

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070925\
 Data File : VW031776.D
 Acq On : 09 Jul 2025 15:18
 Operator : SY/MD
 Sample : Q2480-06
 Misc : 6.25g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GPX6

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/14/2025
 Supervised By :Semsettin Yesilyurt 07/14/2025

Quant Time: Jul 10 01:26:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 01 03:35:17 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.965	168	204825	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	383528	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	344296	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	180843	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.325	65	131523	44.744	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery =	89.480%		
35) Dibromofluoromethane	7.904	113	122293	48.865	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery =	97.720%		
50) Toluene-d8	10.331	98	664843	71.385	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery =	142.760%#		
62) 4-Bromofluorobenzene	12.617	95	301841	88.068	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery =	176.140%#		
Target Compounds						Qvalue
16) Acetone	4.167	43	40700	56.018	ug/l	92
17) Carbon Disulfide	4.423	76	16201	2.481	ug/l	# 95
39) Methylcyclohexane	9.343	83	484510m	107.531	ug/l	
67) Ethyl Benzene	11.733	91	203655	15.461	ug/l	96
73) Isopropylbenzene	12.465	105	143626	10.441	ug/l	99
78) n-propylbenzene	12.800	91	362145	21.985	ug/l	96
84) 1,2,4-Trimethylbenzene	13.245	105	84334	7.310	ug/l	100
85) sec-Butylbenzene	13.379	105	300303	20.513	ug/l	# 50
86) p-Isopropyltoluene	13.495	119	109120m	9.044	ug/l	
89) n-Butylbenzene	13.818	91	212212m	18.103	ug/l	

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

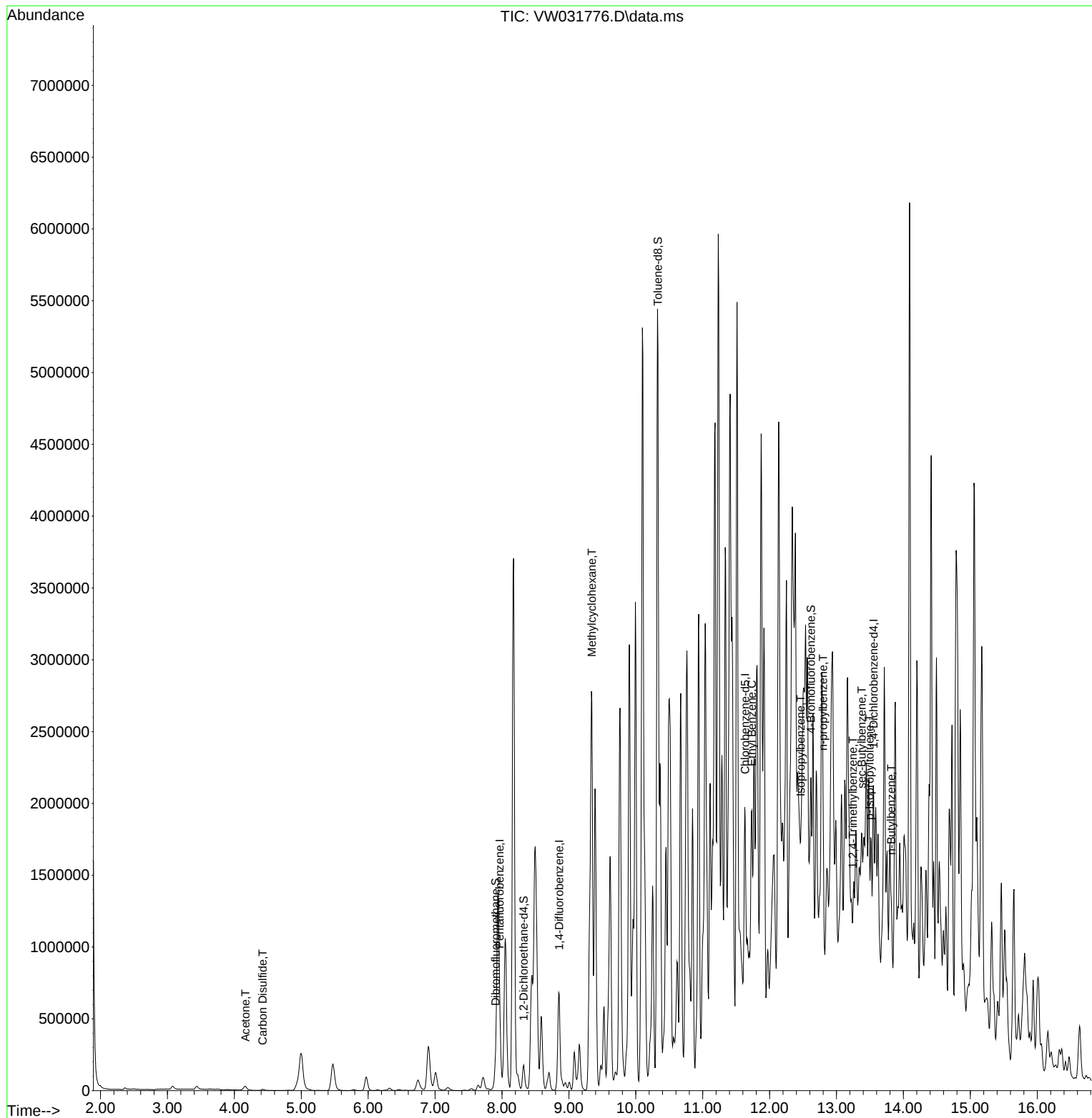
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070925\
Data File : VW031776.D
Acq On : 09 Jul 2025 15:18
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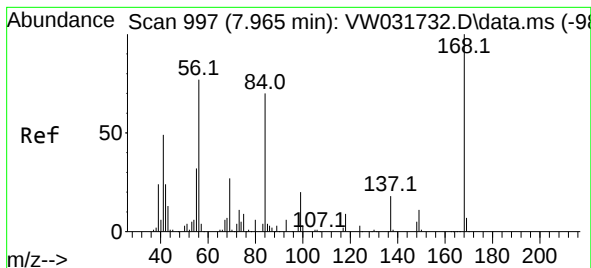
Instrument :
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Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.965 min Scan# 99

Delta R.T. 0.000 min

Lab File: VW031776.D

Acq: 09 Jul 2025 15:18

Instrument :

MSVOA_W

ClientSampleId :

GPX6

Tgt Ion:168 Resp: 20482

Ion Ratio Lower Upper

168 100

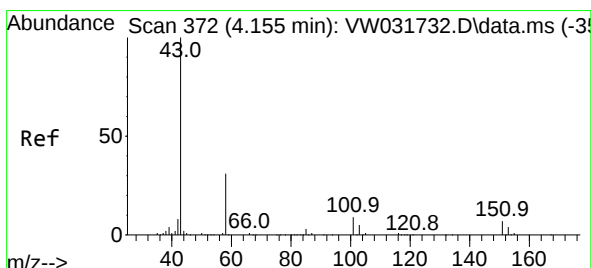
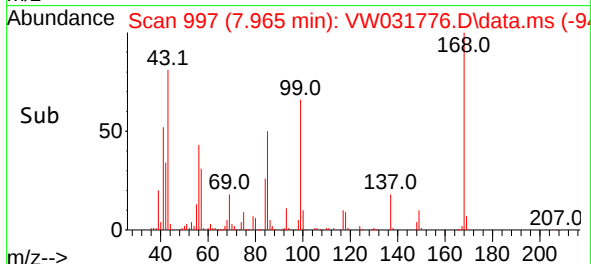
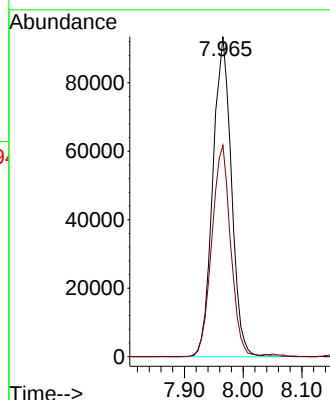
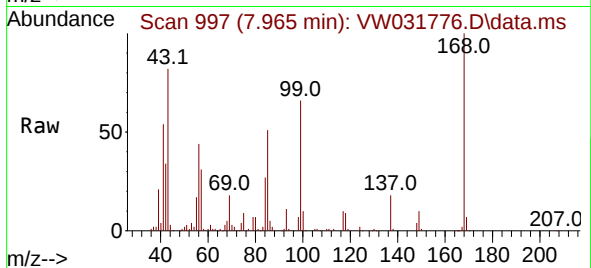
99 66.1 49.4 74.2

Manual Integrations

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#16

Acetone

Concen: 56.018 ug/l

RT: 4.167 min Scan# 374

Delta R.T. 0.013 min

Lab File: VW031776.D

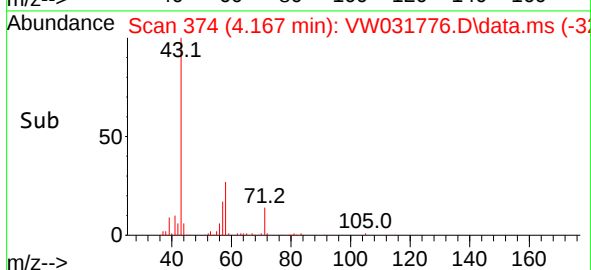
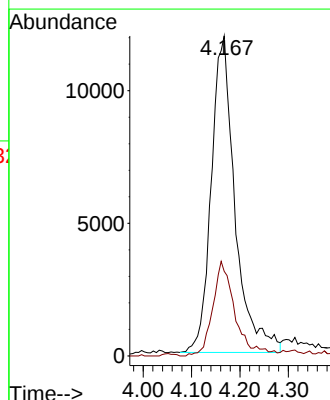
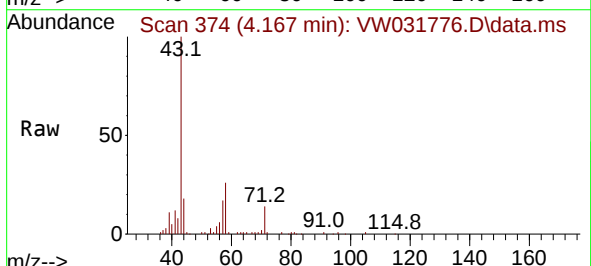
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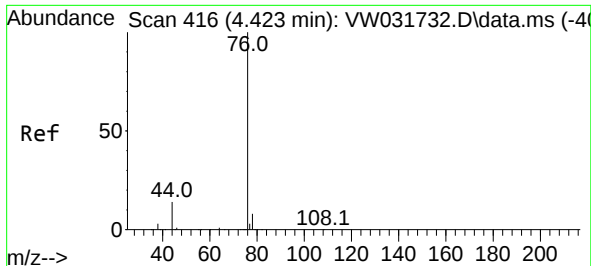
Tgt Ion: 43 Resp: 40700

Ion Ratio Lower Upper

43 100

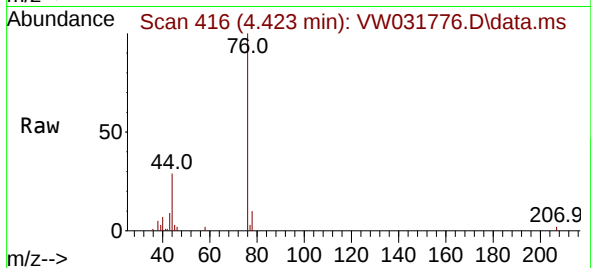
58 26.7 24.8 37.2





#17
Carbon Disulfide
Concen: 2.481 ug/l
RT: 4.423 min Scan# 416
Delta R.T. 0.000 min
Lab File: VW031776.D
Acq: 09 Jul 2025 15:18

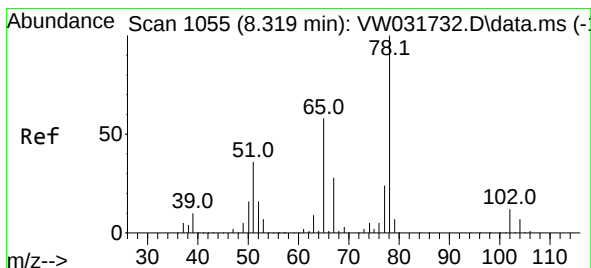
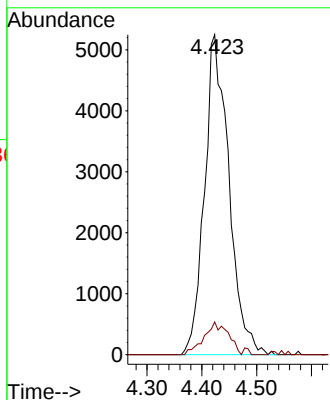
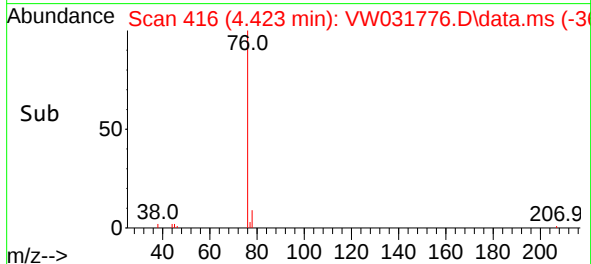
Instrument :
MSVOA_W
ClientSampleId :
GPX6



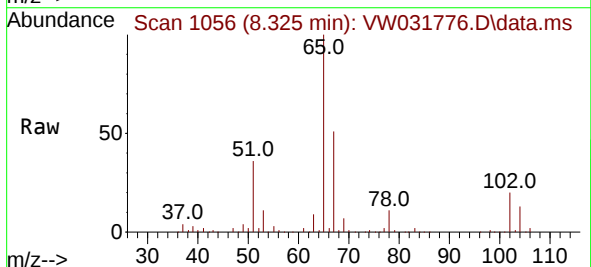
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Ion Ratio Lower Upper
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78 10.3 6.6 10.0

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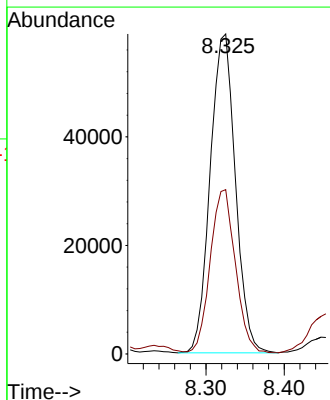
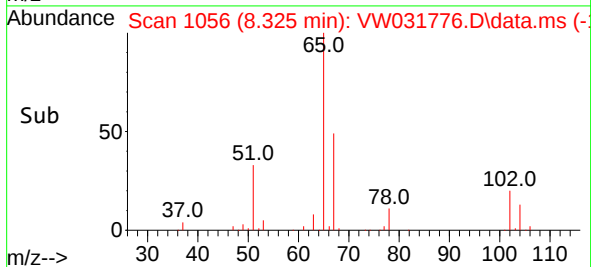
Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025

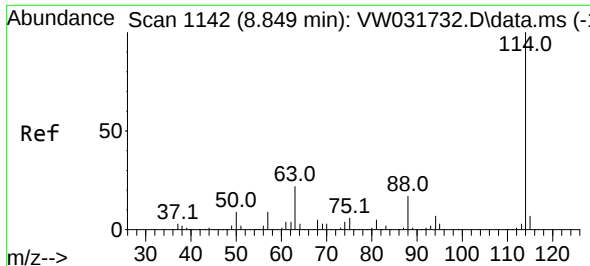


#33
1,2-Dichloroethane-d4
Concen: 44.744 ug/l
RT: 8.325 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VW031776.D
Acq: 09 Jul 2025 15:18



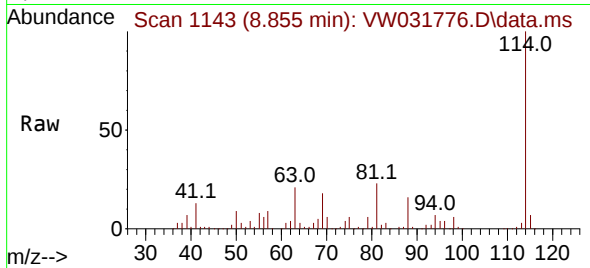
Tgt Ion: 65 Resp: 131523
Ion Ratio Lower Upper
65 100
67 50.8 0.0 99.4





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VW031776.D
Acq: 09 Jul 2025 15:18

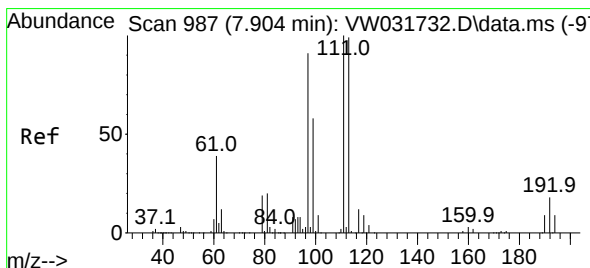
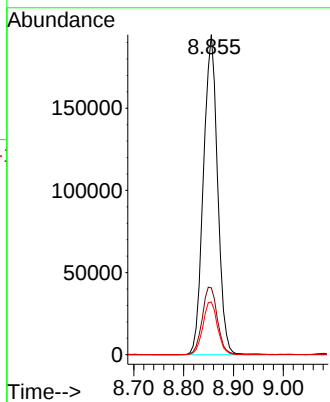
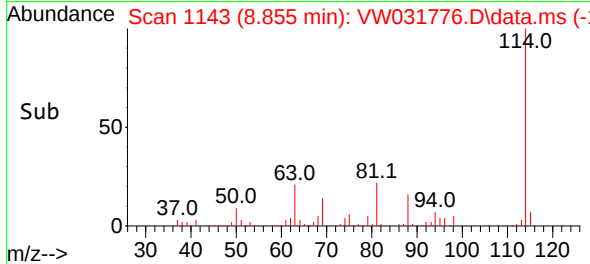
Instrument :
MSVOA_W
ClientSampleId :
GPX6



Tgt Ion:114 Resp: 383528
Ion Ratio Lower Upper
114 100
63 20.9 0.0 43.6
88 16.5 0.0 34.2

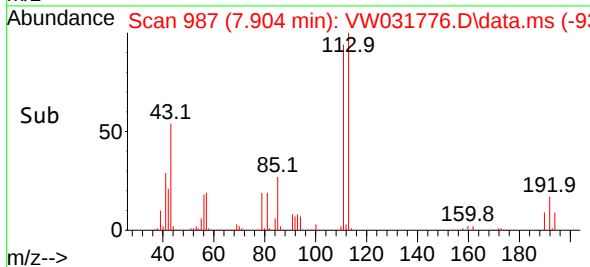
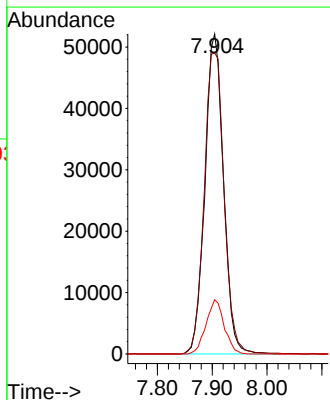
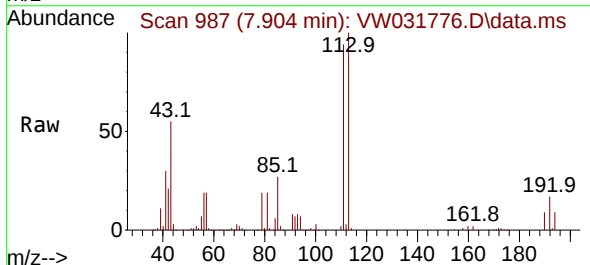
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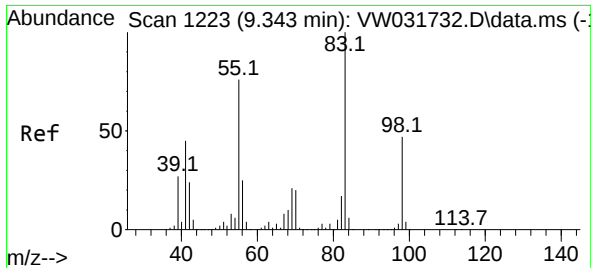
Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025



#35
Dibromofluoromethane
Concen: 48.865 ug/l
RT: 7.904 min Scan# 987
Delta R.T. 0.000 min
Lab File: VW031776.D
Acq: 09 Jul 2025 15:18

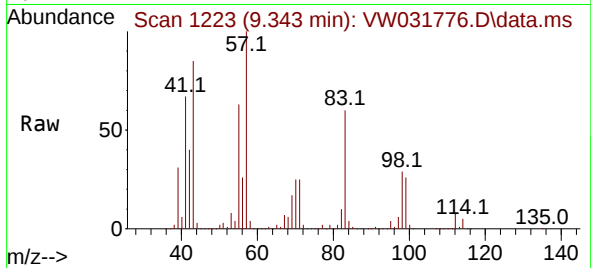
Tgt Ion:113 Resp: 122293
Ion Ratio Lower Upper
113 100
111 100.9 82.1 123.1
192 16.6 13.8 20.6





#39
Methylcyclohexane
Concen: 107.531 ug/l m
RT: 9.343 min Scan# 1223
Delta R.T. 0.000 min
Lab File: VW031776.D
Acq: 09 Jul 2025 15:18

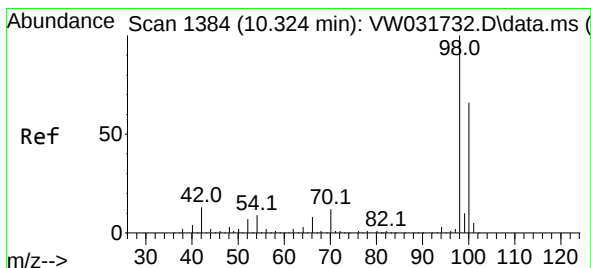
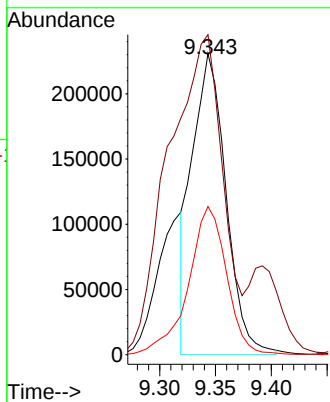
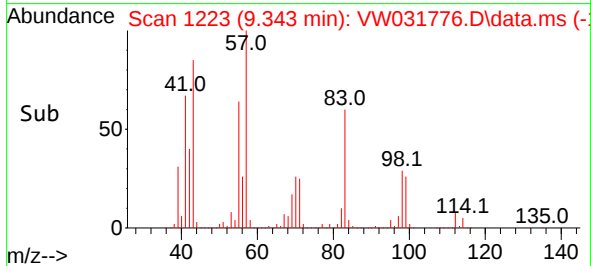
Instrument :
MSVOA_W
ClientSampleId :
GPX6



Tgt Ion: 83 Resp: 484510
Ion Ratio Lower Upper
83 100
55 106.3 61.0 91.4#
98 49.2 37.9 56.9

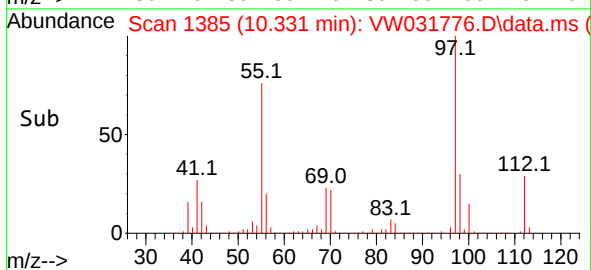
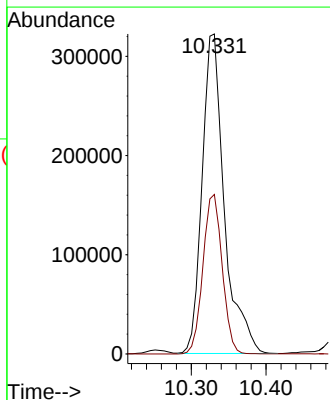
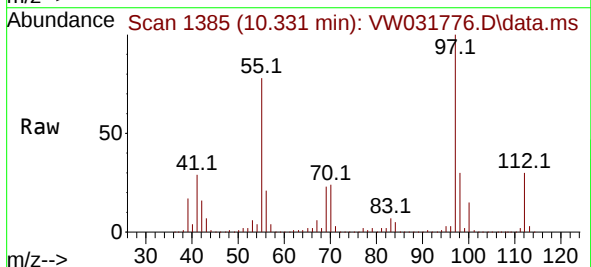
Manual Integrations
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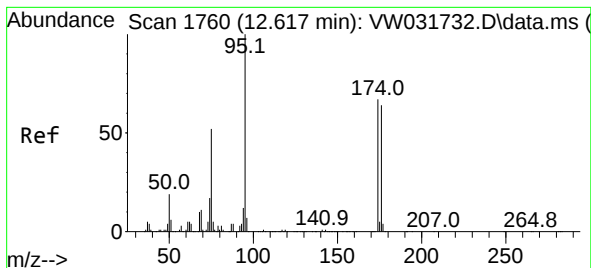
Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025



#50
Toluene-d8
Concen: 71.385 ug/l
RT: 10.331 min Scan# 1385
Delta R.T. 0.006 min
Lab File: VW031776.D
Acq: 09 Jul 2025 15:18

Tgt Ion: 98 Resp: 664843
Ion Ratio Lower Upper
98 100
100 43.3 53.0 79.4#





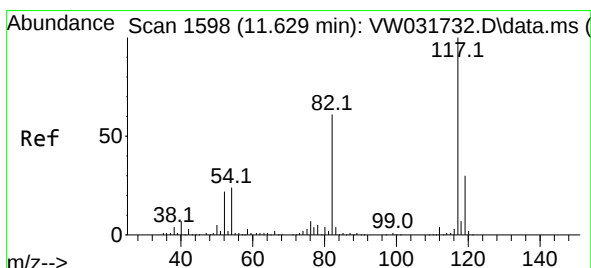
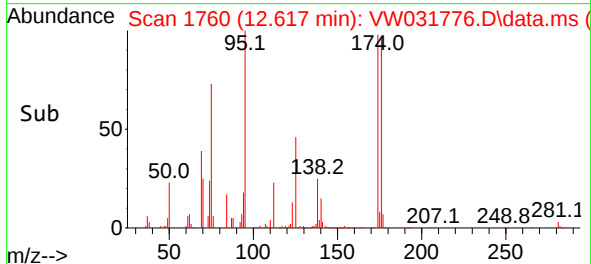
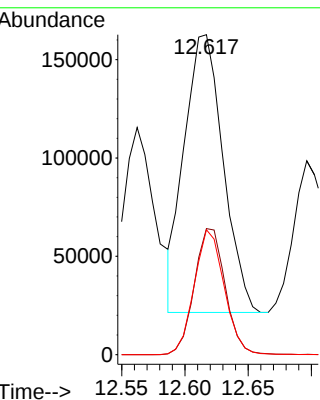
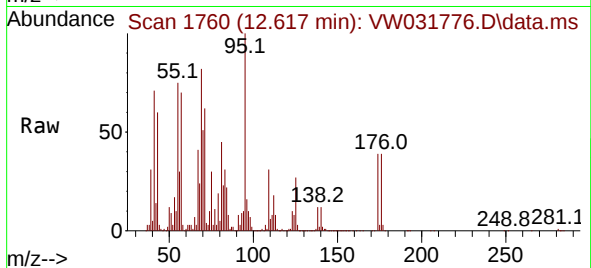
#62
4-Bromofluorobenzene
Concen: 88.068 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031776.D
Acq: 09 Jul 2025 15:18

Instrument :
MSVOA_W
ClientSampleId :
GPX6

Tgt Ion: 95 Resp: 30184
Ion Ratio Lower Upper
95 100
174 36.2 0.0 133.8
176 34.9 0.0 126.0

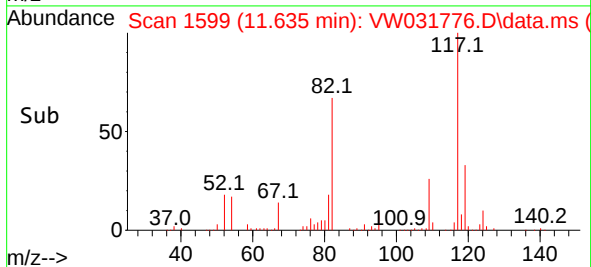
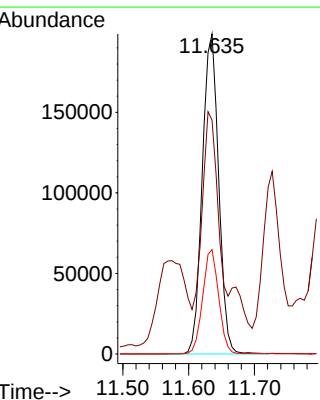
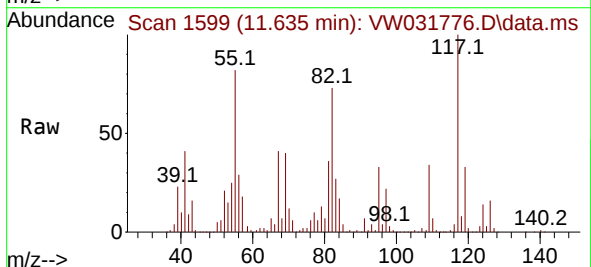
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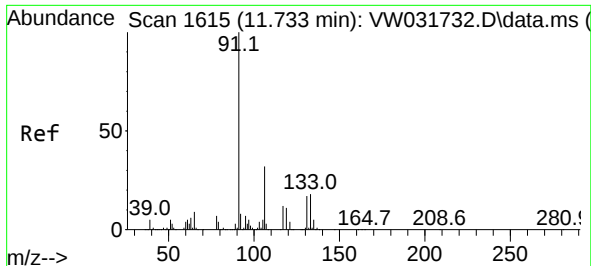
Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VW031776.D
Acq: 09 Jul 2025 15:18

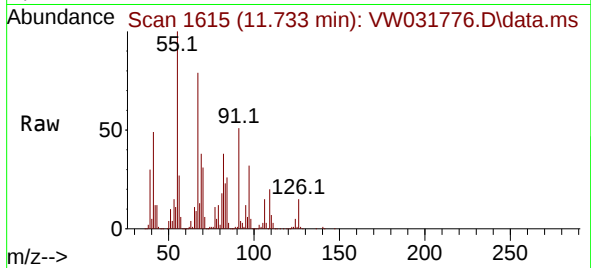
Tgt Ion:117 Resp: 344296
Ion Ratio Lower Upper
117 100
82 44.0 48.6 72.8#
119 32.6 23.9 35.9





#67
Ethyl Benzene
Concen: 15.461 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. 0.000 min
Lab File: VW031776.D
Acq: 09 Jul 2025 15:18

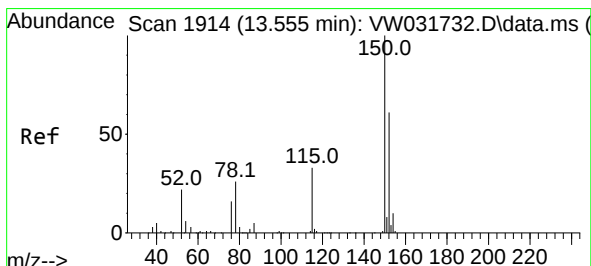
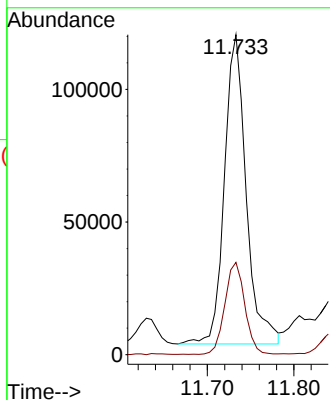
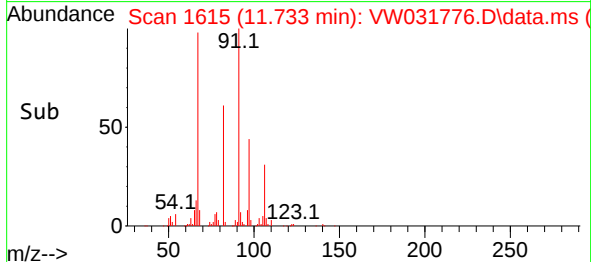
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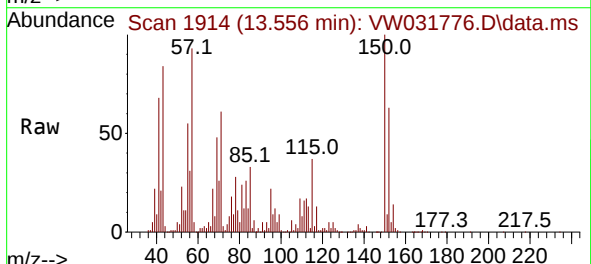
Tgt Ion: 91 Resp: 20365
Ion Ratio Lower Upper
91 100
106 29.8 25.4 38.2

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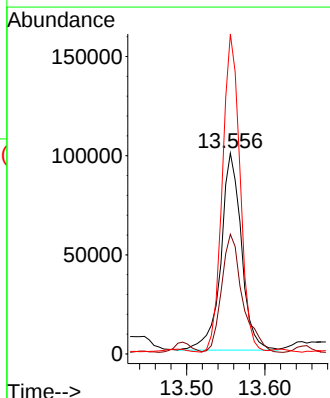
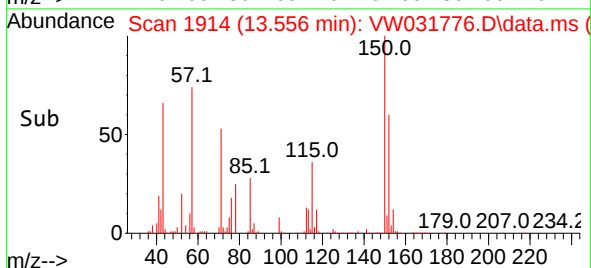
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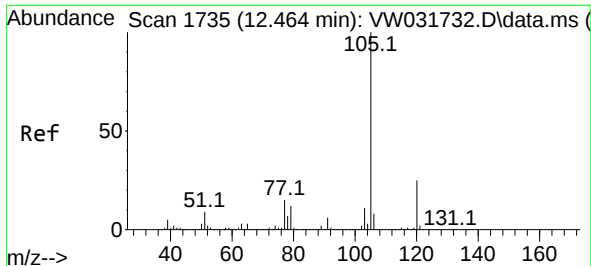


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW031776.D
Acq: 09 Jul 2025 15:18



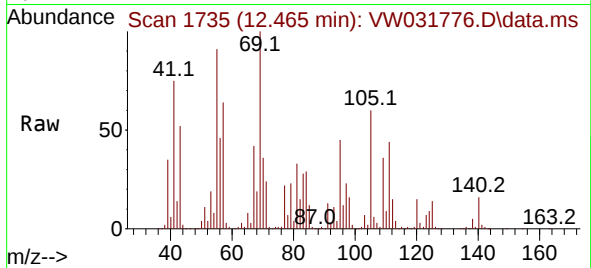
Tgt Ion:152 Resp: 180843
Ion Ratio Lower Upper
152 100
115 61.7 31.9 95.7
150 139.8 0.0 356.4





#73
Isopropylbenzene
Concen: 10.441 ug/l
RT: 12.465 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VW031776.D
Acq: 09 Jul 2025 15:18

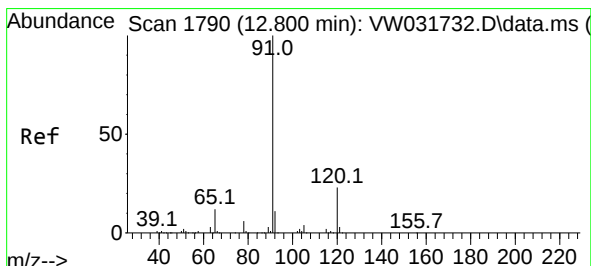
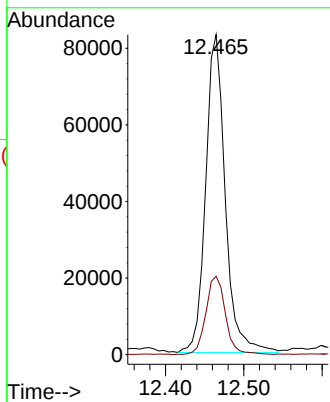
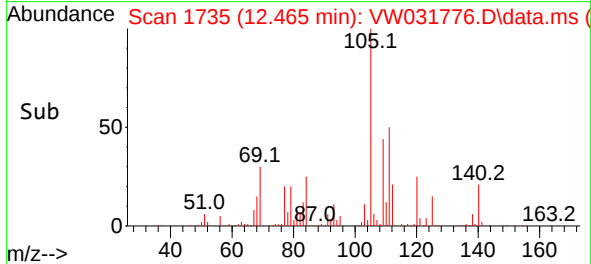
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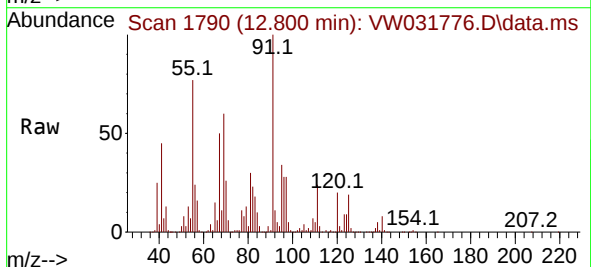
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Ion Ratio Lower Upper
105 100
120 24.9 12.8 38.4

Manual Integrations
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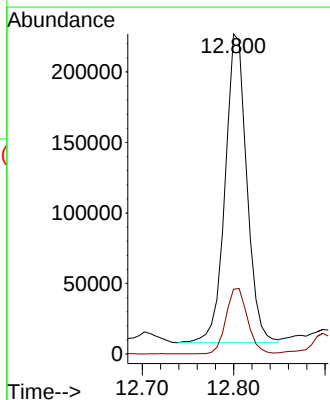
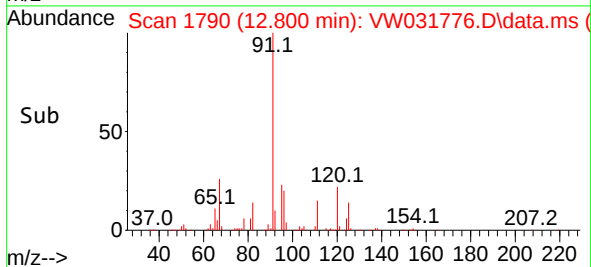
Reviewed By :Mahesh Dadoda 07/14/2025
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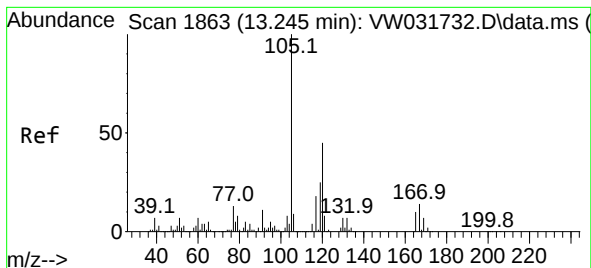


#78
n-propylbenzene
Concen: 21.985 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VW031776.D
Acq: 09 Jul 2025 15:18



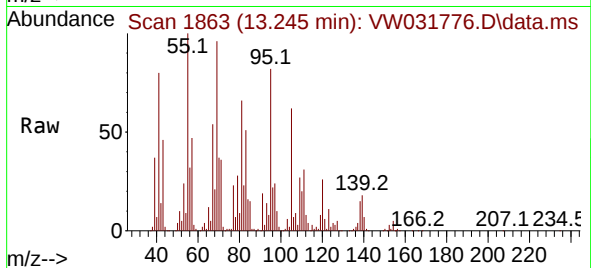
Tgt Ion: 91 Resp: 362145
Ion Ratio Lower Upper
91 100
120 21.0 11.5 34.4





#84
1,2,4-Trimethylbenzene
Concen: 7.310 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW031776.D
Acq: 09 Jul 2025 15:18

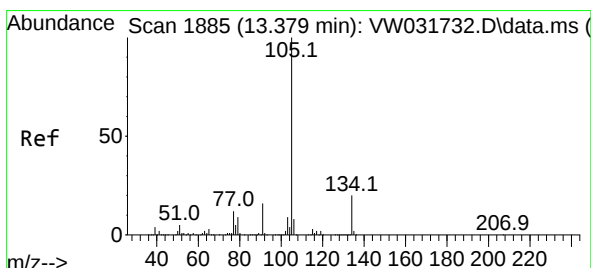
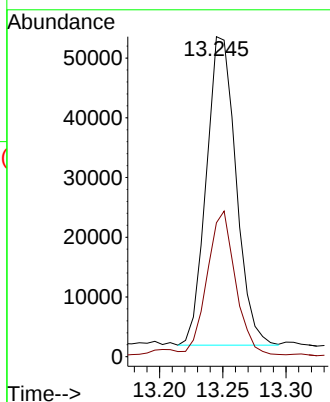
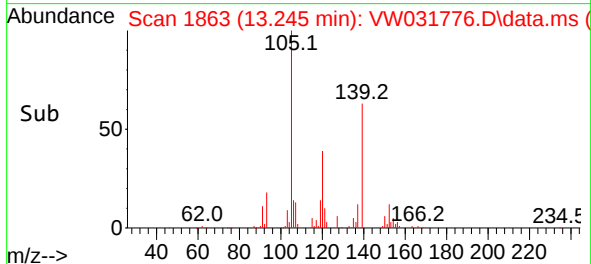
Instrument :
MSVOA_W
ClientSampleId :
GPX6



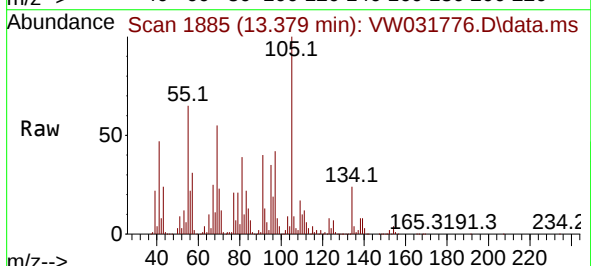
Tgt Ion:105 Resp: 84334
Ion Ratio Lower Upper
105 100
120 44.2 22.1 66.1

Manual Integrations
APPROVED

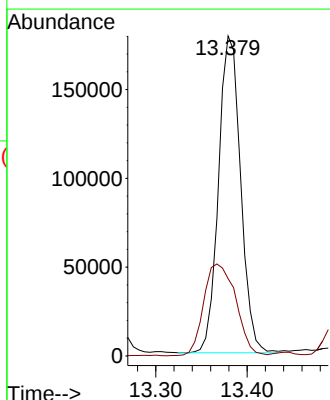
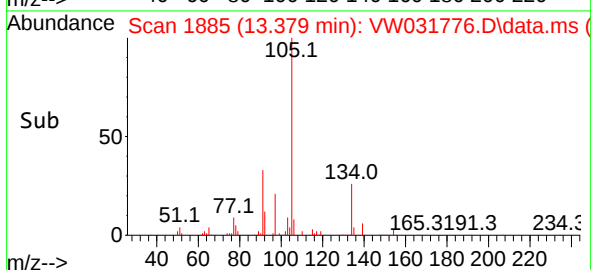
Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025

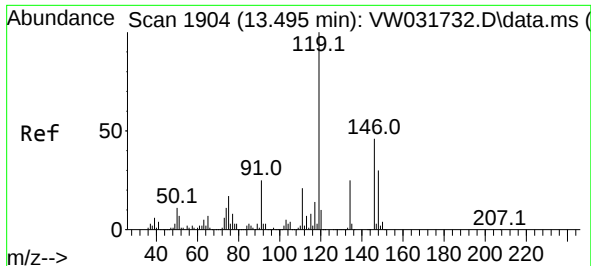


#85
sec-Butylbenzene
Concen: 20.513 ug/l
RT: 13.379 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VW031776.D
Acq: 09 Jul 2025 15:18



Tgt Ion:105 Resp: 300303
Ion Ratio Lower Upper
105 100
134 42.0 9.6 28.8#





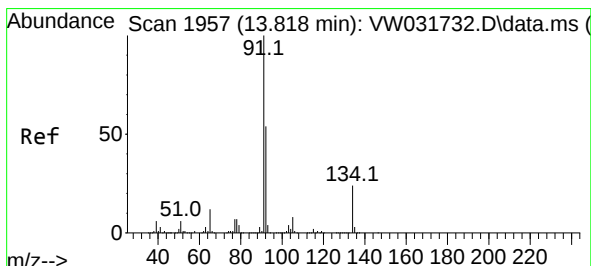
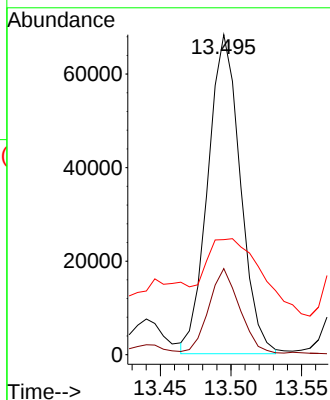
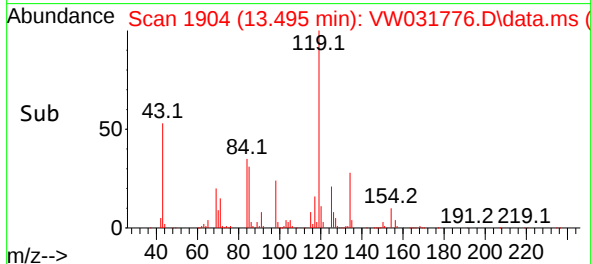
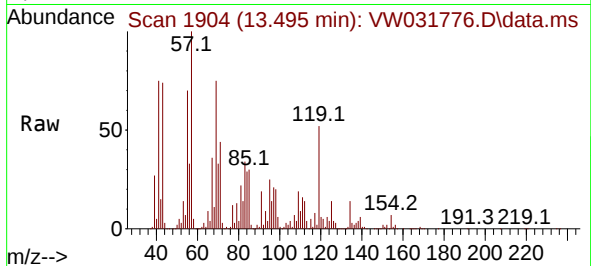
#86
p-Isopropyltoluene
Concen: 9.044 ug/l m
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW031776.D
Acq: 09 Jul 2025 15:18

Instrument :
MSVOA_W
ClientSampleId :
GPX6

Tgt Ion:119 Resp: 109120
Ion Ratio Lower Upper
119 100
134 16.5 12.9 38.7
91 17.1 12.7 38.0

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 07/14/2025
Supervised By :Semsettin Yesilyurt 07/14/2025



#89
n-Butylbenzene
Concen: 18.103 ug/l m
RT: 13.818 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VW031776.D
Acq: 09 Jul 2025 15:18

Tgt Ion: 91 Resp: 212212
Ion Ratio Lower Upper
91 100
92 54.5 27.2 81.5
134 98.1 12.2 36.6#

