

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060425\
 Data File : VX046495.D
 Acq On : 04 Jun 2025 13:05
 Operator : JC/MD
 Sample : Q2169-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 303-PPR-1

Quant Time: Jun 05 01:48:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh

Dadoda

06/05/2025

Supervised By :Semsettin

Yesilyurt

06/05/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	74069	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	147705	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	138621	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	60183	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	69670	50.453	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.900%			
35) Dibromofluoromethane	5.385	113	52358	49.226	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.460%			
50) Toluene-d8	8.647	98	186600	50.688	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.380%			
62) 4-Bromofluorobenzene	11.079	95	73038	51.722	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.440%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.965	59	3047	15.720	ug/l #	89
16) Acetone	2.380	43	26954	48.682	ug/l	99
17) Carbon Disulfide	2.508	76	4295	2.063	ug/l	100
18) Methyl Acetate	2.709	43	1311	1.020	ug/l #	90
25) 2-Butanone	4.580	43	7704	9.584	ug/l	93
31) Cyclohexane	5.470	56	5137	3.122	ug/l #	89
39) Methylcyclohexane	7.379	83	10403	5.654	ug/l	92
40) Benzene	6.037	78	29365	7.015	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	61936	34.640	ug/l	100
52) Toluene	8.714	92	369529	143.967	ug/l	98
64) Tetrachloroethene	9.275	164	401	0.409	ug/l #	80
67) Ethyl Benzene	10.189	91	451318	84.386	ug/l	100
68) m/p-Xylenes	10.299	106	573529	293.202	ug/l	98
69) o-Xylene	10.640	106	317894	166.699	ug/l	97
73) Isopropylbenzene	10.963	105	53230	11.361	ug/l	99
78) n-propylbenzene	11.305	91	135243	24.825	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	214699	54.849	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	887617	223.920	ug/l	99
85) sec-Butylbenzene	11.890	105	26430m	5.459	ug/l	
86) p-Isopropyltoluene	12.006	119	48853	12.225	ug/l	100
89) n-Butylbenzene	12.329	91	19478m	5.557	ug/l	
95) Naphthalene	13.774	128	521628	124.297	ug/l	99

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

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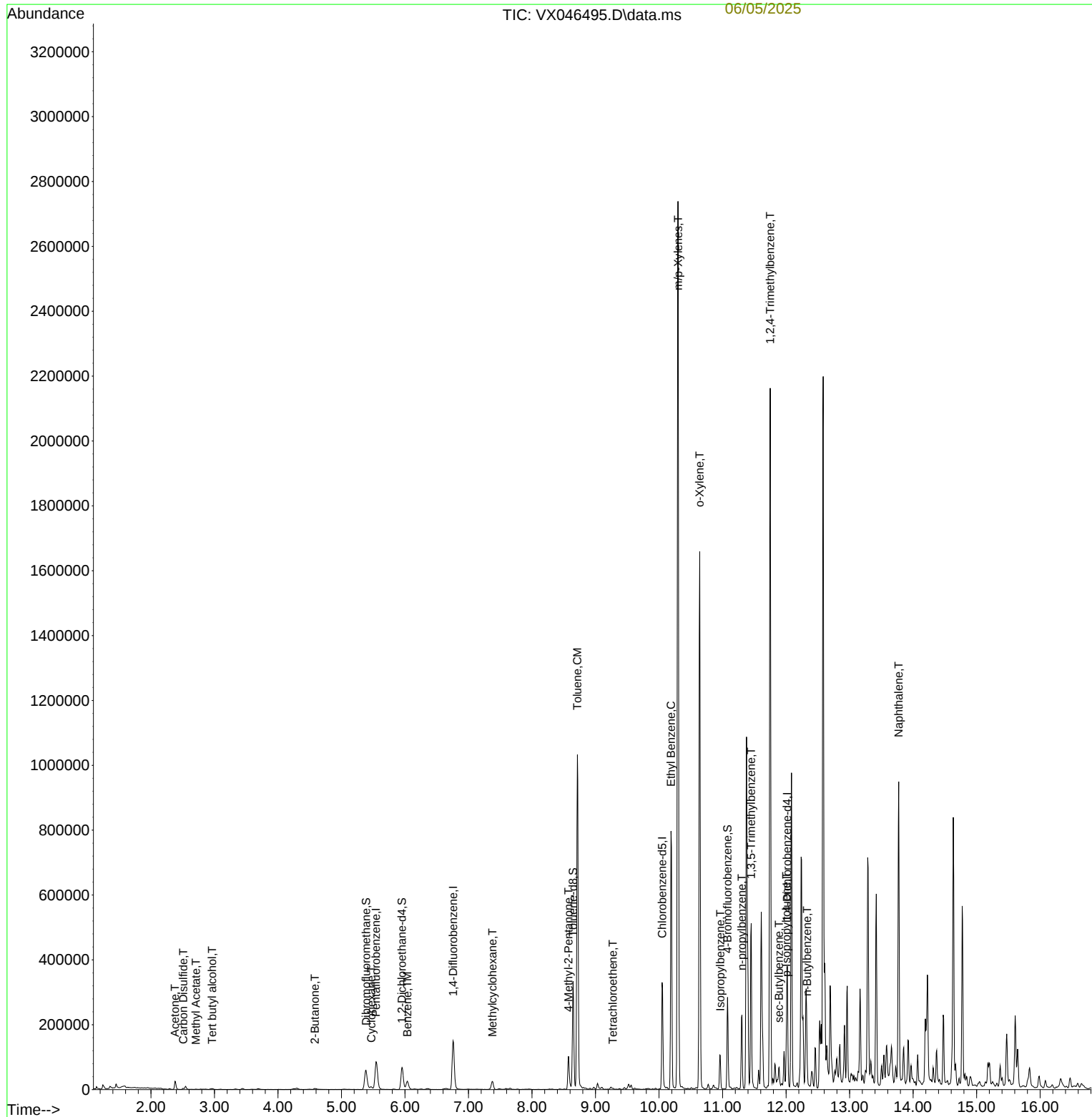
Dadoda

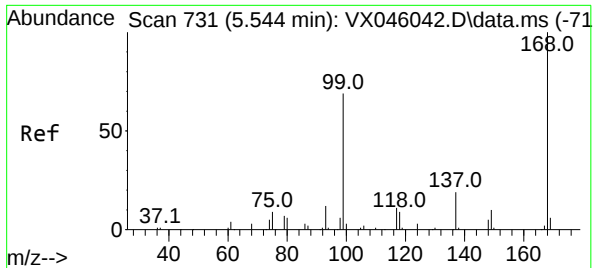
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Supervised By :Semsettin

Yesilyurt

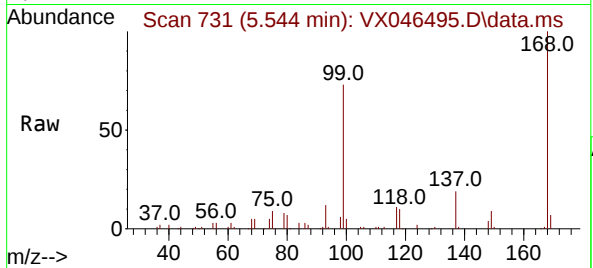
06/05/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046495.D
Acq: 04 Jun 2025 13:05

Instrument :
MSVOA_X
ClientSampleId :
303-PPR-1

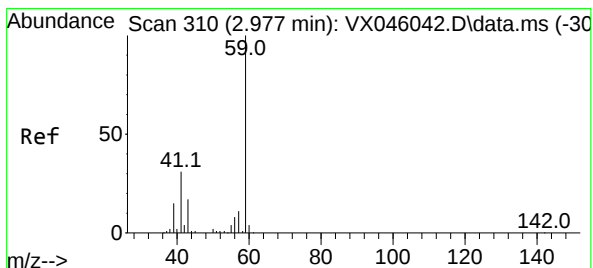
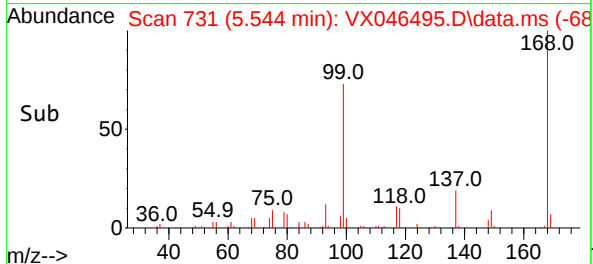
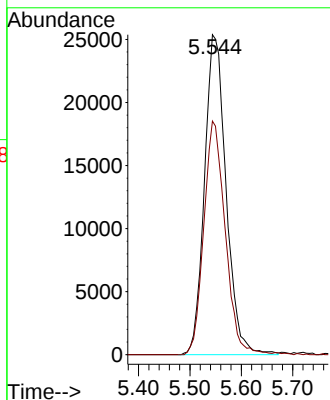


Tgt Ion:168 Resp: 74069
Ion Ratio Lower Upper
168 100
99 73.0 54.9 82.3

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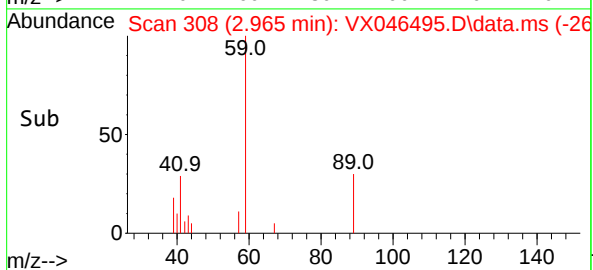
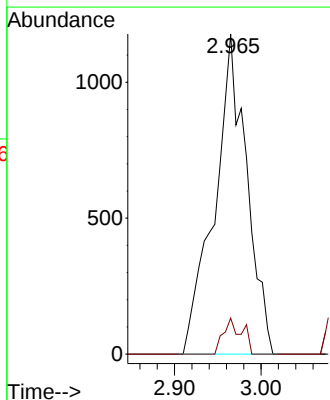
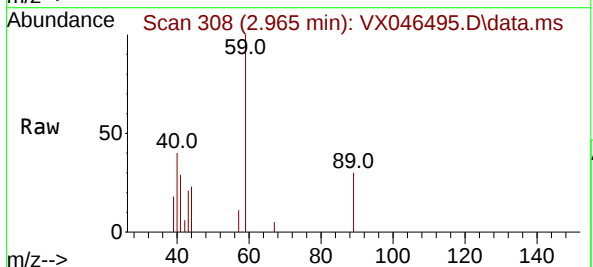
Reviewed By :Mahesh
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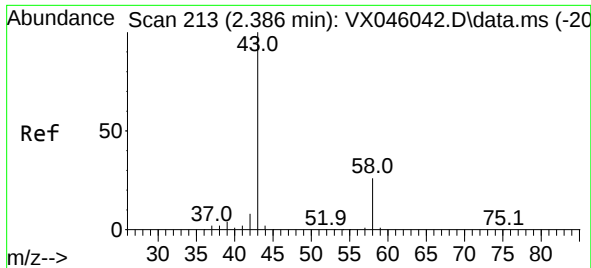
Supervised By :Semsettin
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#11
Tert butyl alcohol
Concen: 15.720 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.012 min
Lab File: VX046495.D
Acq: 04 Jun 2025 13:05

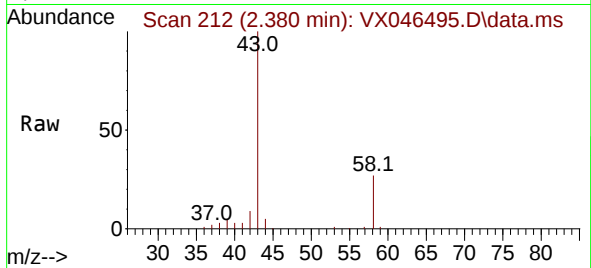
Tgt Ion: 59 Resp: 3047
Ion Ratio Lower Upper
59 100
57 6.4 8.6 12.8#





#16
Acetone
Concen: 48.682 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX046495.D
Acq: 04 Jun 2025 13:05

Instrument :
MSVOA_X
ClientSampleId :
303-PPR-1

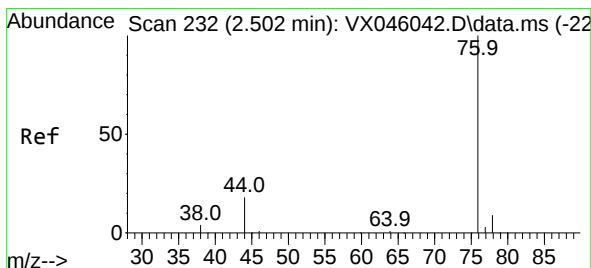
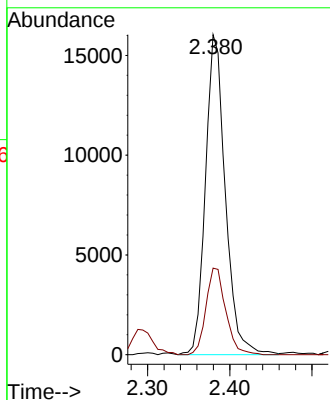
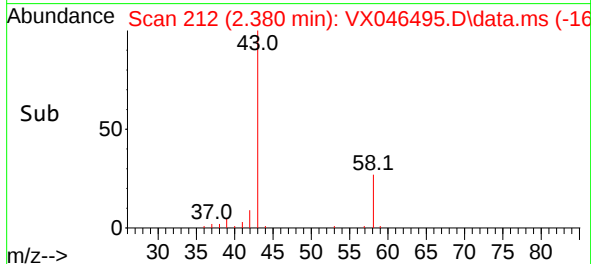


Tgt Ion: 43 Resp: 26954
Ion Ratio Lower Upper
43 100
58 27.0 21.2 31.8

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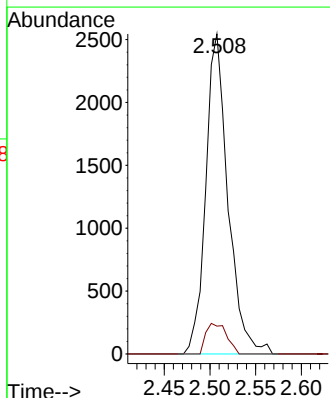
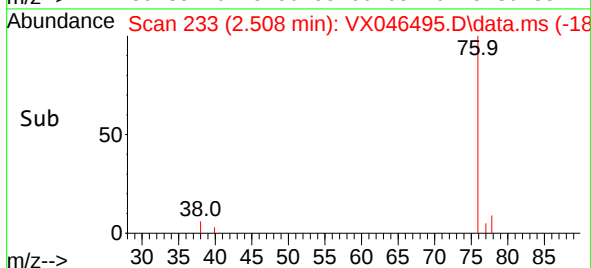
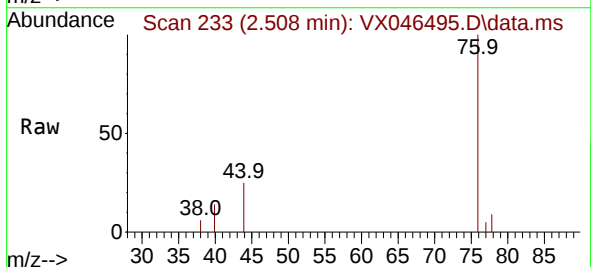
Reviewed By :Mahesh
Dadoda
06/05/2025

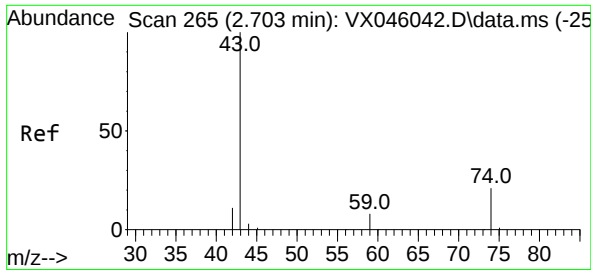
Supervised By :Semsettin
Yesilyurt
06/05/2025



#17
Carbon Disulfide
Concen: 2.063 ug/l
RT: 2.508 min Scan# 233
Delta R.T. 0.006 min
Lab File: VX046495.D
Acq: 04 Jun 2025 13:05

Tgt Ion: 76 Resp: 4295
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.4





#18

Methyl Acetate

Concen: 1.020 ug/l

RT: 2.709 min Scan# 2

Delta R.T. 0.006 min

Lab File: VX046495.D

Acq: 04 Jun 2025 13:05

Instrument :

MSVOA_X

ClientSampleId :

303-PPR-1

Tgt Ion: 43 Resp: 131

Ion Ratio Lower Upper

43 100

74 16.2 16.7 25.1

Manual Integrations

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Reviewed By :Mahesh

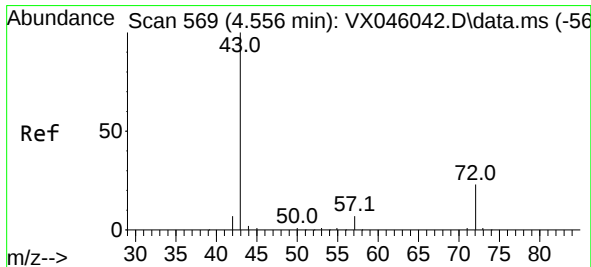
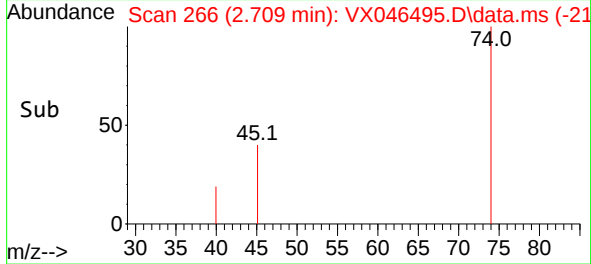
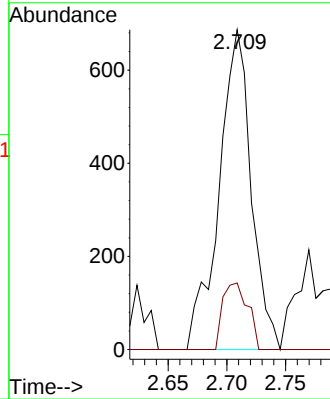
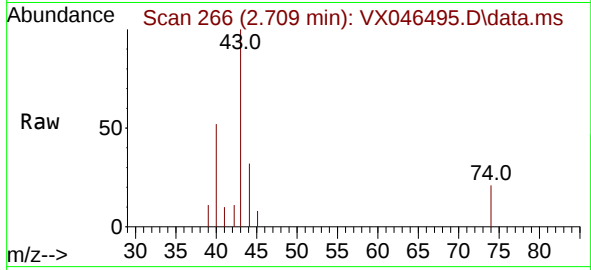
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Yesilyurt

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#25

2-Butanone

Concen: 9.584 ug/l

RT: 4.580 min Scan# 573

Delta R.T. 0.024 min

Lab File: VX046495.D

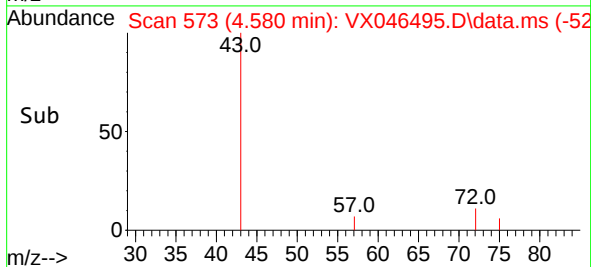
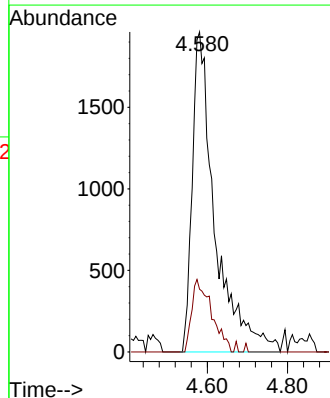
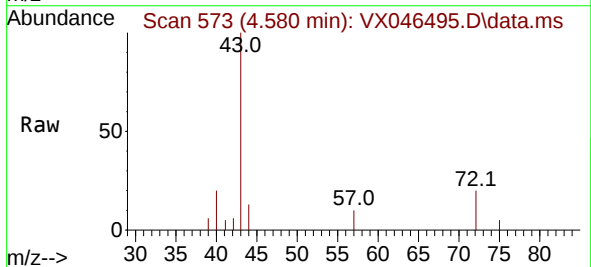
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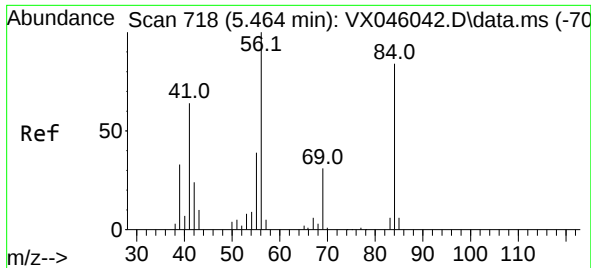
Tgt Ion: 43 Resp: 7704

Ion Ratio Lower Upper

43 100

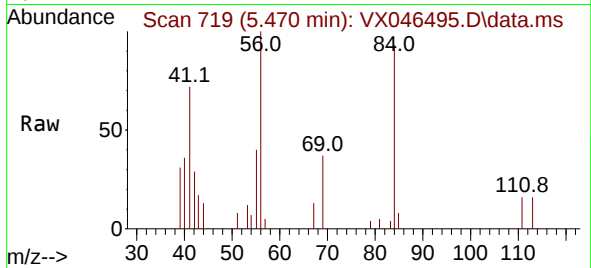
72 19.6 18.4 27.6





#31
Cyclohexane
Concen: 3.122 ug/l
RT: 5.470 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX046495.D
Acq: 04 Jun 2025 13:05

Instrument :
MSVOA_X
ClientSampleId :
303-PPR-1

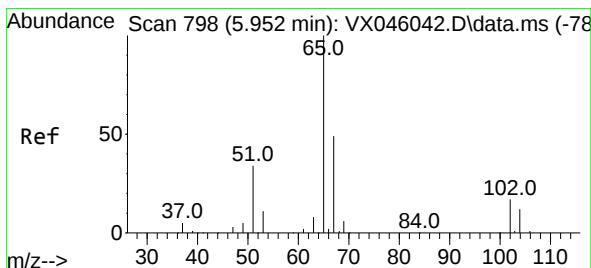
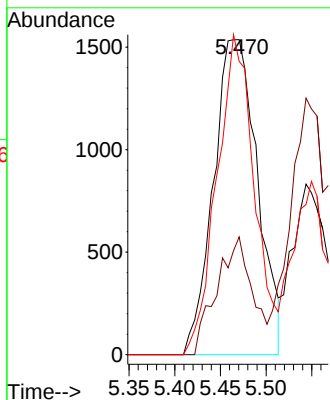
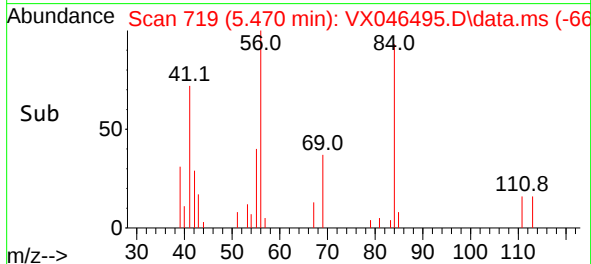


Tgt Ion: 56 Resp: 513
Ion Ratio Lower Upper
56 100
69 37.3 24.4 36.6
84 93.1 66.9 100.3

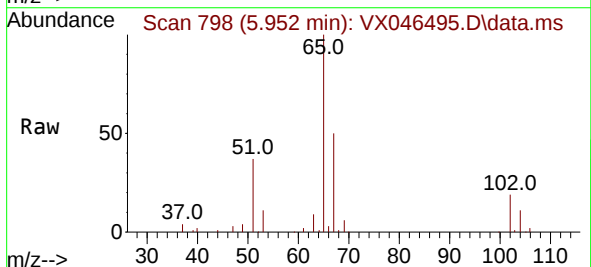
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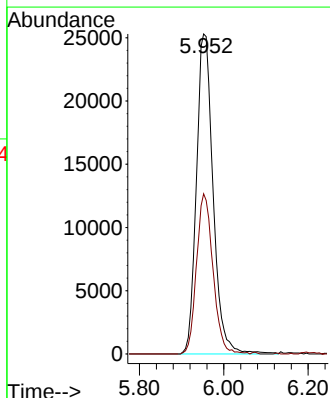
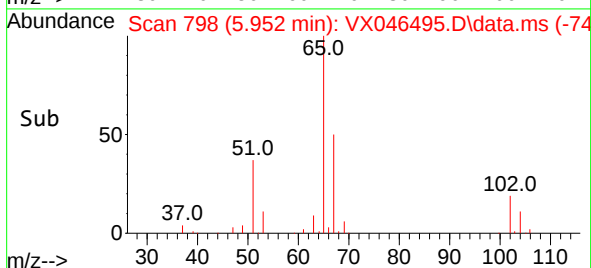
Supervised By :Semsettin
Yesilyurt
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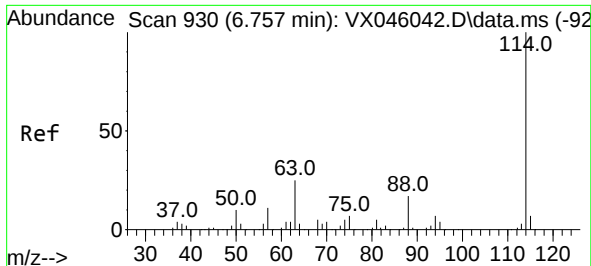


#33
1,2-Dichloroethane-d4
Concen: 50.453 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX046495.D
Acq: 04 Jun 2025 13:05



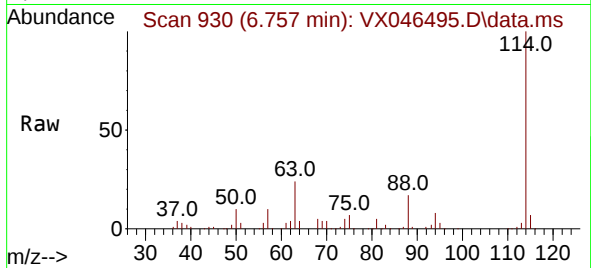
Tgt Ion: 65 Resp: 69670
Ion Ratio Lower Upper
65 100
67 49.4 0.0 99.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX046495.D
Acq: 04 Jun 2025 13:05

Instrument :
MSVOA_X
ClientSampleId :
303-PPR-1

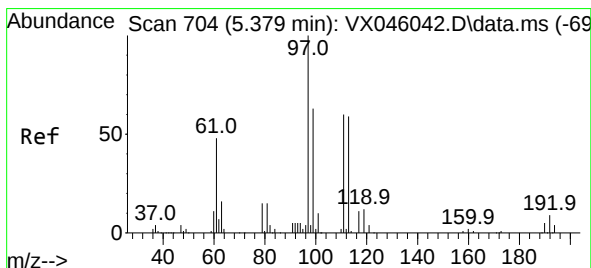
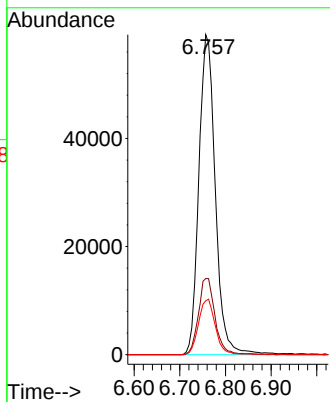
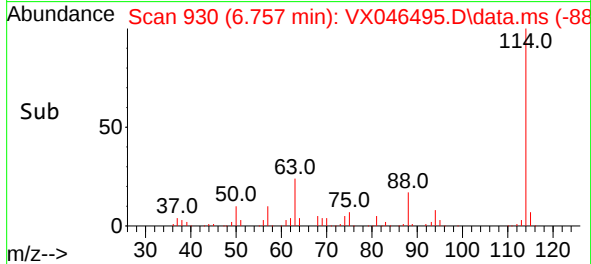


Tgt Ion:114 Resp: 14770
Ion Ratio Lower Upper
114 100
63 23.8 0.0 49.2
88 16.9 0.0 33.6

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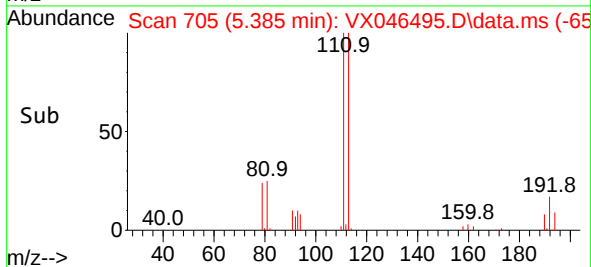
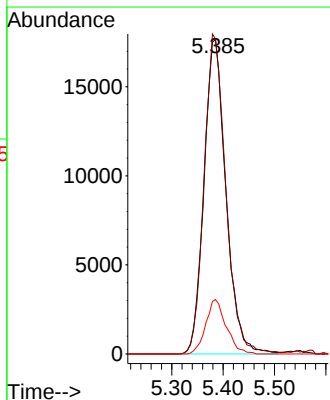
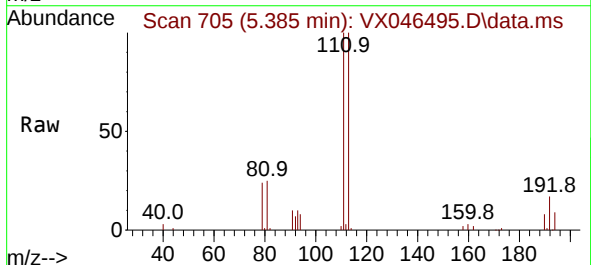
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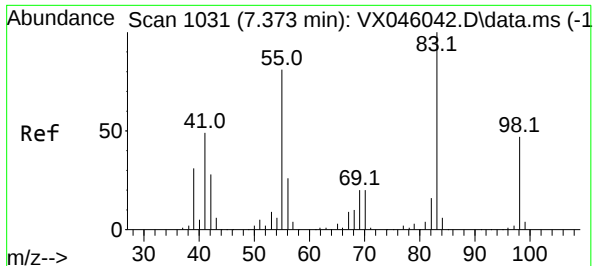
Supervised By :Semsettin
Yesilyurt
06/05/2025



#35
Dibromofluoromethane
Concen: 49.226 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX046495.D
Acq: 04 Jun 2025 13:05

Tgt Ion:113 Resp: 52358
Ion Ratio Lower Upper
113 100
111 100.8 83.1 124.7
192 16.1 13.3 19.9





#39
Methylcyclohexane
Concen: 5.654 ug/l
RT: 7.379 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VX046495.D
Acq: 04 Jun 2025 13:05

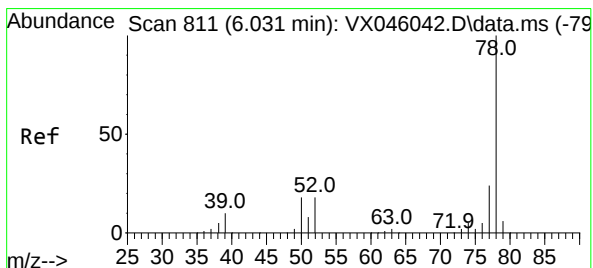
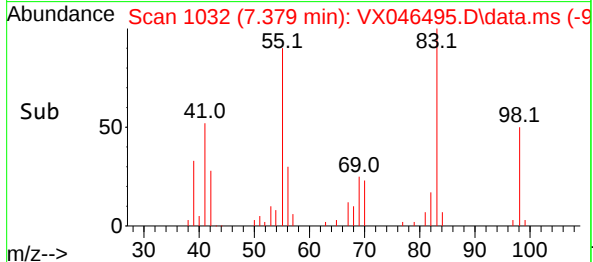
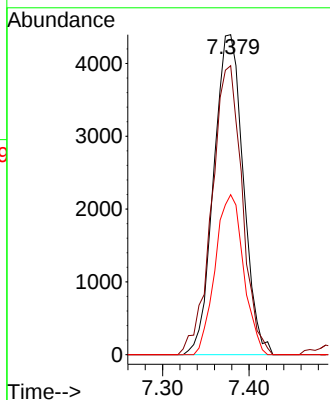
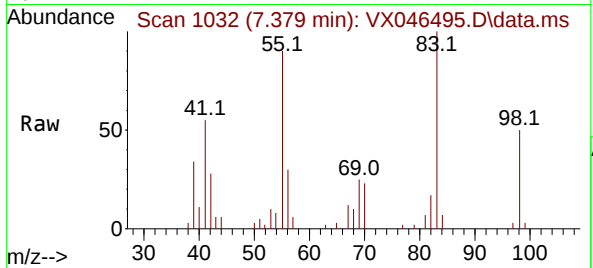
Instrument :
MSVOA_X
ClientSampleId :
303-PPR-1

Tgt Ion: 83 Resp: 1040
Ion Ratio Lower Upper
83 100
55 90.3 64.7 97.1
98 50.0 37.4 56.2

Manual Integrations
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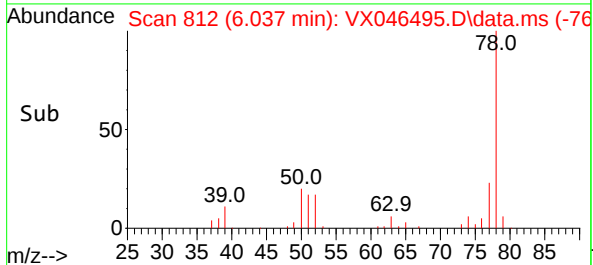
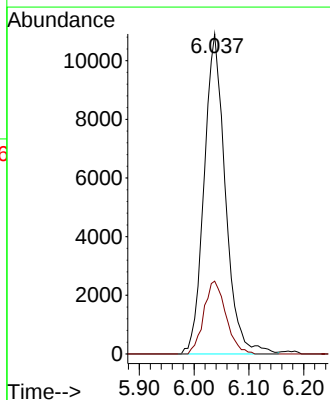
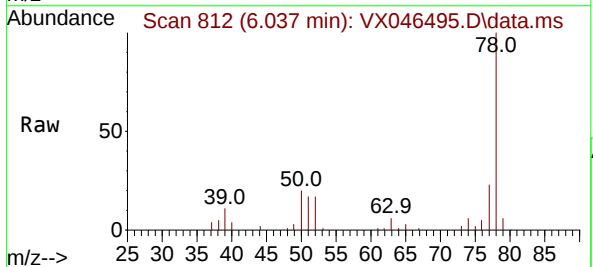
Reviewed By :Mahesh
Dadoda
06/05/2025

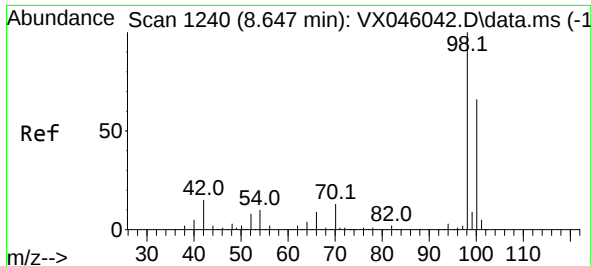
Supervised By :Semsettin
Yesilyurt
06/05/2025



#40
Benzene
Concen: 7.015 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX046495.D
Acq: 04 Jun 2025 13:05

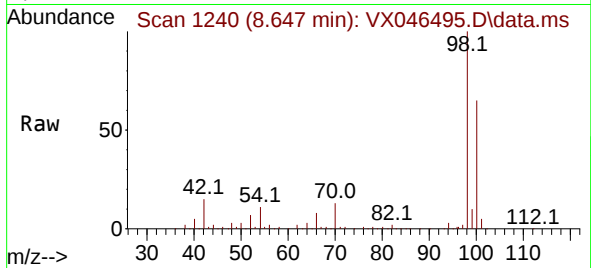
Tgt Ion: 78 Resp: 29365
Ion Ratio Lower Upper
78 100
77 22.8 19.0 28.4





#50
Toluene-d8
Concen: 50.688 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046495.D
Acq: 04 Jun 2025 13:05

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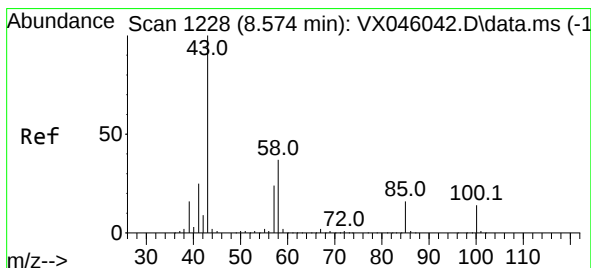
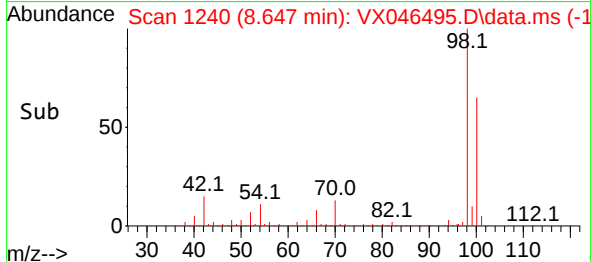
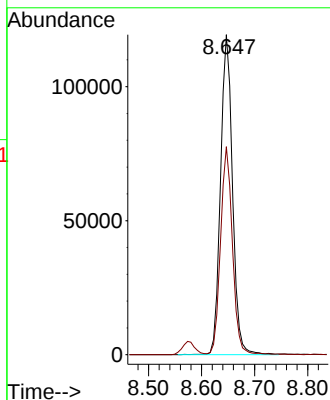


Tgt Ion: 98 Resp: 186600
Ion Ratio Lower Upper
98 100
100 64.1 53.5 80.3

Manual Integrations
APPROVED

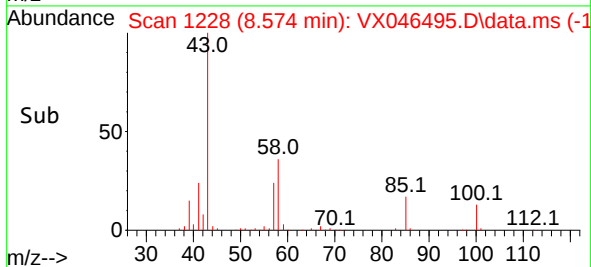
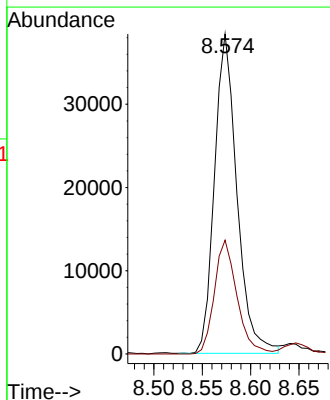
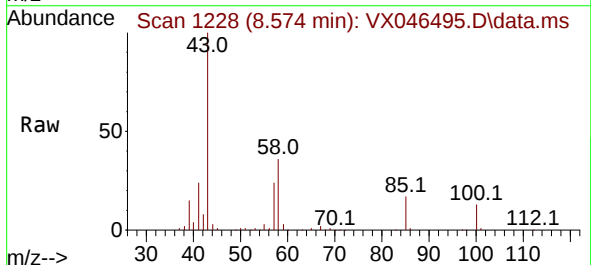
Reviewed By :Mahesh
Dadoda
06/05/2025

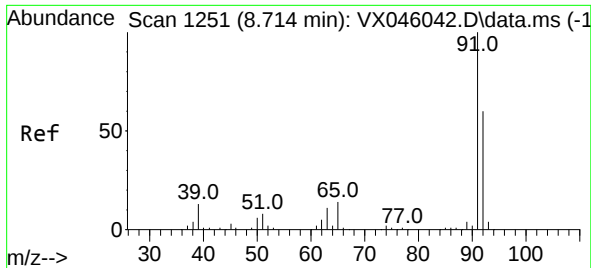
Supervised By :Semsettin
Yesilyurt
06/05/2025



#51
4-Methyl-2-Pentanone
Concen: 34.640 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX046495.D
Acq: 04 Jun 2025 13:05

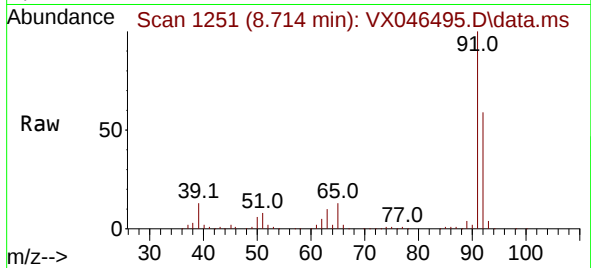
Tgt Ion: 43 Resp: 61936
Ion Ratio Lower Upper
43 100
58 35.9 28.9 43.3





#52
Toluene
Concen: 143.967 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX046495.D
Acq: 04 Jun 2025 13:05

Instrument :
MSVOA_X
ClientSampleId :
303-PPR-1

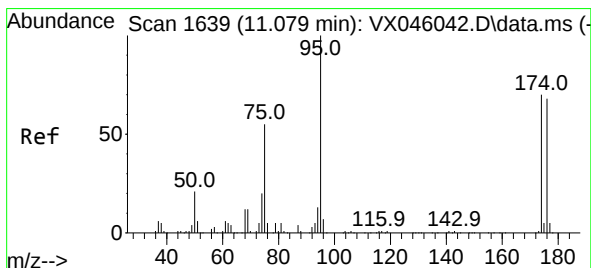
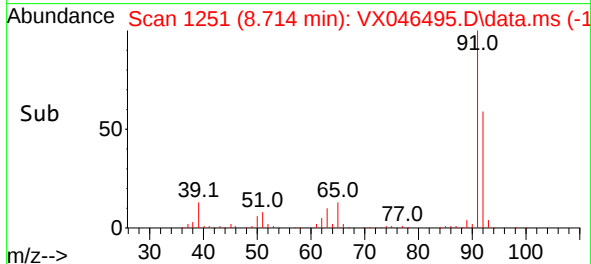
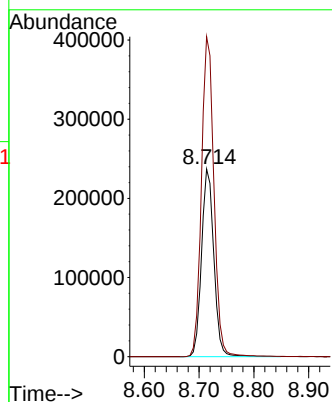


Tgt Ion: 92 Resp: 369529
Ion Ratio Lower Upper
92 100
91 173.2 136.6 205.0

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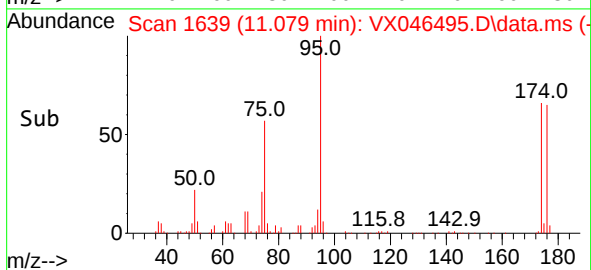
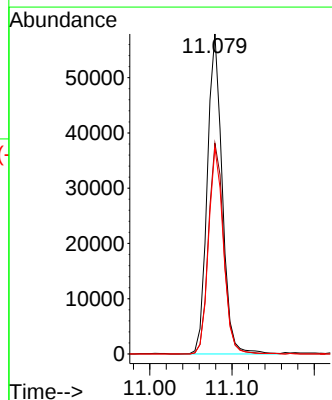
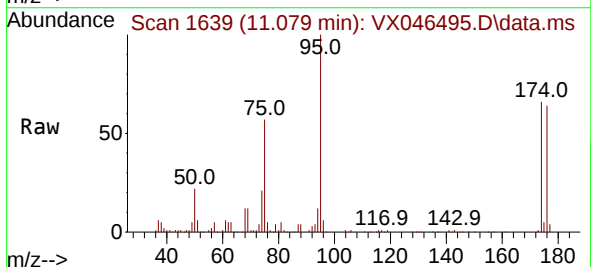
Reviewed By :Mahesh
Dadoda
06/05/2025

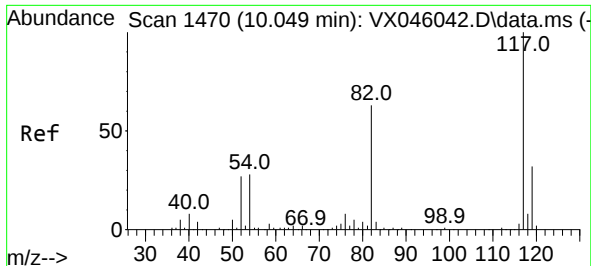
Supervised By :Semsettin
Yesilyurt
06/05/2025



#62
4-Bromofluorobenzene
Concen: 51.722 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046495.D
Acq: 04 Jun 2025 13:05

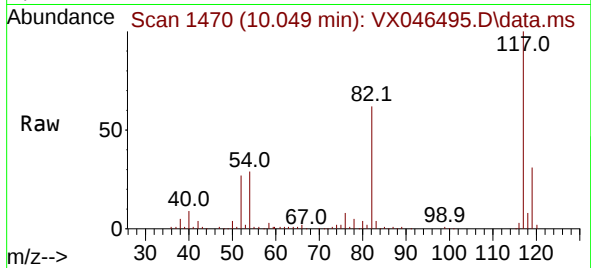
Tgt Ion: 95 Resp: 73038
Ion Ratio Lower Upper
95 100
174 66.9 0.0 135.8
176 64.1 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046495.D
Acq: 04 Jun 2025 13:05

Instrument :
MSVOA_X
ClientSampleId :
303-PPR-1

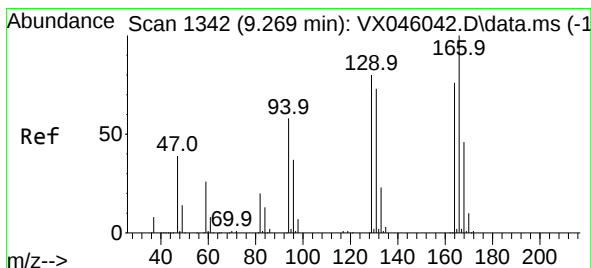
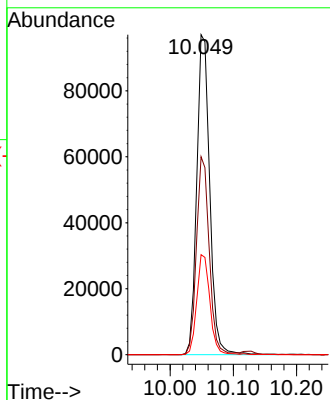
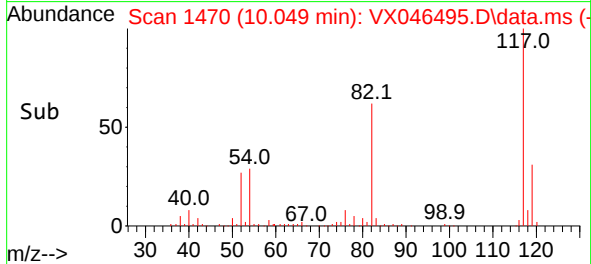


Tgt Ion:117 Resp: 13862
Ion Ratio Lower Upper
117 100
82 61.9 50.6 76.0
119 31.2 25.8 38.6

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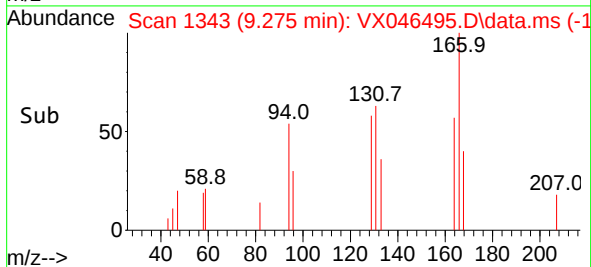
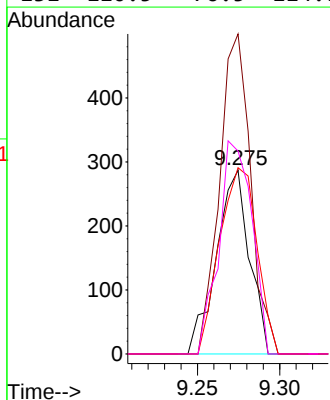
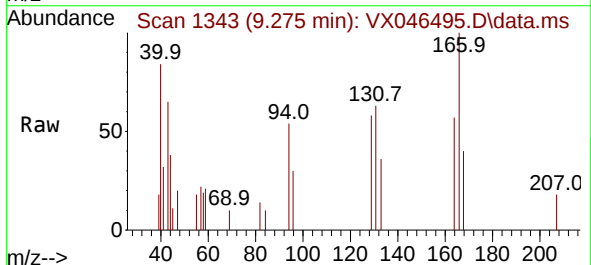
Reviewed By :Mahesh
Dadoda
06/05/2025

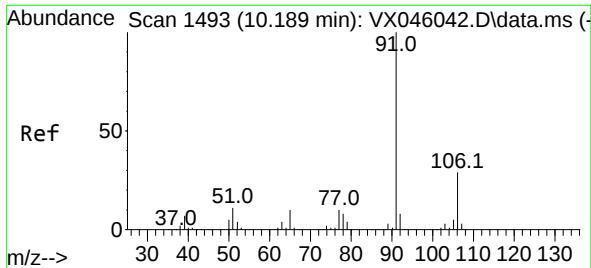
Supervised By :Semsettin
Yesilyurt
06/05/2025



#64
Tetrachloroethene
Concen: 0.409 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX046495.D
Acq: 04 Jun 2025 13:05

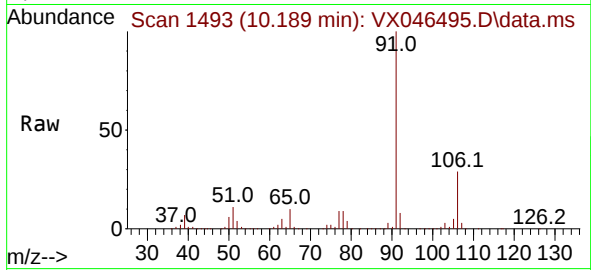
Tgt Ion:164 Resp: 401
Ion Ratio Lower Upper
164 100
166 174.2 105.0 157.6#
129 101.4 83.5 125.3
131 110.5 76.5 114.7





#67
Ethyl Benzene
Concen: 84.386 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX046495.D
Acq: 04 Jun 2025 13:05

Instrument :
MSVOA_X
ClientSampleId :
303-PPR-1

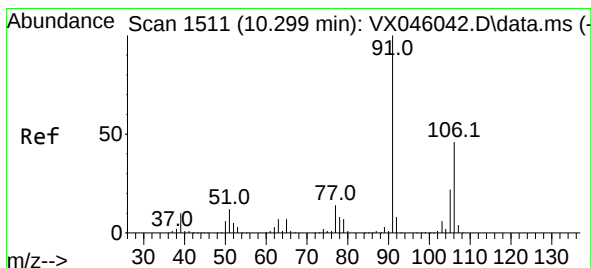
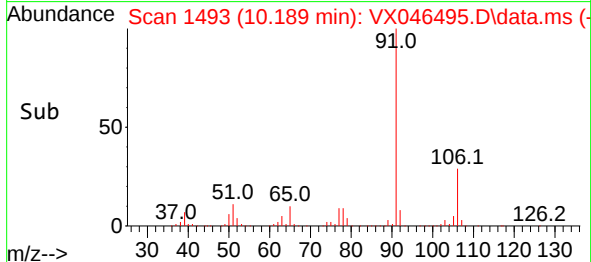
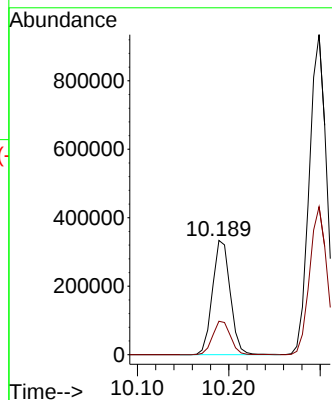


Tgt Ion: 91 Resp: 451318
Ion Ratio Lower Upper
91 100
106 29.3 23.4 35.2

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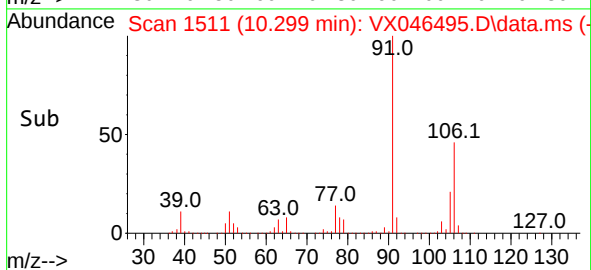
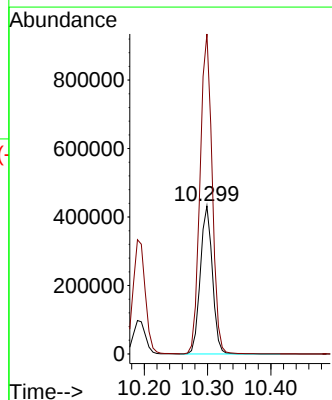
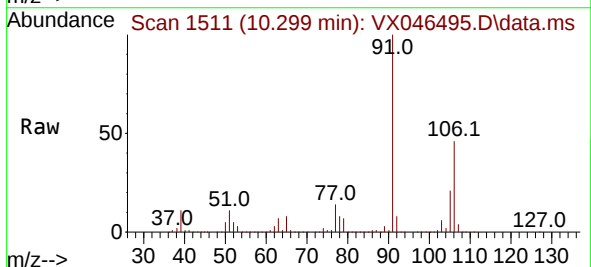
Reviewed By :Mahesh
Dadoda
06/05/2025

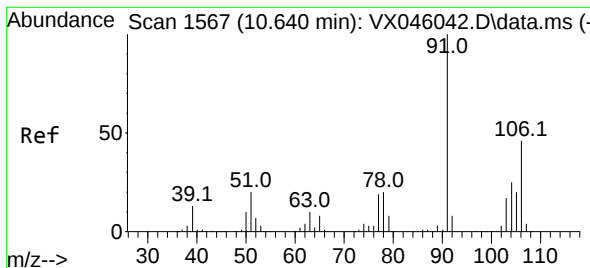
Supervised By :Semsettin
Yesilyurt
06/05/2025



#68
m/p-Xylenes
Concen: 293.202 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046495.D
Acq: 04 Jun 2025 13:05

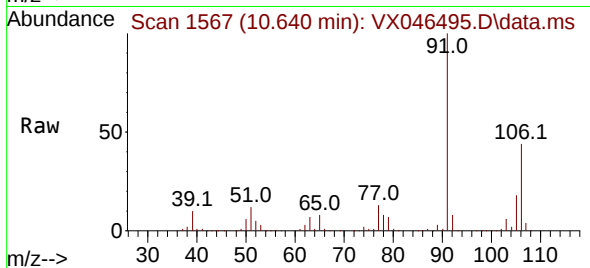
Tgt Ion:106 Resp: 573529
Ion Ratio Lower Upper
106 100
91 217.5 171.2 256.8





#69
o-Xylene
Concen: 166.699 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046495.D
Acq: 04 Jun 2025 13:05

Instrument :
MSVOA_X
ClientSampleId :
303-PPR-1

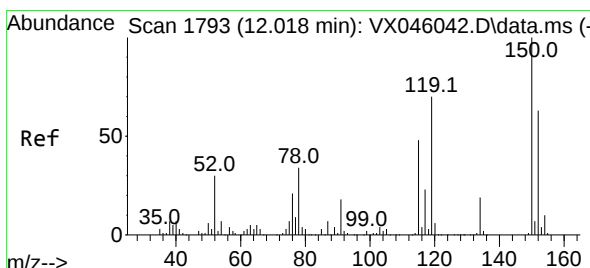
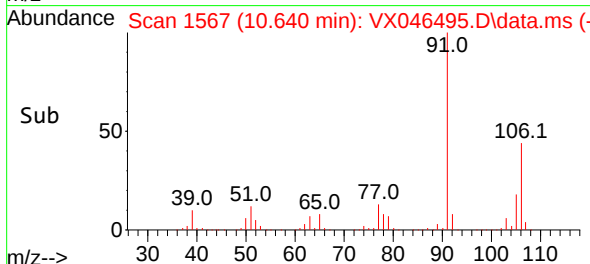
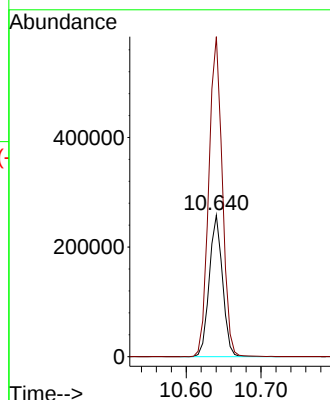


Tgt Ion:106 Resp: 317894
Ion Ratio Lower Upper
106 100
91 230.3 112.7 338.1

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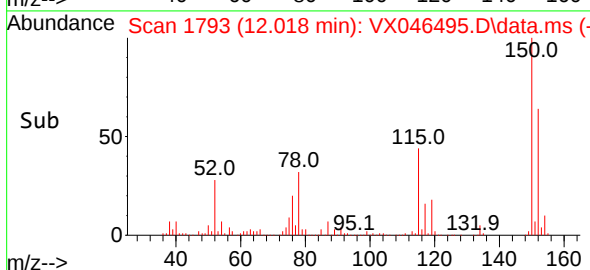
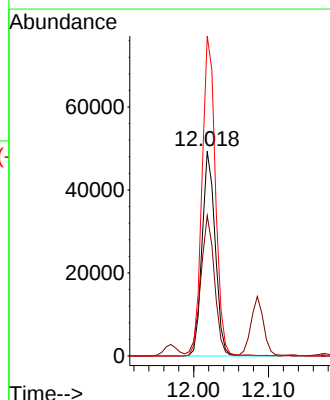
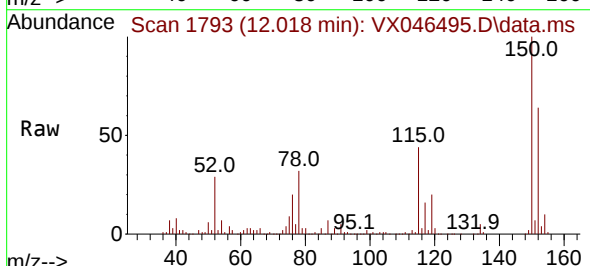
Reviewed By :Mahesh
Dadoda
06/05/2025

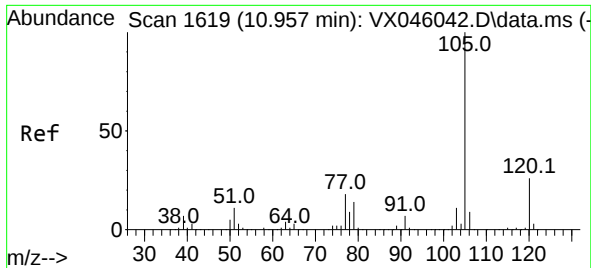
Supervised By :Semsettin
Yesilyurt
06/05/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046495.D
Acq: 04 Jun 2025 13:05

Tgt Ion:152 Resp: 60183
Ion Ratio Lower Upper
152 100
115 71.6 46.9 140.7
150 159.1 0.0 351.0





#73
Isopropylbenzene
Concen: 11.361 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VX046495.D
Acq: 04 Jun 2025 13:05

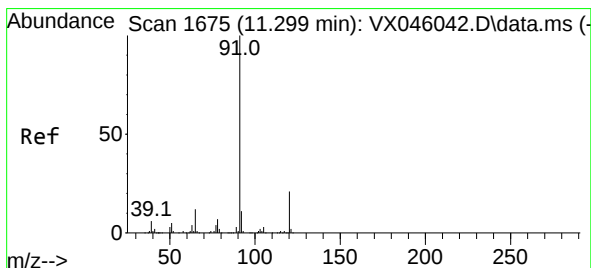
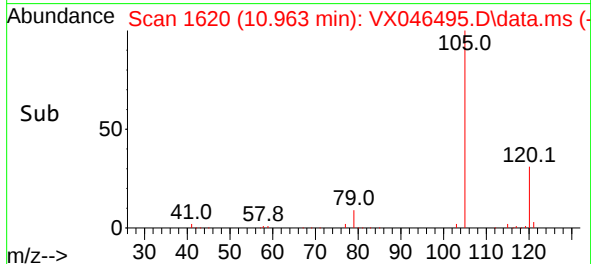
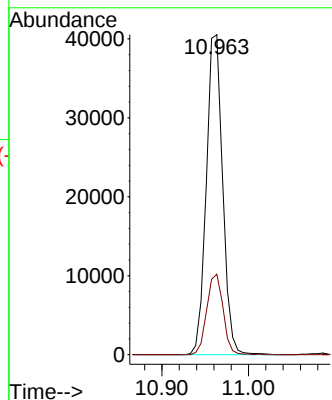
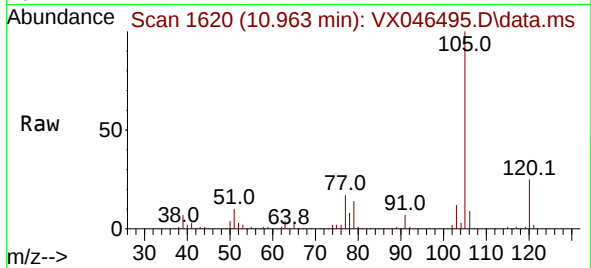
Instrument :
MSVOA_X
ClientSampleId :
303-PPR-1

Tgt Ion:105 Resp: 53230
Ion Ratio Lower Upper
105 100
120 25.1 12.8 38.4

Manual Integrations
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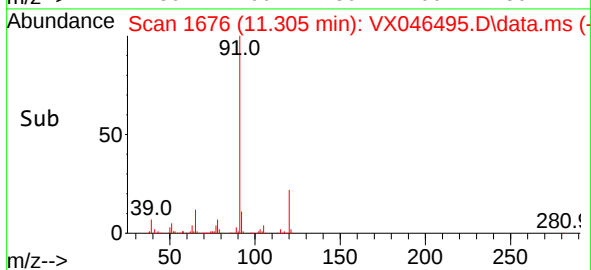
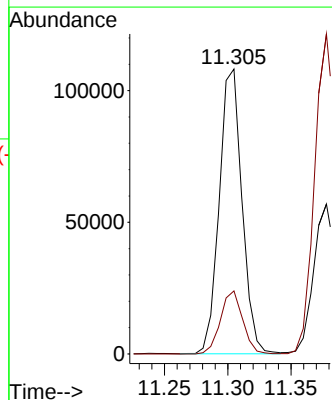
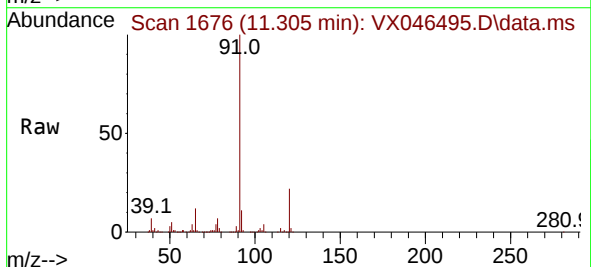
Reviewed By :Mahesh
Dadoda
06/05/2025

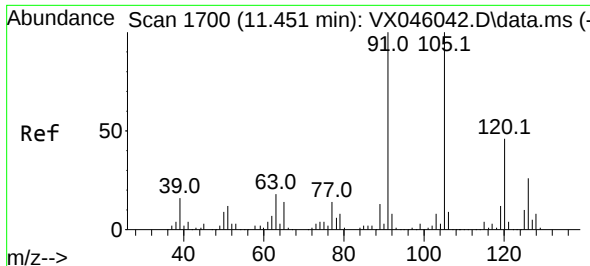
Supervised By :Semsettin
Yesilyurt
06/05/2025



#78
n-propylbenzene
Concen: 24.825 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX046495.D
Acq: 04 Jun 2025 13:05

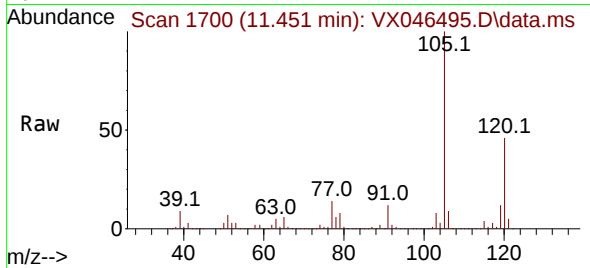
Tgt Ion: 91 Resp: 135243
Ion Ratio Lower Upper
91 100
120 21.6 10.8 32.4





#80
1,3,5-Trimethylbenzene
Concen: 54.849 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046495.D
Acq: 04 Jun 2025 13:05

Instrument :
MSVOA_X
ClientSampleId :
303-PPR-1

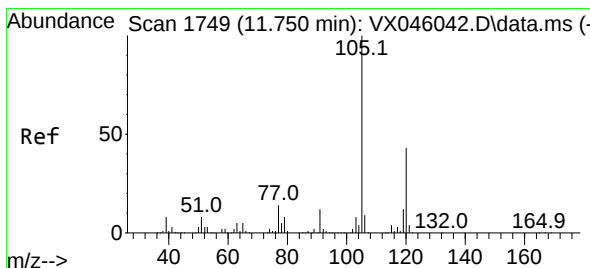
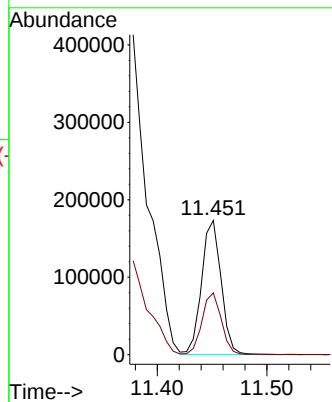
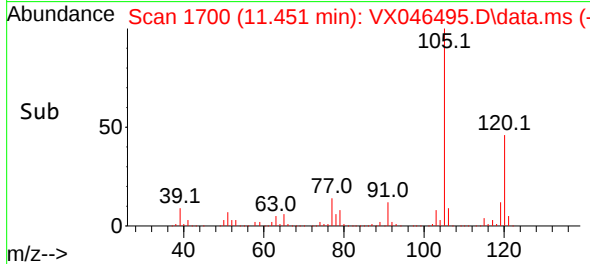


Tgt Ion:105 Resp: 214699
Ion Ratio Lower Upper
105 100
120 45.8 23.1 69.2

Manual Integrations
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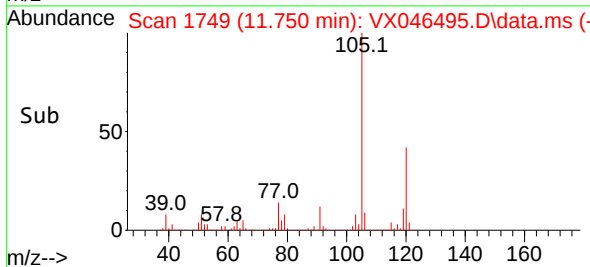
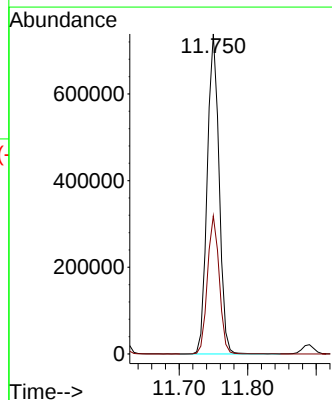
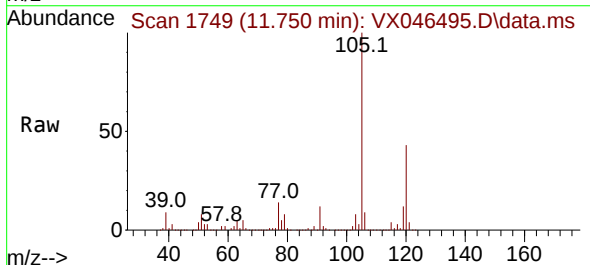
Reviewed By :Mahesh
Dadoda
06/05/2025

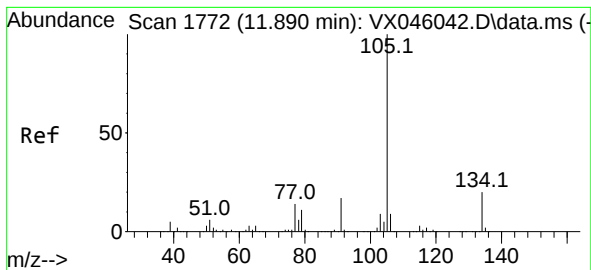
Supervised By :Semsettin
Yesilyurt
06/05/2025



#84
1,2,4-Trimethylbenzene
Concen: 223.920 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX046495.D
Acq: 04 Jun 2025 13:05

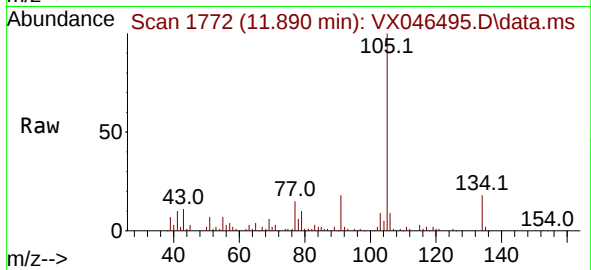
Tgt Ion:105 Resp: 887617
Ion Ratio Lower Upper
105 100
120 43.0 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 5.459 ug/l m
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX046495.D
 Acq: 04 Jun 2025 13:05

Instrument :
 MSVOA_X
 ClientSampleId :
 303-PPR-1

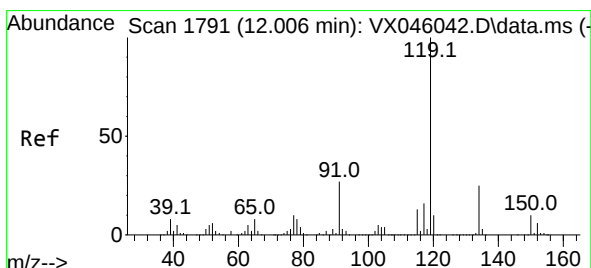
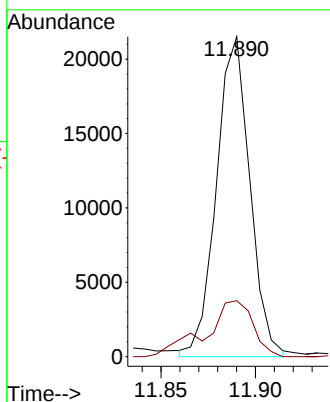
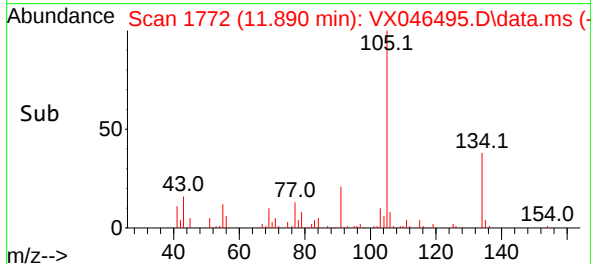


Tgt Ion:105 Resp: 26430
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.7 29.1

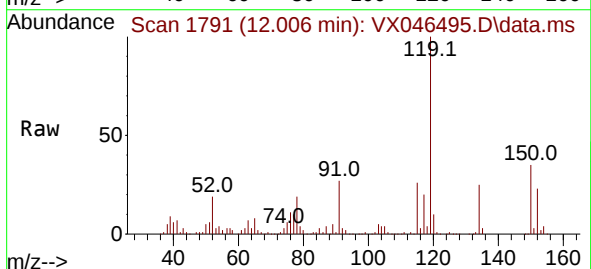
Manual Integrations
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Reviewed By :Mahesh
 Dadoda
 06/05/2025

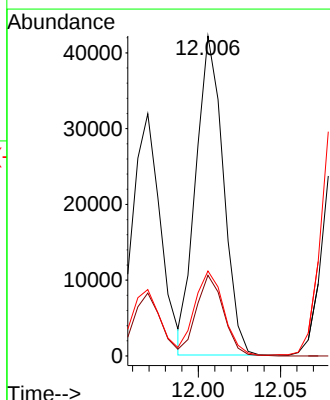
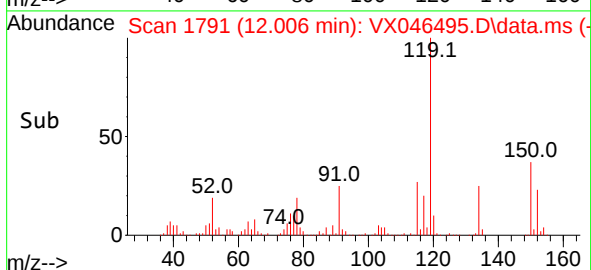
Supervised By :Semsettin
 Yesilyurt
 06/05/2025

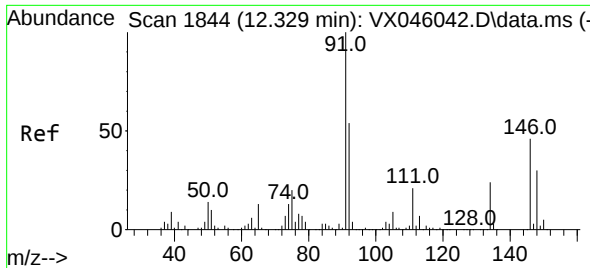


#86
 p-Isopropyltoluene
 Concen: 12.225 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX046495.D
 Acq: 04 Jun 2025 13:05



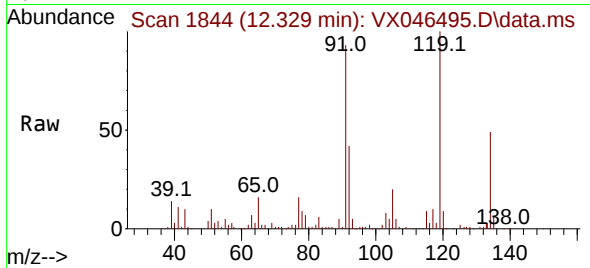
Tgt Ion:119 Resp: 48853
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.5 37.5
 91 27.7 13.8 41.4





#89
n-Butylbenzene
Concen: 5.557 ug/l m
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX046495.D
Acq: 04 Jun 2025 13:05

Instrument :
MSVOA_X
ClientSampleId :
303-PPR-1

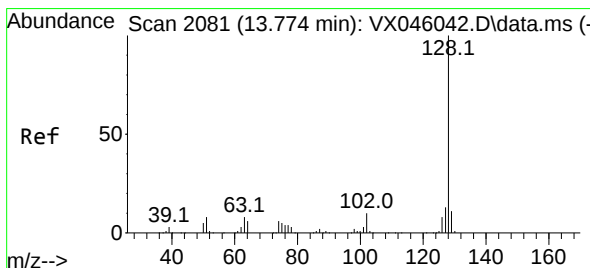
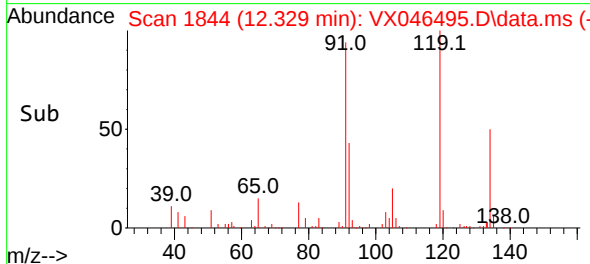
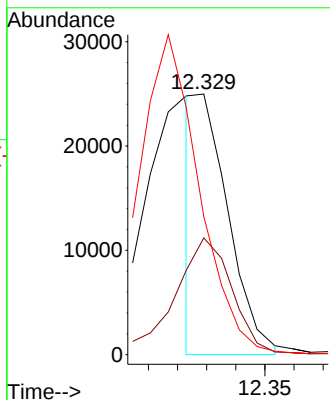


Tgt Ion: 91 Resp: 19478
Ion Ratio Lower Upper
91 100
92 0.0 26.9 80.7
134 0.0 11.8 35.3

Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda
06/05/2025

Supervised By :Semsettin
Yesilyurt
06/05/2025



#95
Naphthalene
Concen: 124.297 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX046495.D
Acq: 04 Jun 2025 13:05

Tgt Ion:128 Resp: 521628
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 11.1 8.6 13.0

