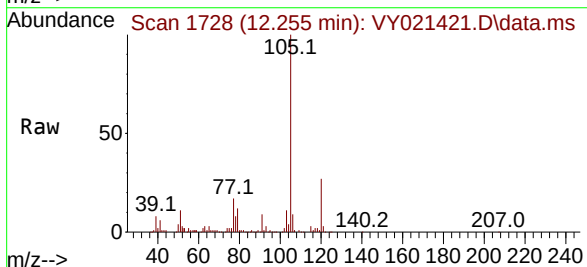
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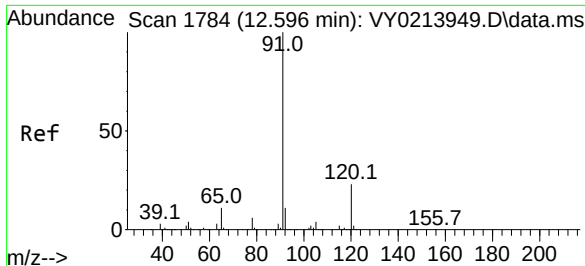
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#73
Isopropylbenzene
Concen: 4.187 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY021421.D
Acq: 05 Mar 2025 18:29

Tgt Ion:105 Resp: 54171
Ion Ratio Lower Upper
105 100
120 26.5 13.1 39.3





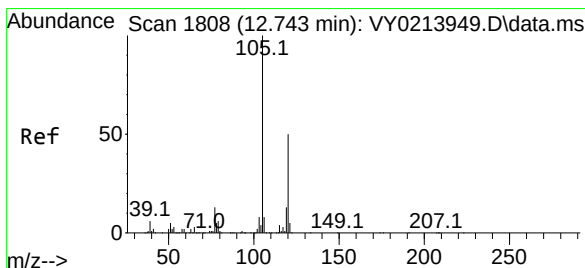
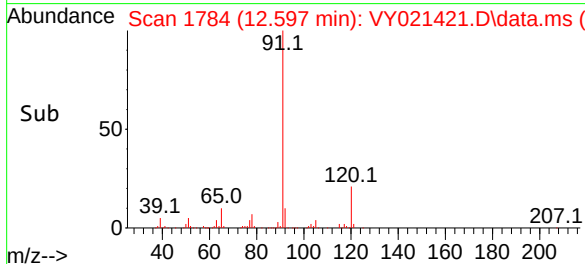
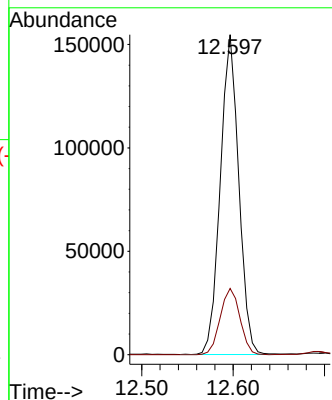
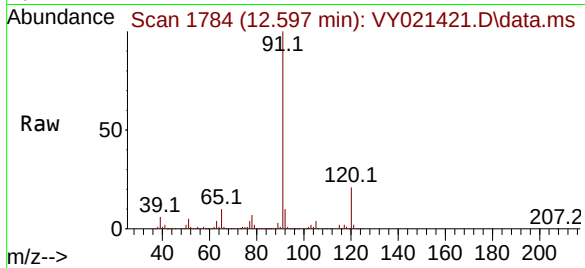
#78
n-propylbenzene
Concen: 13.834 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021421.D
Acq: 05 Mar 2025 18:29

Instrument :
MSVOA_Y
ClientSampleId :
TP-3

Tgt Ion: 91 Resp: 21735
Ion Ratio Lower Upper
91 100
120 22.1 11.3 33.8

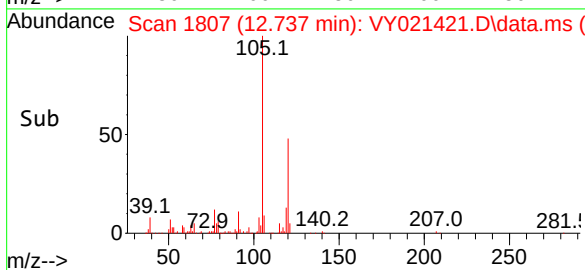
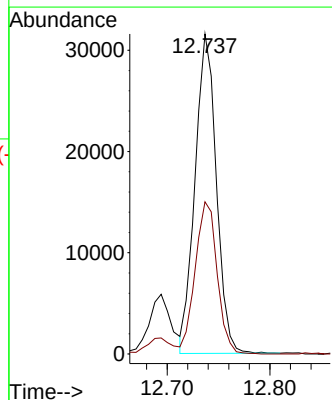
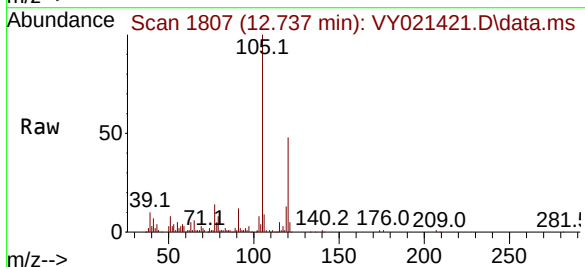
Manual Integrations
APPROVED

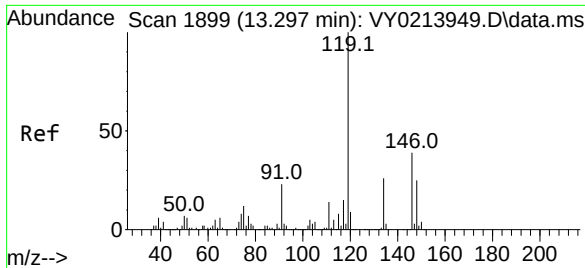
Reviewed By :Mahesh Dadoda 03/06/2025
Supervised By :Semsettin Yesilyurt 03/06/2025



#80
1,3,5-Trimethylbenzene
Concen: 4.324 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.006 min
Lab File: VY021421.D
Acq: 05 Mar 2025 18:29

Tgt Ion:105 Resp: 45459
Ion Ratio Lower Upper
105 100
120 49.1 24.6 73.6





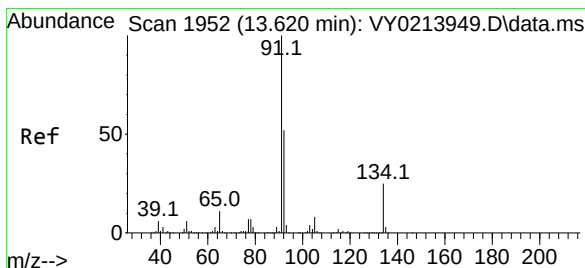
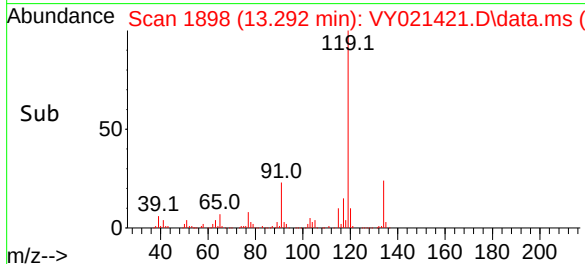
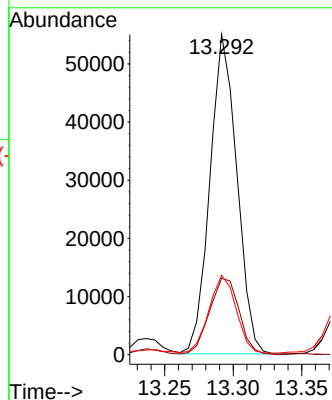
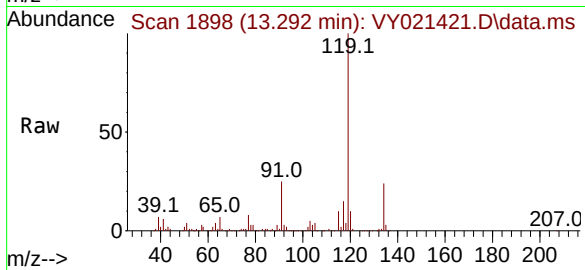
#86
p-Isopropyltoluene
Concen: 6.544 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. -0.006 min
Lab File: VY021421.D
Acq: 05 Mar 2025 18:29

Instrument : MSVOA_Y
ClientSampleId : TP-3

Tgt Ion: 119 Resp: 7523
Ion Ratio Lower Upper
119 100
134 26.4 13.1 39.1
91 24.6 12.2 36.6

Manual Integrations
APPROVED

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



#89
n-Butylbenzene
Concen: 2.903 ug/l m
RT: 13.621 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VY021421.D
Acq: 05 Mar 2025 18:29

Tgt Ion: 91 Resp: 30820
Ion Ratio Lower Upper
91 100
92 52.5 26.1 78.3
134 0.0 12.6 37.8#

