

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071224\
 Data File : VW029556.D
 Acq On : 12 Jul 2024 17:08
 Operator : SY/MD
 Sample : P3230-01
 Misc : 5.74g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BHB32

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/15/2024
 Supervised By :Semsettin Yesilyurt 07/15/2024

Quant Time: Jul 12 23:27:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jul 12 23:17:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.873	114	330439	25.000	ug/L	# 0.03
28) Chlorobenzene-d5	11.666	117	225213	25.000	ug/L	0.04
58) 1,4-Dichlorobenzene-d4	13.562	152	79433	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.368	65	117232	21.962	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	87.840%		
7) Chloroethane-d5	2.905	69	69672	18.127	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	72.520%		
11) 1,1-Dichloroethene-d2	4.051	65	39401	16.437	ug/L	0.03
Spiked Amount 25.000	Range 45 - 110		Recovery =	65.760%		
21) 2-Butanone-d5	7.087	46	48027m	29.972	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	59.940%		
24) Chloroform-d	7.672	84	158967	16.641	ug/L	0.02
Spiked Amount 25.000	Range 40 - 150		Recovery =	66.560%		
26) 1,2-Dichloroethane-d4	8.319	65	105997m	18.917	ug/L	0.01
Spiked Amount 25.000	Range 70 - 130		Recovery =	75.680%		
32) Benzene-d6	8.300	84	305516	22.645	ug/L	0.02
Spiked Amount 25.000	Range 20 - 135		Recovery =	90.560%		
36) 1,2-Dichloropropane-d6	9.300	67	100966	23.406	ug/L	0.03
Spiked Amount 25.000	Range 70 - 120		Recovery =	93.640%		
41) Toluene-d8	10.349	98	269643	22.726	ug/L	0.03
Spiked Amount 25.000	Range 30 - 130		Recovery =	90.920%		
43) trans-1,3-Dichloroprop...	10.586	79	45154	24.719	ug/L	0.01
Spiked Amount 25.000	Range 30 - 135		Recovery =	98.880%		
47) 2-Hexanone-d5	0.000	63	0d	0.000	ug/L	
Spiked Amount 50.000	Range 20 - 135		Recovery =	0.000%#		
56) 1,1,2,2-Tetrachloroeth...	12.696	84	83146	23.740	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	94.960%		
66) 1,2-Dichlorobenzene-d4	13.860	152	48948	17.694	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	70.760%#		
Target Compounds						
						Qvalue
5) Vinyl chloride	2.374	62	3297266	667.396	ug/L	94
12) 1,1-Dichloroethene	4.069	96	98016	23.852	ug/L	94
13) Acetone	4.130	43	28892	17.864	ug/L	67
16) Methylene chloride	4.953	84	19006	3.213	ug/L	96
17) trans-1,2-Dichloroethene	5.472	96	160676	35.320	ug/L	96
19) 1,1-Dichloroethane	6.252	63	39371	4.214	ug/L	94
20) cis-1,2-Dichloroethene	7.166	96	53943616m	10844.148	ug/L	
30) 1,1,1-Trichloroethane	7.892	97	48869m	9.502	ug/L	
34) Trichloroethene	9.154	95	45426149m	12207.861	ug/L	
35) Methylcyclohexane	9.367	83	44110m	7.375	ug/L	
42) Toluene	10.404	91	10035627	696.174	ug/L	100
46) Tetrachloroethene	10.879	164	81312484m	30757.951	ug/L	
52) Ethylbenzene	11.757	91	694575	42.528	ug/L	100
53) m,p-Xylene	11.861	106	1600293	266.913	ug/L	99
54) o-Xylene	12.184	106	593221	106.975	ug/L	100
60) Isopropylbenzene	12.476	105	57741	5.166	ug/L	98
62) 1,3,5-Trimethylbenzene	12.946	105	199809	25.133	ug/L	100
63) 1,2,4-Trimethylbenzene	13.257	105	245888	28.024	ug/L	100

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jul 12 23:17:28 2024
Response via : Initial Calibration

Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

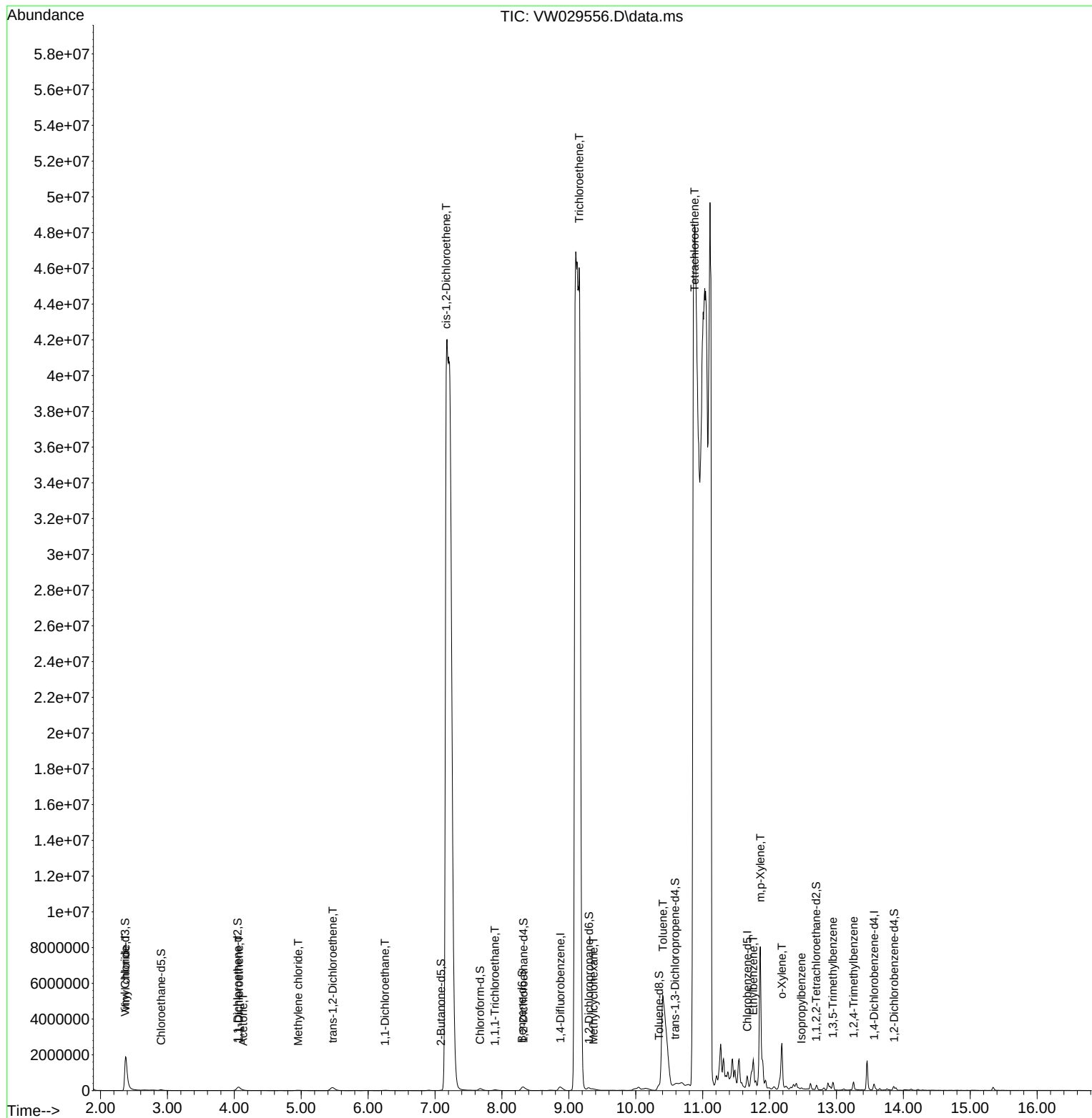
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071224\
Data File : VW029556.D
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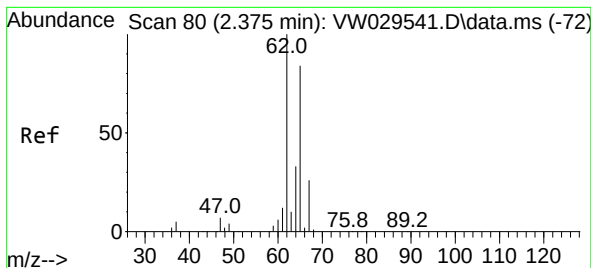
Instrument :
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Quant Title : SFAM01.0
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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 667.396 ug/L

RT: 2.374 min Scan# 80

Delta R.T. -0.000 min

Lab File: VW029556.D

Acq: 12 Jul 2024 17:08

Instrument :

MSVOA_W

ClientSampleId :

BHB32

Tgt Ion: 62 Resp: 3297266

Ion Ratio Lower Upper

62 100

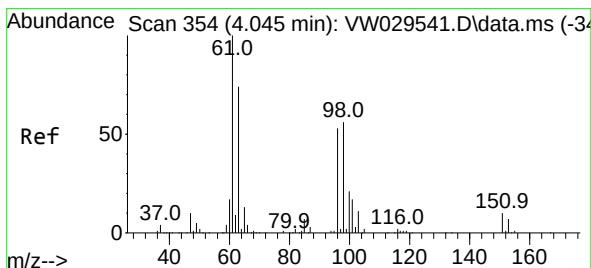
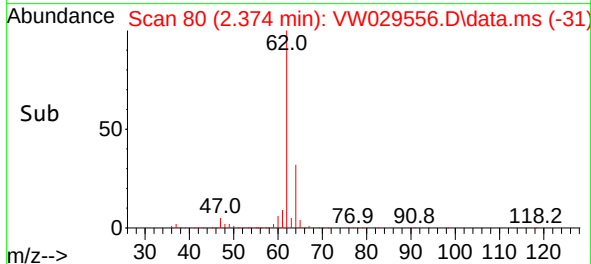
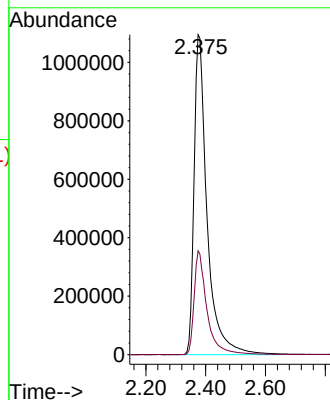
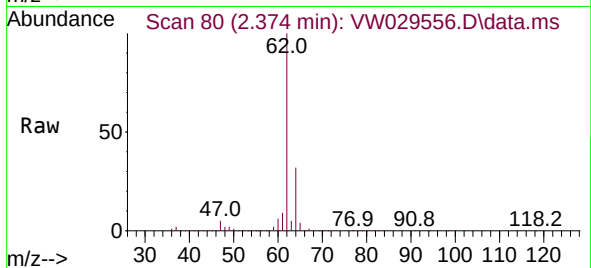
64 32.4 25.1 46.5

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#12

1,1-Dichloroethene

Concen: 23.852 ug/L

RT: 4.069 min Scan# 358

Delta R.T. 0.024 min

Lab File: VW029556.D

Acq: 12 Jul 2024 17:08

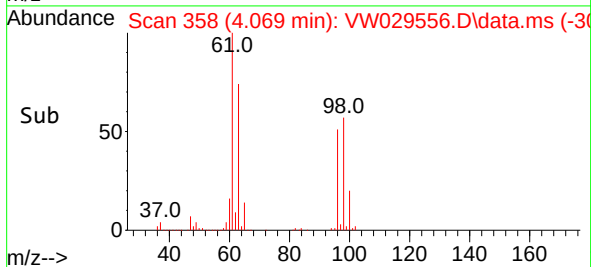
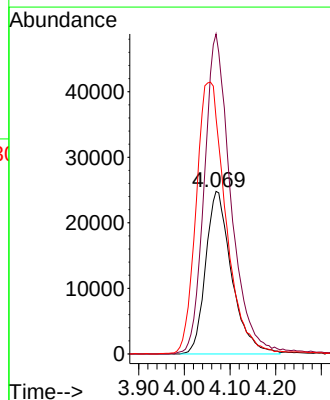
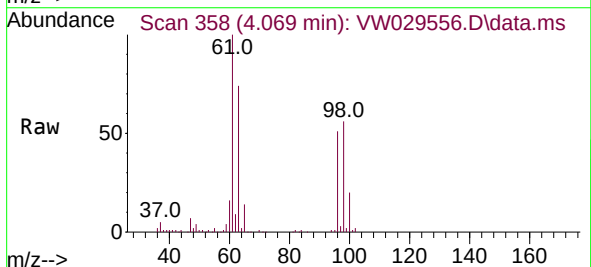
Tgt Ion: 96 Resp: 98016

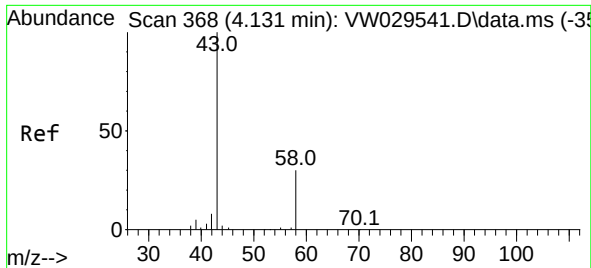
Ion Ratio Lower Upper

96 100

61 196.9 132.4 245.8

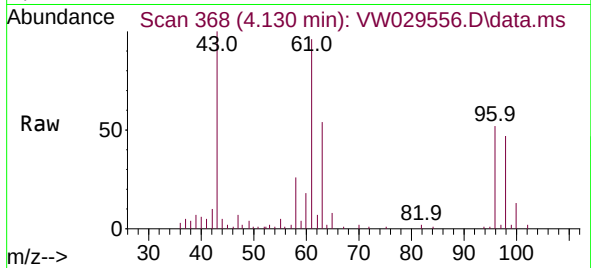
63 145.3 108.4 201.2





#13
Acetone
Concen: 17.864 ug/L
RT: 4.130 min Scan# 30
Delta R.T. -0.000 min
Lab File: VW029556.D
Acq: 12 Jul 2024 17:08

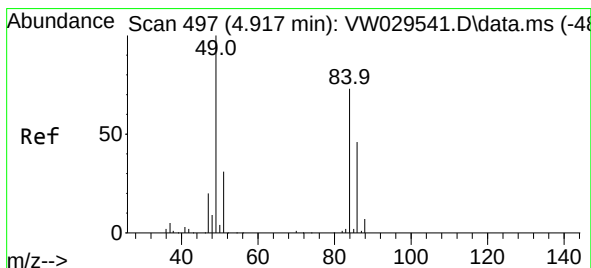
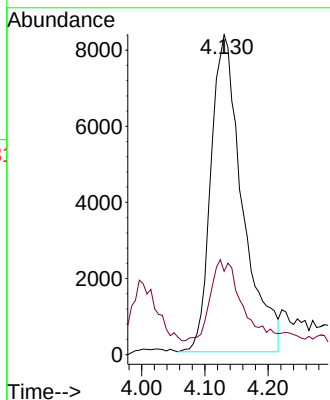
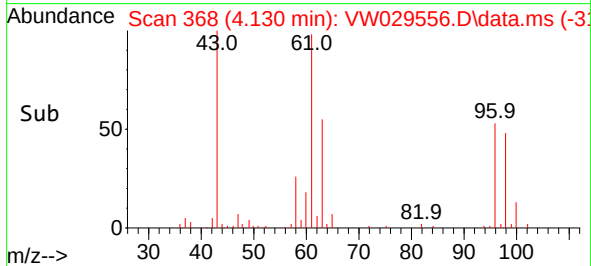
Instrument :
MSVOA_W
ClientSampleId :
BHB32



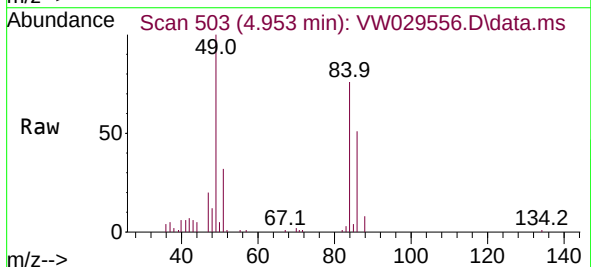
Tgt Ion: 43 Resp: 28892
Ion Ratio Lower Upper
43 100
58 10.6 0.0 55.6

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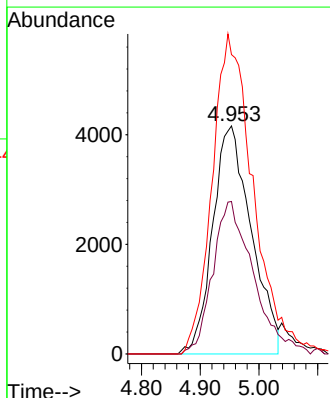
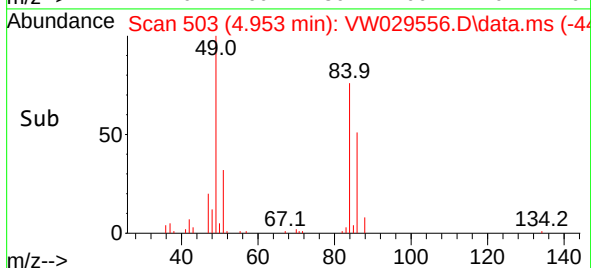
Reviewed By :Mahesh Dadoda 07/15/2024
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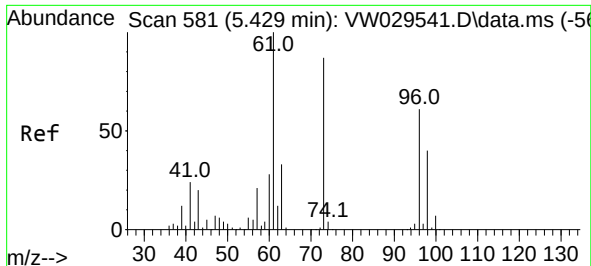


#16
Methylene chloride
Concen: 3.213 ug/L
RT: 4.953 min Scan# 503
Delta R.T. 0.036 min
Lab File: VW029556.D
Acq: 12 Jul 2024 17:08



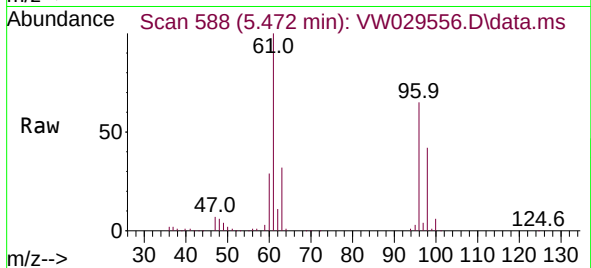
Tgt Ion: 84 Resp: 19006
Ion Ratio Lower Upper
84 100
86 66.9 46.2 85.8
49 131.3 96.7 179.7





#17
trans-1,2-Dichloroethene
Concen: 35.320 ug/L
RT: 5.472 min Scan# 581
Delta R.T. 0.042 min
Lab File: VW029556.D
Acq: 12 Jul 2024 17:08

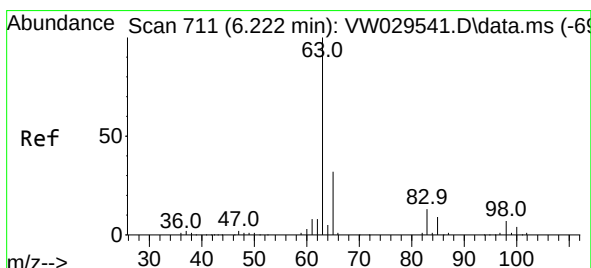
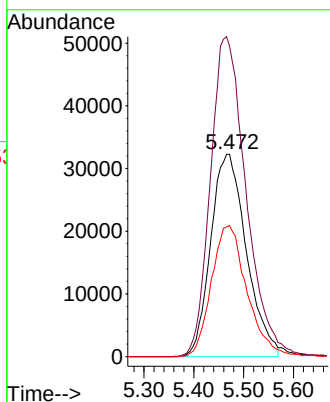
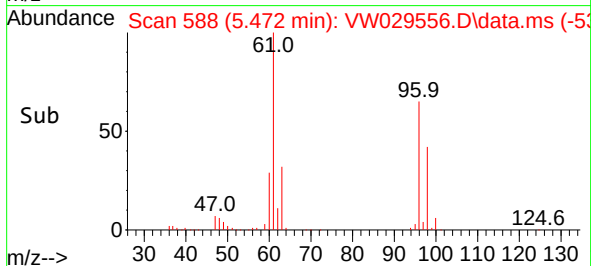
Instrument :
MSVOA_W
ClientSampleId :
BHB32



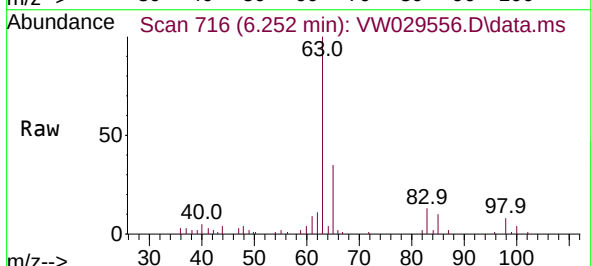
Tgt Ion: 96 Resp: 160676
Ion Ratio Lower Upper
96 100
61 153.4 102.9 191.1
98 64.8 43.9 81.5

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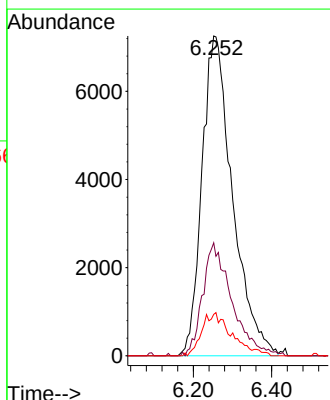
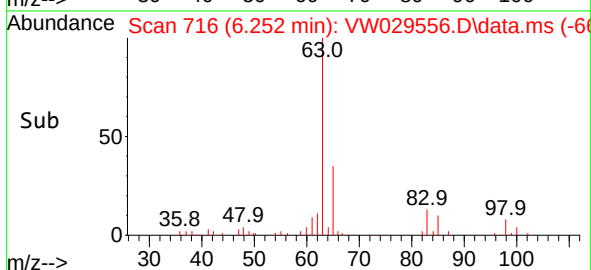
Reviewed By :Mahesh Dadoda 07/15/2024
Supervised By :Semsettin Yesilyurt 07/15/2024

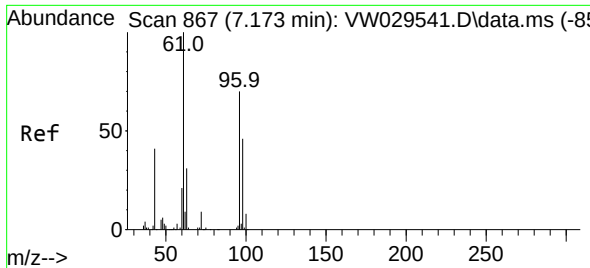


#19
1,1-Dichloroethane
Concen: 4.214 ug/L
RT: 6.252 min Scan# 716
Delta R.T. 0.030 min
Lab File: VW029556.D
Acq: 12 Jul 2024 17:08



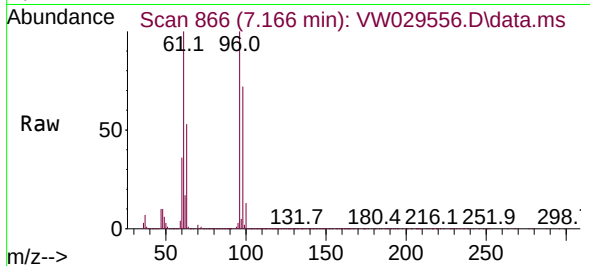
Tgt Ion: 63 Resp: 39371
Ion Ratio Lower Upper
63 100
65 35.3 21.5 39.9
83 13.0 8.7 16.1





#20
cis-1,2-Dichloroethene
Concen: 10844.148 ug/L m
RT: 7.166 min Scan# 866
Delta R.T. -0.007 min
Lab File: VW029556.D
Acq: 12 Jul 2024 17:08

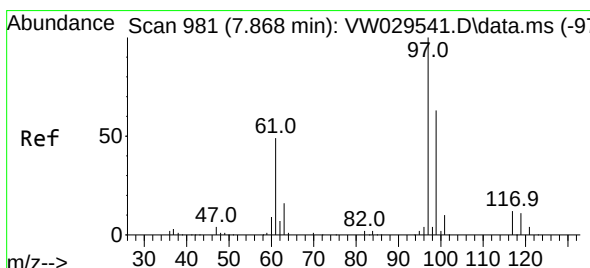
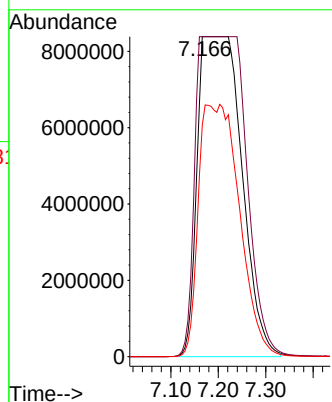
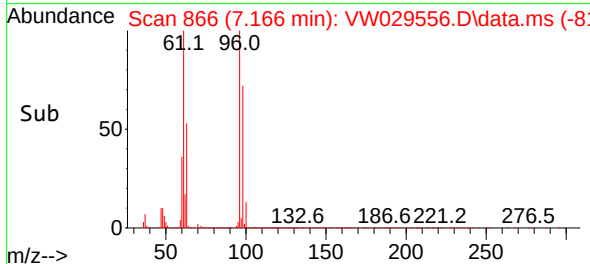
Instrument :
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Tgt Ion: 96 Resp: 53943616
Ion Ratio Lower Upper
96 100
61 100.0 97.4 180.8
98 72.3 41.6 77.2

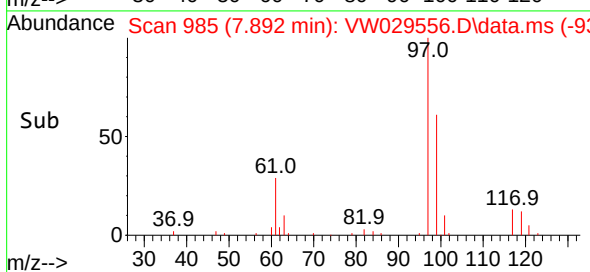
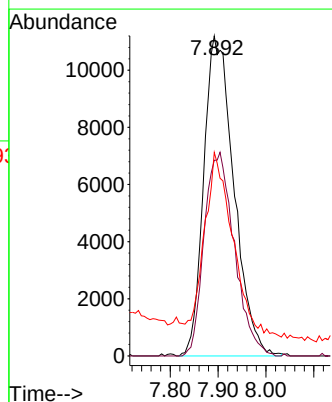
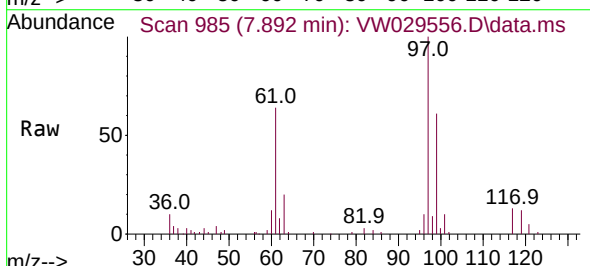
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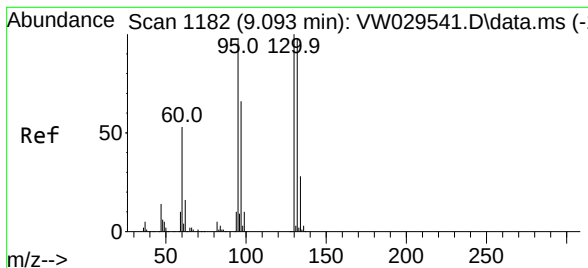
Reviewed By :Mahesh Dadoda 07/15/2024
Supervised By :Semsettin Yesilyurt 07/15/2024



#30
1,1,1-Trichloroethane
Concen: 9.502 ug/L m
RT: 7.892 min Scan# 985
Delta R.T. 0.024 min
Lab File: VW029556.D
Acq: 12 Jul 2024 17:08

Tgt Ion: 97 Resp: 48869
Ion Ratio Lower Upper
97 100
99 63.8 51.1 76.7
61 49.1 40.6 61.0





#34

Trichloroethene

Concen: 12207.861 ug/L m

RT: 9.154 min Scan# 1182

Delta R.T. 0.061 min

Lab File: VW029556.D

Acq: 12 Jul 2024 17:08

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Tgt Ion: 95 Resp:45426149

Ion Ratio Lower Upper

95 100

97 71.3 47.3 87.9

132 92.6 65.8 122.2

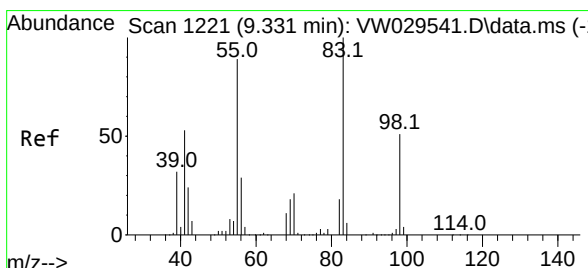
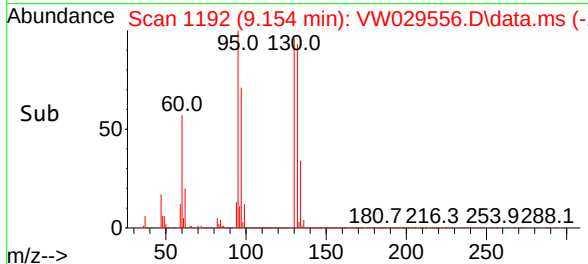
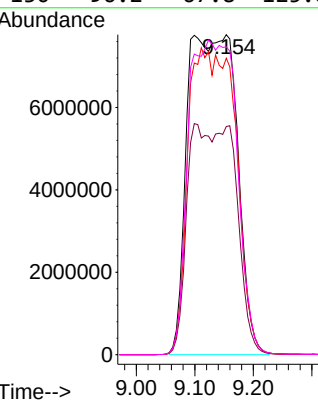
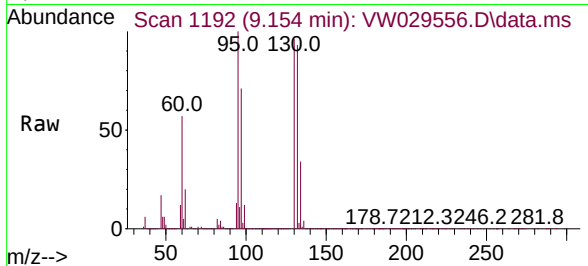
130 96.2 67.8 125.8

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#35

Methylcyclohexane

Concen: 7.375 ug/L m

RT: 9.367 min Scan# 1227

Delta R.T. 0.036 min

Lab File: VW029556.D

Acq: 12 Jul 2024 17:08

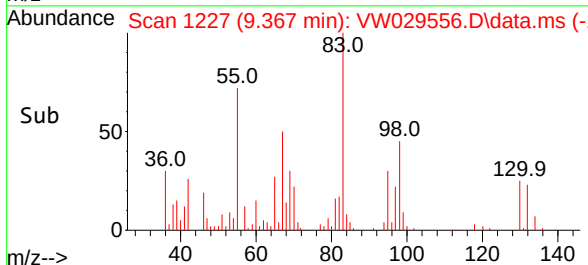
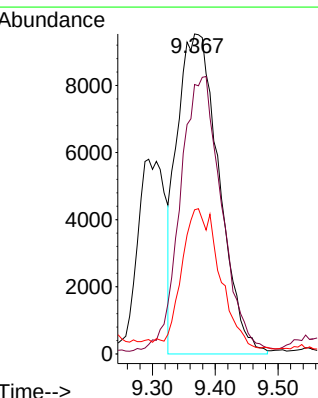
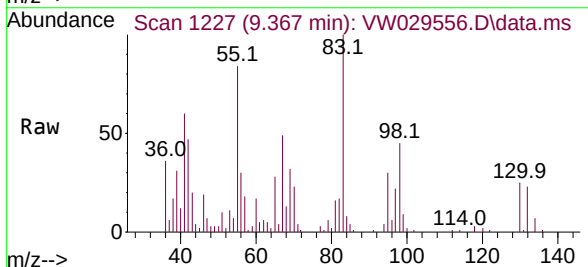
Tgt Ion: 83 Resp: 44110

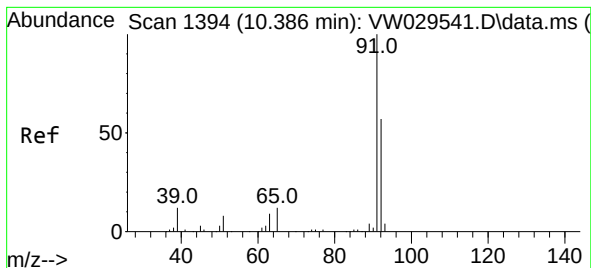
Ion Ratio Lower Upper

83 100

55 0.0 69.6 104.4#

98 0.1 38.3 57.5#





#42

Toluene

Concen: 696.174 ug/L

RT: 10.404 min Scan# 1394

Delta R.T. 0.018 min

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Acq: 12 Jul 2024 17:08

Instrument :

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ClientSampleId :

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Tgt Ion: 91 Resp:1003562

Ion Ratio Lower Upper

91 100

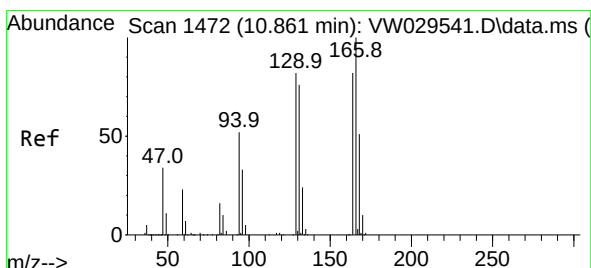
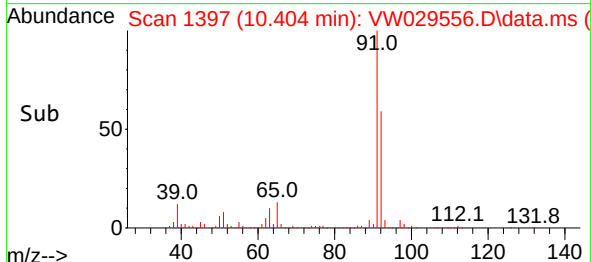
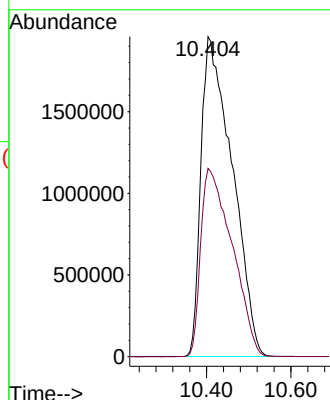
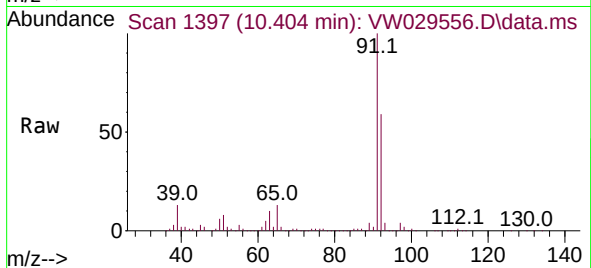
92 58.8 41.1 76.3

Manual Integrations

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Supervised By :Semsettin Yesilyurt 07/15/2024



#46

Tetrachloroethene

Concen: 30757.951 ug/L m

RT: 10.879 min Scan# 1475

Delta R.T. 0.018 min

Lab File: VW029556.D

Acq: 12 Jul 2024 17:08

Tgt Ion:164 Resp:81312484

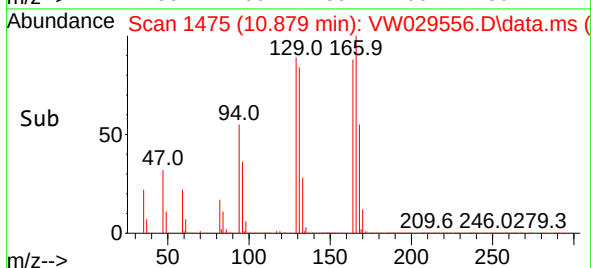
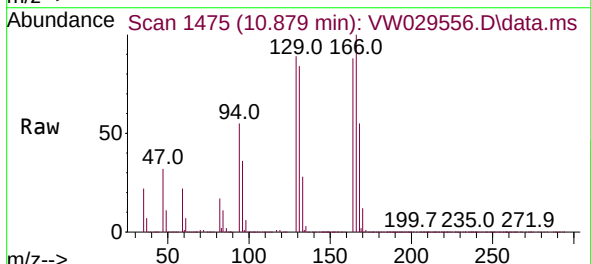
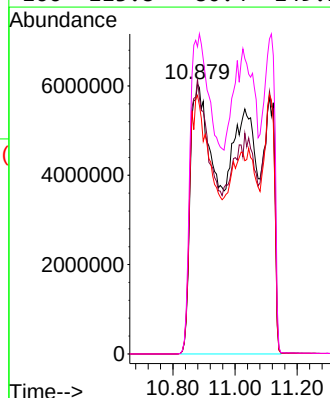
Ion Ratio Lower Upper

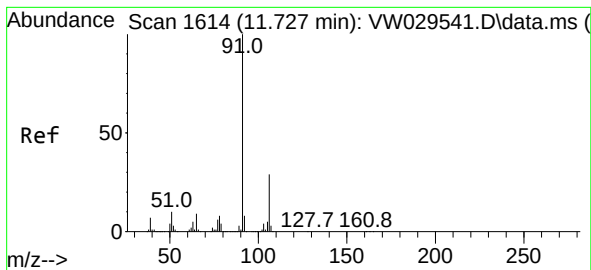
164 100

129 101.8 60.0 111.4

131 95.8 64.6 120.0

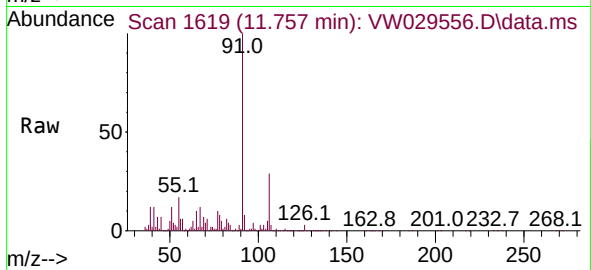
166 113.8 80.4 149.2





#52
Ethylbenzene
Concen: 42.528 ug/L
RT: 11.757 min Scan# 1619
Delta R.T. 0.030 min
Lab File: VW029556.D
Acq: 12 Jul 2024 17:08

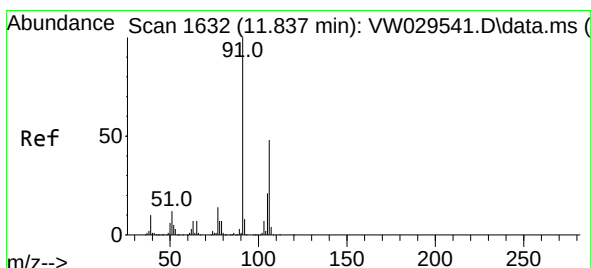
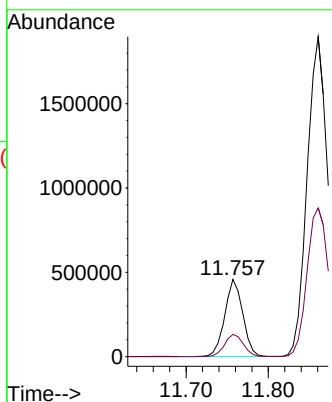
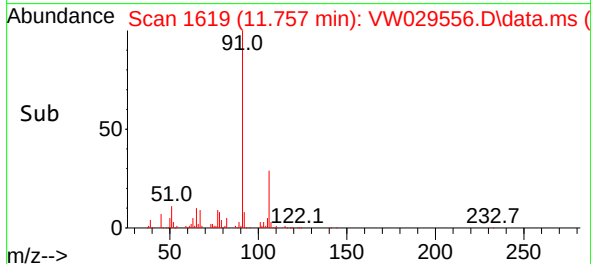
Instrument :
MSVOA_W
ClientSampleId :
BHB32



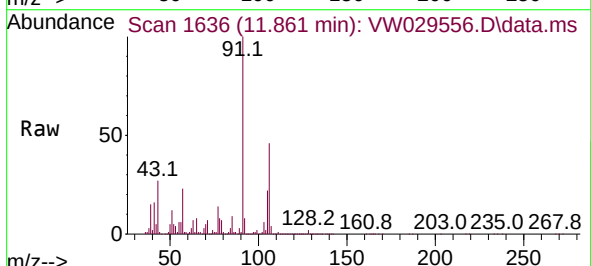
Tgt Ion: 91 Resp: 694575
Ion Ratio Lower Upper
91 100
106 28.7 20.2 37.6

Manual Integrations
APPROVED

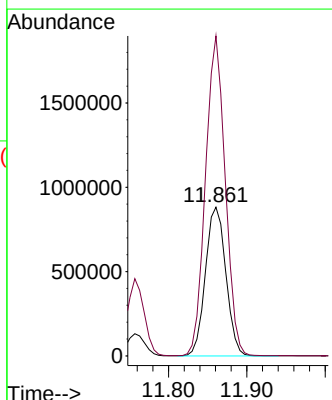
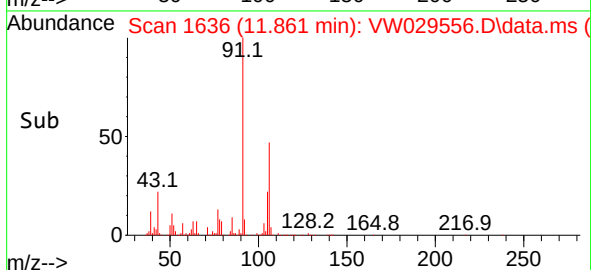
Reviewed By :Mahesh Dadoda 07/15/2024
Supervised By :Semsettin Yesilyurt 07/15/2024

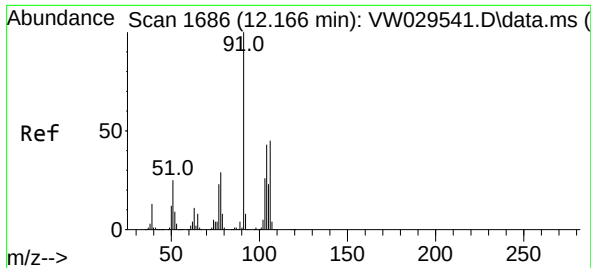


#53
m,p-Xylene
Concen: 266.913 ug/L
RT: 11.861 min Scan# 1636
Delta R.T. 0.024 min
Lab File: VW029556.D
Acq: 12 Jul 2024 17:08



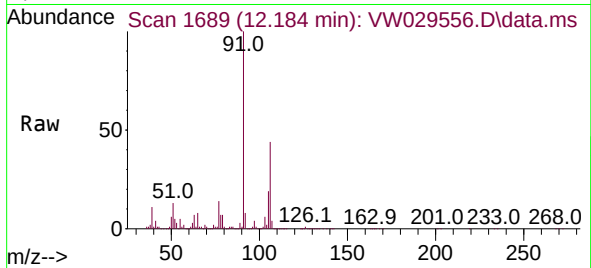
Tgt Ion:106 Resp: 1600293
Ion Ratio Lower Upper
106 100
91 215.2 149.3 277.3





#54
o-Xylene
Concen: 106.975 ug/L
RT: 12.184 min Scan# 1689
Delta R.T. 0.018 min
Lab File: VW029556.D
Acq: 12 Jul 2024 17:08

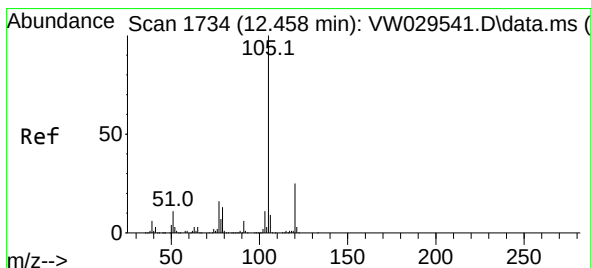
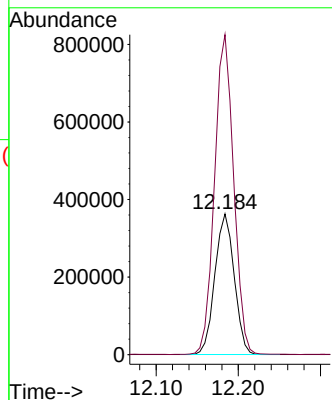
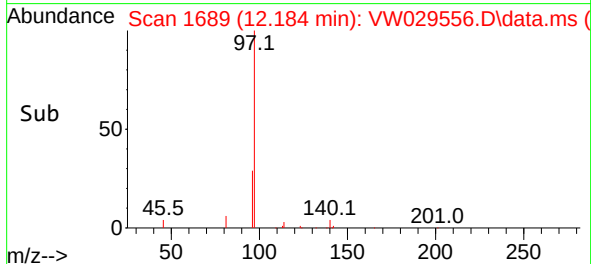
Instrument :
MSVOA_W
ClientSampleId :
BHB32



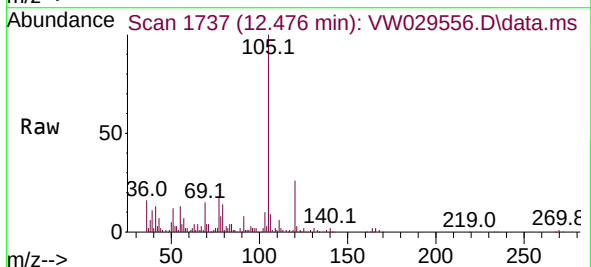
Tgt Ion:106 Resp: 593221
Ion Ratio Lower Upper
106 100
91 227.5 159.2 295.6

Manual Integrations
APPROVED

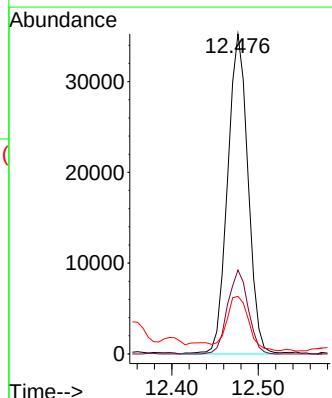
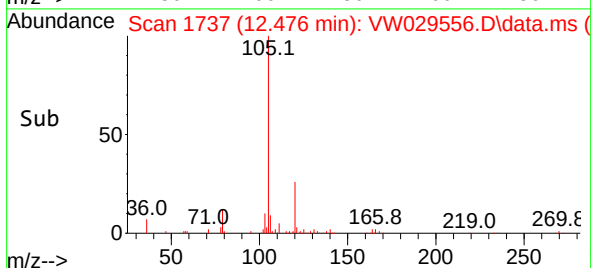
Reviewed By :Mahesh Dadoda 07/15/2024
Supervised By :Semsettin Yesilyurt 07/15/2024

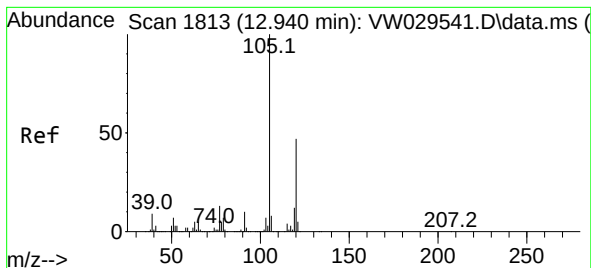


#60
Isopropylbenzene
Concen: 5.166 ug/L
RT: 12.476 min Scan# 1737
Delta R.T. 0.018 min
Lab File: VW029556.D
Acq: 12 Jul 2024 17:08



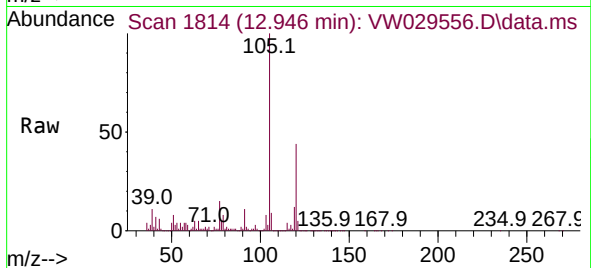
Tgt Ion:105 Resp: 57741
Ion Ratio Lower Upper
105 100
120 26.3 20.2 30.4
77 18.2 13.6 20.4





#62
1,3,5-Trimethylbenzene
Concen: 25.133 ug/L
RT: 12.946 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VW029556.D
Acq: 12 Jul 2024 17:08

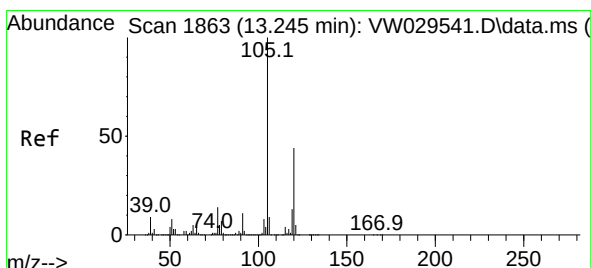
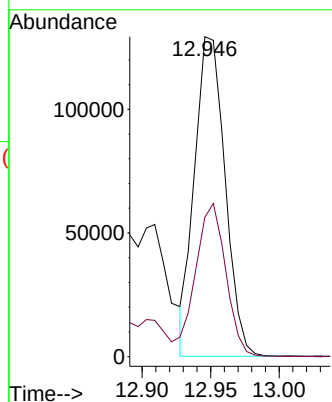
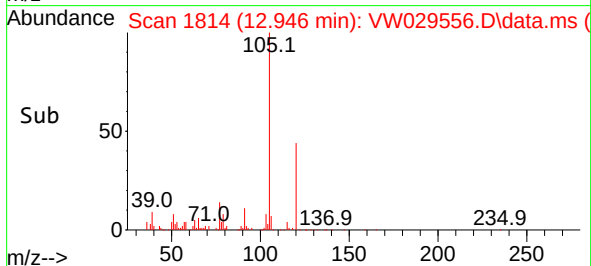
Instrument :
MSVOA_W
ClientSampleId :
BHB32



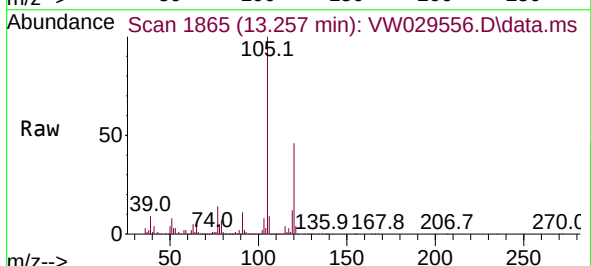
Tgt Ion:105 Resp: 199809
Ion Ratio Lower Upper
105 100
120 47.7 38.4 57.6

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 07/15/2024
Supervised By :Semsettin Yesilyurt 07/15/2024



#63
1,2,4-Trimethylbenzene
Concen: 28.024 ug/L
RT: 13.257 min Scan# 1865
Delta R.T. 0.012 min
Lab File: VW029556.D
Acq: 12 Jul 2024 17:08



Tgt Ion:105 Resp: 245888
Ion Ratio Lower Upper
105 100
120 43.1 34.7 52.1

