

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071824\
 Data File : VW036602.D
 Acq On : 18 Jul 2024 15:13
 Operator : SY/MD
 Sample : P3298-06
 Misc : 5.82g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHB26

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 07/19/2024
 Supervised By :Mahesh Dadoda 07/22/2024

Quant Time: Jul 19 04:40:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 19 04:31:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.564	114	686070	25.000	ug/L	0.04
28) Chlorobenzene-d5	8.882	117	596970	25.000	ug/L	0.10
58) 1,4-Dichlorobenzene-d4	11.201	152	327475	25.000	ug/L	0.02
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	204250	20.780	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	83.120%		
7) Chloroethane-d5	1.532	69	136086	15.836	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	63.360%		
11) 1,1-Dichloroethene-d2	2.060	65	75713	15.000	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	60.000%		
21) 2-Butanone-d5	3.854	46	74372	44.208	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	88.420%		
24) Chloroform-d	4.262	84	283983	14.220	ug/L	0.02
Spiked Amount 25.000	Range 40 - 150		Recovery =	56.880%		
26) 1,2-Dichloroethane-d4	4.960	65	141573	14.293	ug/L	0.03
Spiked Amount 25.000	Range 70 - 130		Recovery =	57.160%#		
32) Benzene-d6	4.982	84	533255	17.905	ug/L	0.03
Spiked Amount 25.000	Range 20 - 135		Recovery =	71.640%		
36) 1,2-Dichloropropane-d6	6.021	67	165046	18.595	ug/L	0.04
Spiked Amount 25.000	Range 70 - 120		Recovery =	74.400%		
41) Toluene-d8	7.374	98	621149m	22.604	ug/L	0.14
Spiked Amount 25.000	Range 30 - 130		Recovery =	90.400%		
43) trans-1,3-Dichloroprop...	7.593	79	95230m	25.806	ug/L	0.04
Spiked Amount 25.000	Range 30 - 135		Recovery =	103.240%		
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...	10.178	84	123803	16.562	ug/L	0.03
Spiked Amount 25.000	Range 45 - 120		Recovery =	66.240%		
66) 1,2-Dichlorobenzene-d4	11.570	152	183056	16.472	ug/L	0.01
Spiked Amount 25.000	Range 75 - 120		Recovery =	65.880%#		
Target Compounds						
5) Vinyl chloride	1.278	62	4415602	449.728	ug/L	98
12) 1,1-Dichloroethene	2.072	96	119064	11.748	ug/L	83
13) Acetone	2.162	43	48027m	20.192	ug/L	
14) Carbon disulfide	2.246	76	47604	2.092	ug/L	99
16) Methylene chloride	2.449	84	47240	3.349	ug/L	97
17) trans-1,2-Dichloroethene	2.703	96	151885	16.491	ug/L	99
19) 1,1-Dichloroethane	3.124	63	27589	1.655	ug/L	96
20) cis-1,2-Dichloroethene	3.796	96	52327361m	5466.180	ug/L	
30) 1,1,1-Trichloroethane	4.532	97	56462m	4.069	ug/L	
34) Trichloroethene	5.834	95	70465227m	7495.617	ug/L	
42) Toluene	7.448	91	10322935m	329.770	ug/L	
46) Tetrachloroethene	7.915	164	79187060m	10417.876	ug/L	
52) Ethylbenzene	9.021	91	600286	17.877	ug/L	98
53) m,p-Xylene	9.136	106	1548960	119.813	ug/L	96
54) o-Xylene	9.525	106	550741	44.744	ug/L	94
60) Isopropylbenzene	9.905	105	71326	2.180	ug/L	99
62) 1,3,5-Trimethylbenzene	10.500	105	261794	11.174	ug/L	98
63) 1,2,4-Trimethylbenzene	10.869	105	322713	12.659	ug/L	98

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 19 04:31:33 2024
Response via : Initial Calibration

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

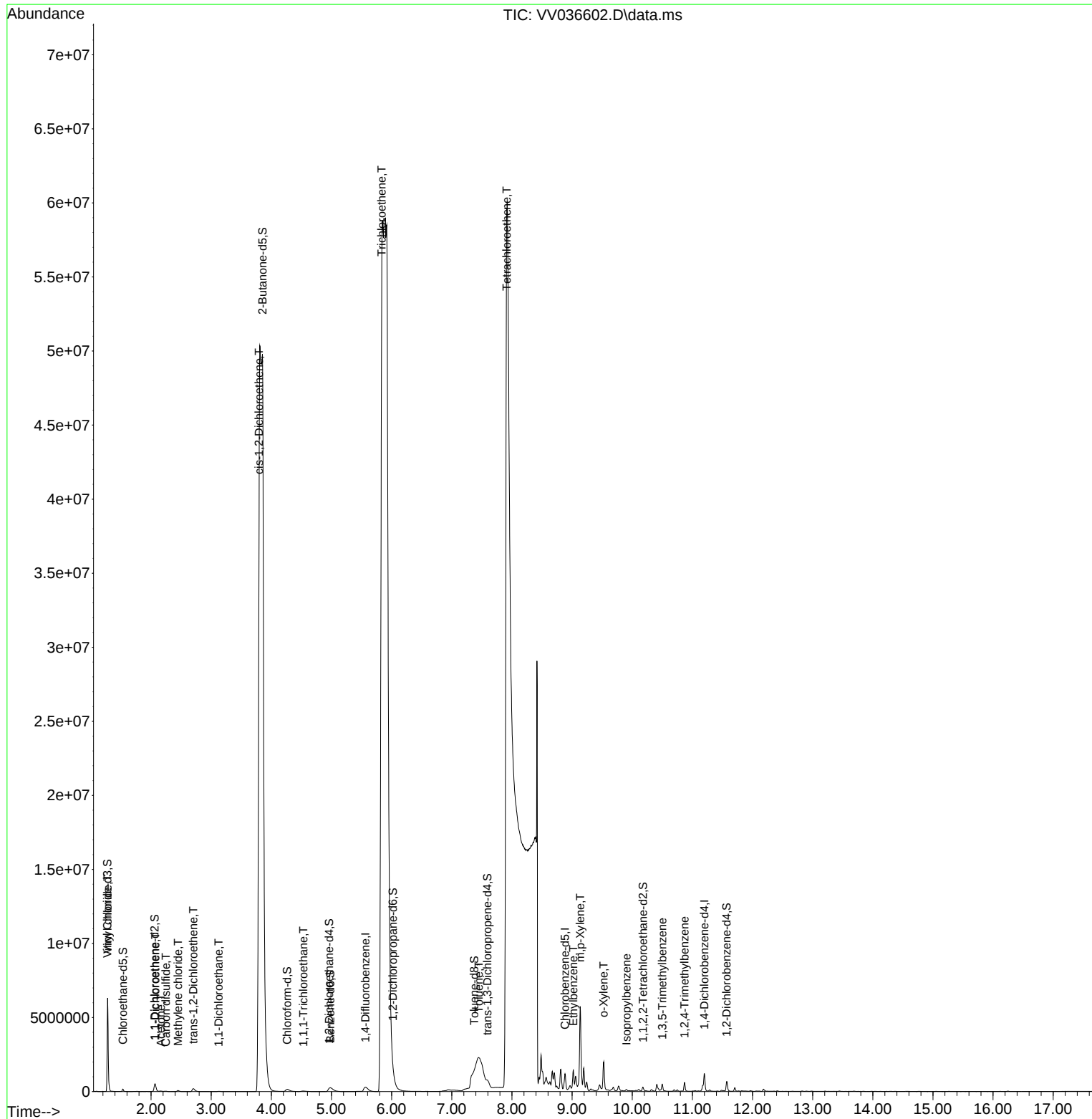
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Data File : VV036602.D
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Operator : SY/MD
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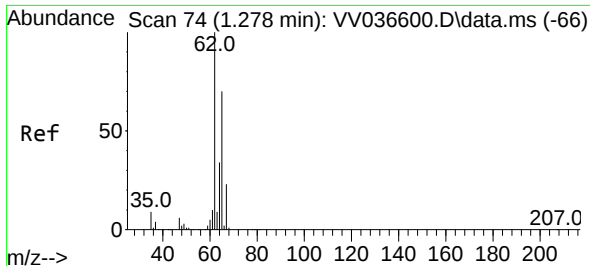
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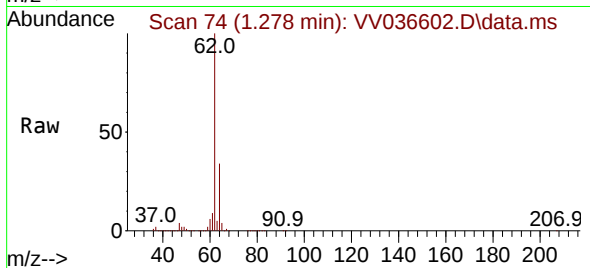
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
Quant Title : VOC Analysis
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#5
 Vinyl chloride
 Concen: 449.728 ug/L
 RT: 1.278 min Scan# 74
 Delta R.T. -0.000 min
 Lab File: VV036602.D
 Acq: 18 Jul 2024 15:13

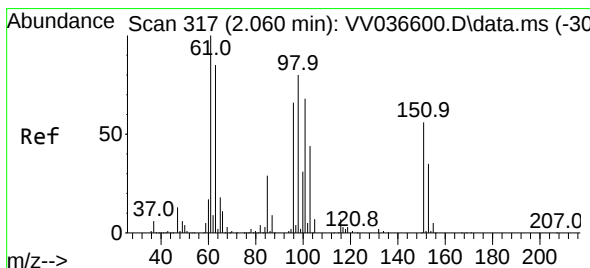
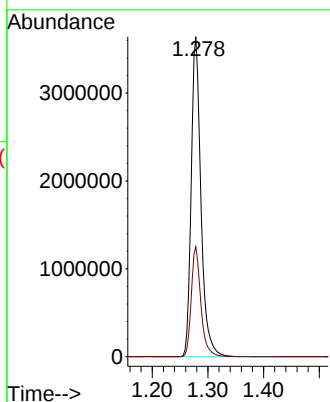
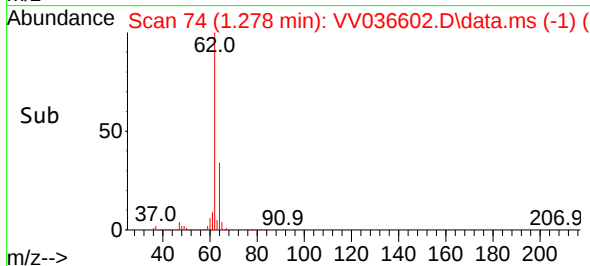
Instrument :
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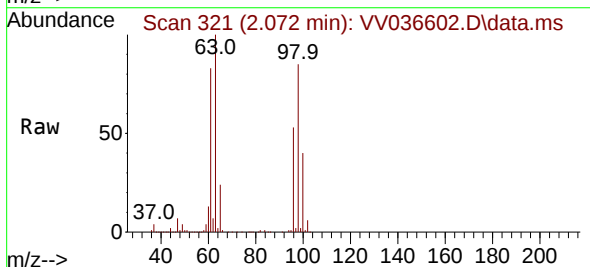
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 Ion Ratio Lower Upper
 62 100
 64 34.3 23.4 43.4

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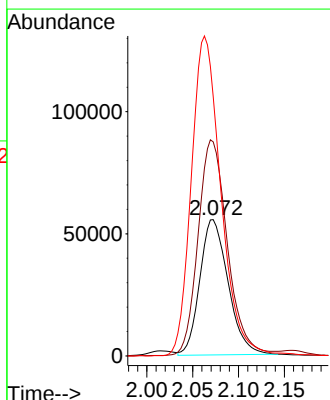
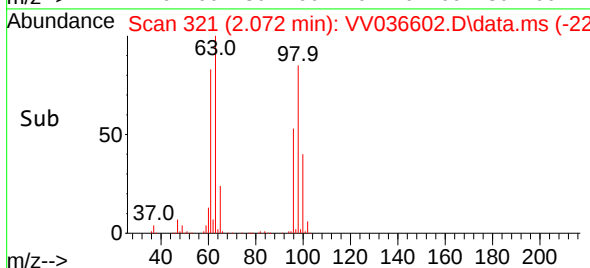
Reviewed By :Romaben Patel 07/19/2024
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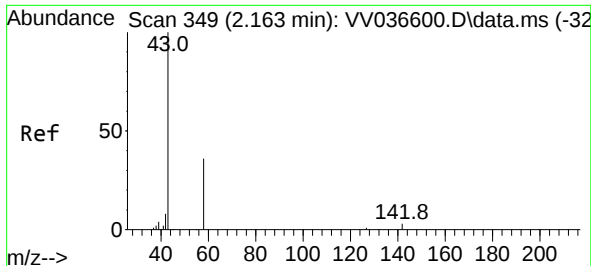


#12
 1,1-Dichloroethene
 Concen: 11.748 ug/L
 RT: 2.072 min Scan# 321
 Delta R.T. 0.013 min
 Lab File: VV036602.D
 Acq: 18 Jul 2024 15:13



Tgt Ion: 96 Resp: 119064
 Ion Ratio Lower Upper
 96 100
 61 157.1 110.8 205.8
 63 190.1 103.9 192.9





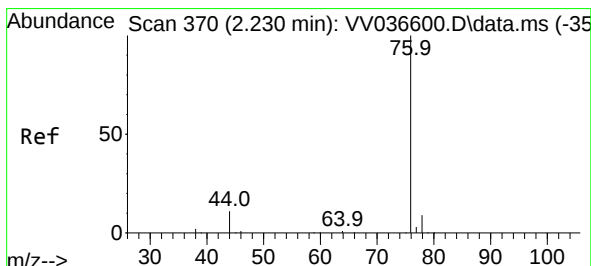
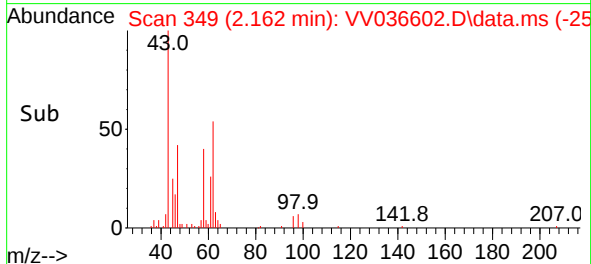
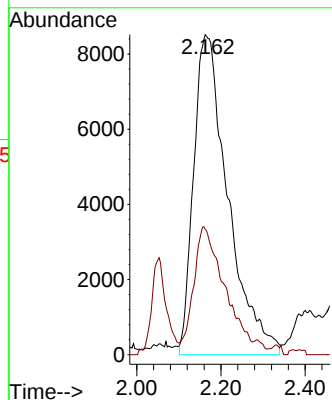
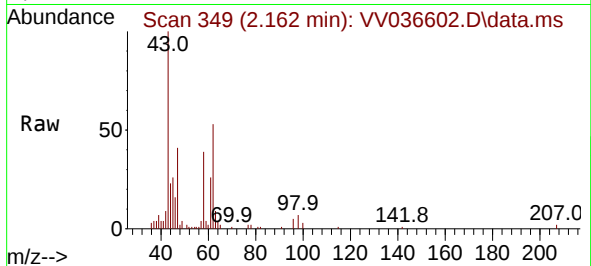
#13
Acetone
Concen: 20.192 ug/L m
RT: 2.162 min Scan# 349
Delta R.T. -0.000 min
Lab File: VV036602.D
Acq: 18 Jul 2024 15:13

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Tgt Ion: 43 Resp: 4802
Ion Ratio Lower Upper
43 100
58 0.0 0.0 28.4

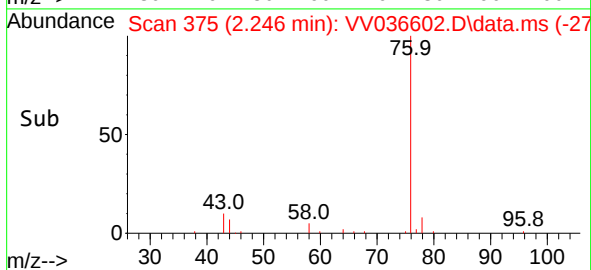
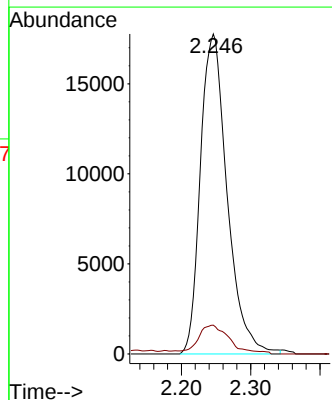
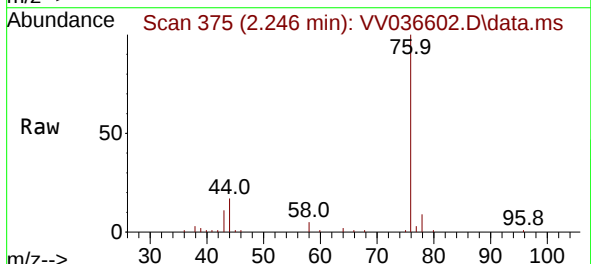
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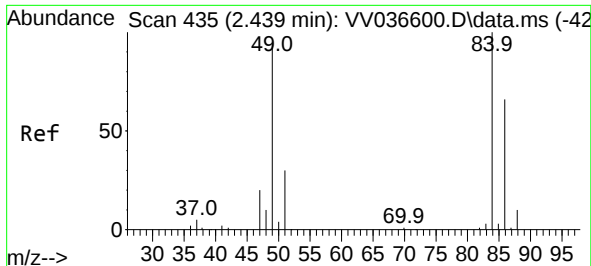
Reviewed By :Romaben Patel 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#14
Carbon disulfide
Concen: 2.092 ug/L
RT: 2.246 min Scan# 375
Delta R.T. 0.016 min
Lab File: VV036602.D
Acq: 18 Jul 2024 15:13

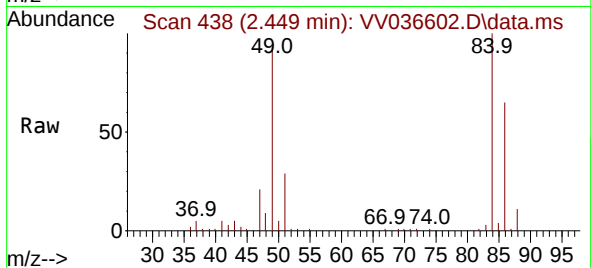
Tgt Ion: 76 Resp: 47604
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2





#16
Methylene chloride
Concen: 3.349 ug/L
RT: 2.449 min Scan# 41
Delta R.T. 0.010 min
Lab File: VV036602.D
Acq: 18 Jul 2024 15:13

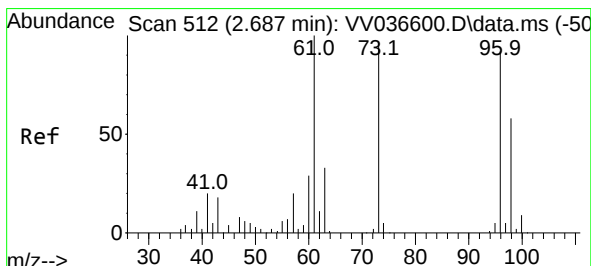
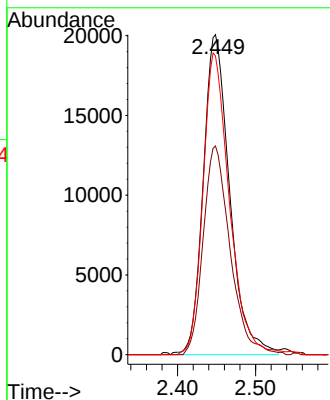
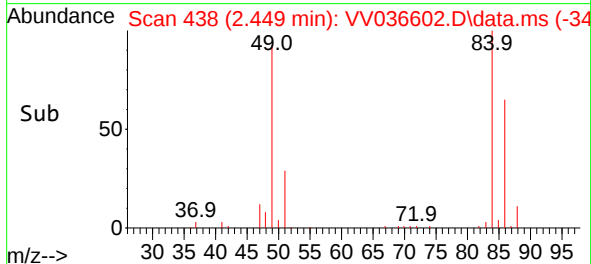
Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion: 84 Resp: 47240
Ion Ratio Lower Upper
84 100
86 65.2 46.3 86.1
49 93.3 68.1 126.5

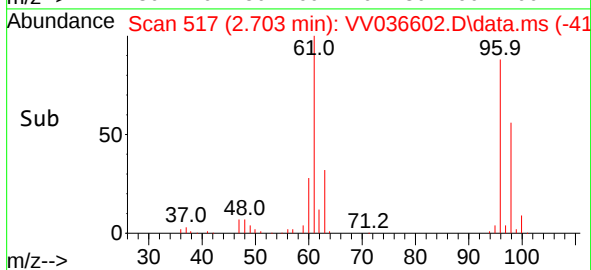
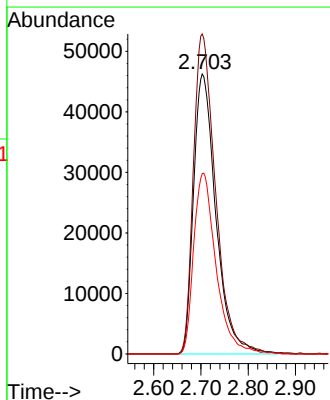
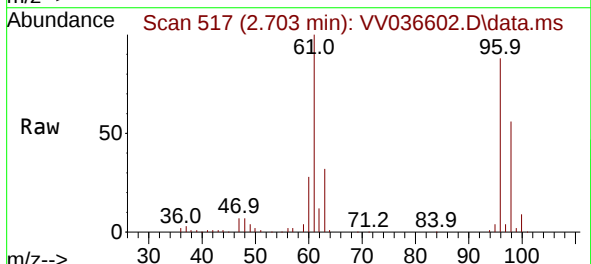
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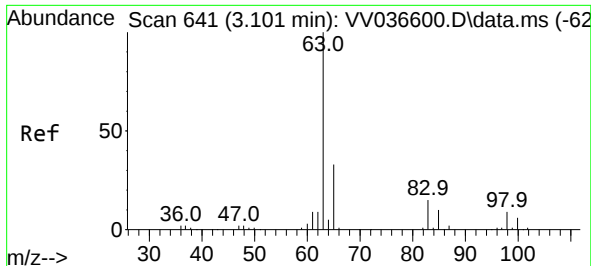
Reviewed By :Romaben Patel 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#17
trans-1,2-Dichloroethene
Concen: 16.491 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.016 min
Lab File: VV036602.D
Acq: 18 Jul 2024 15:13

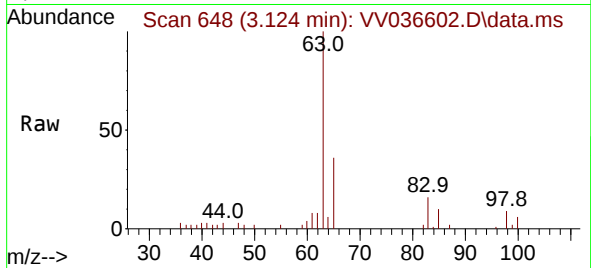
Tgt Ion: 96 Resp: 151885
Ion Ratio Lower Upper
96 100
61 114.3 80.7 149.9
98 64.4 44.6 82.8





#19
1,1-Dichloroethane
Concen: 1.655 ug/L
RT: 3.124 min Scan# 641
Delta R.T. 0.022 min
Lab File: VV036602.D
Acq: 18 Jul 2024 15:13

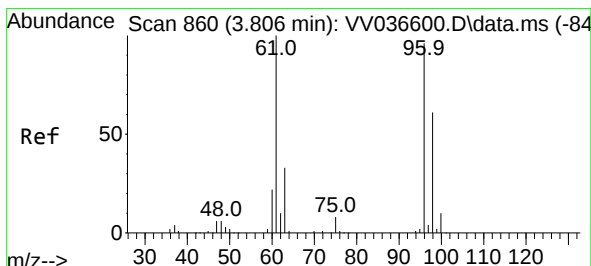
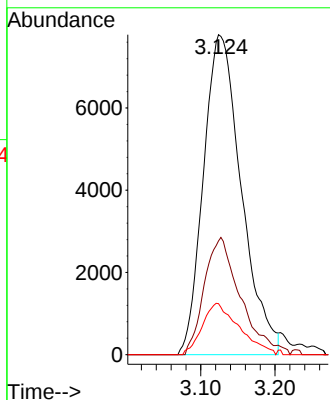
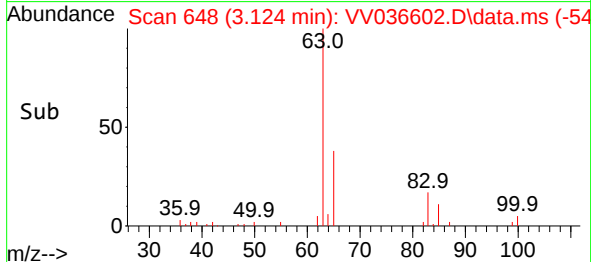
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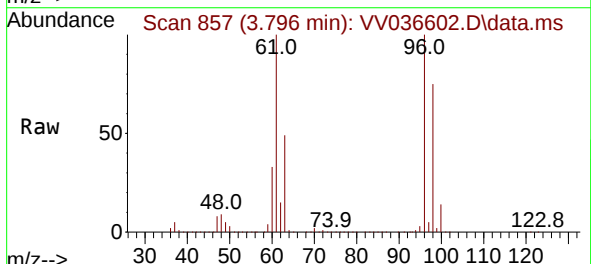
Tgt Ion: 63 Resp: 27589
Ion Ratio Lower Upper
63 100
65 35.5 22.7 42.1
83 16.0 10.9 20.2

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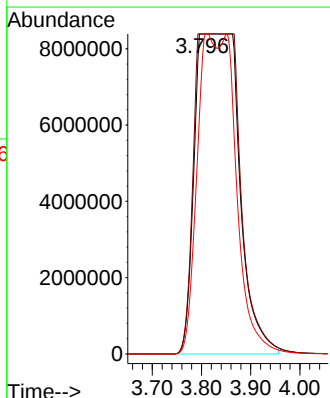
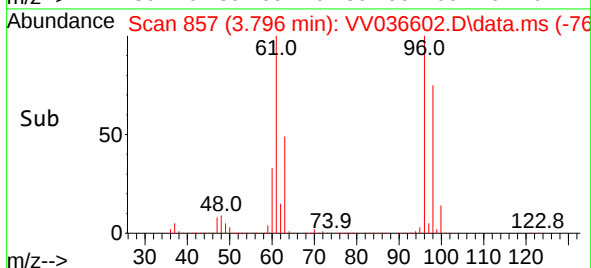
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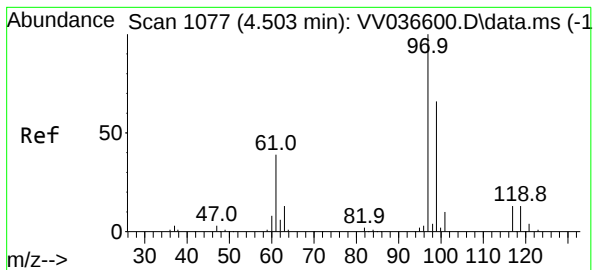


#20
cis-1,2-Dichloroethene
Concen: 5466.180 ug/L m
RT: 3.796 min Scan# 857
Delta R.T. -0.010 min
Lab File: VV036602.D
Acq: 18 Jul 2024 15:13



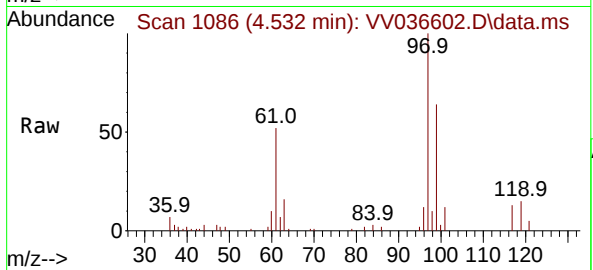
Tgt Ion: 96 Resp:52327361
Ion Ratio Lower Upper
96 100
61 100.0 74.8 138.8
98 74.6 45.2 84.0





#30
1,1,1-Trichloroethane
Concen: 4.069 ug/L m
RT: 4.532 min Scan# 1077
Delta R.T. 0.029 min
Lab File: VV036602.D
Acq: 18 Jul 2024 15:13

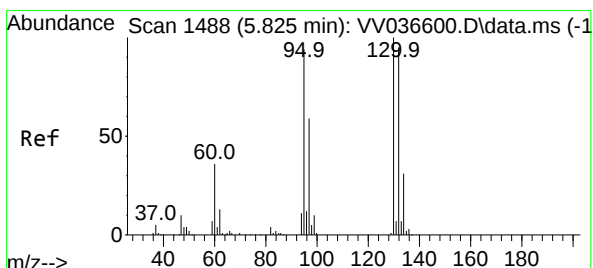
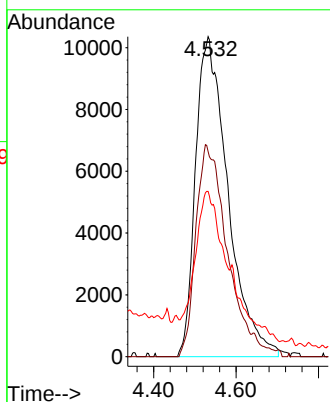
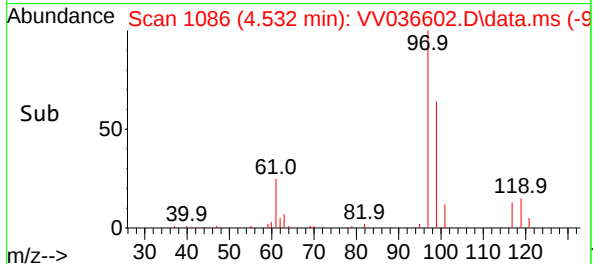
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Tgt Ion: 97 Resp: 56462
Ion Ratio Lower Upper
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99 62.2 51.9 77.9
61 23.4 32.2 48.4

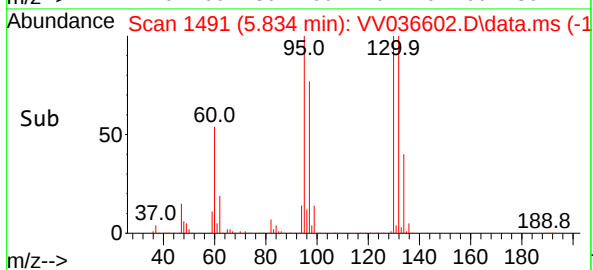
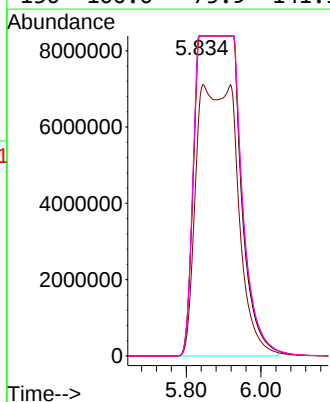
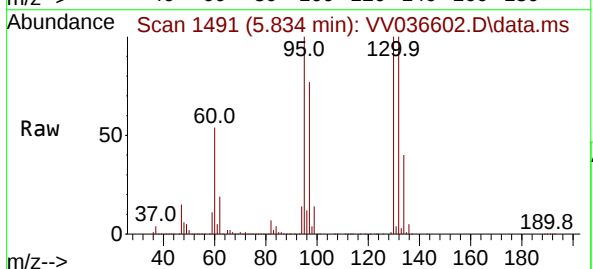
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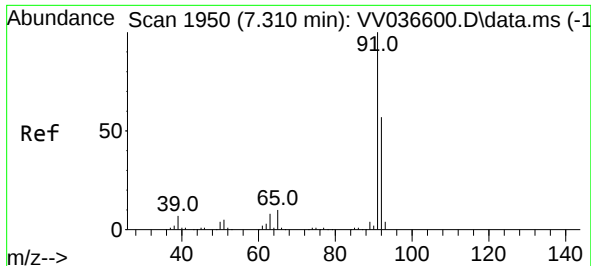
Reviewed By :Romaben Patel 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#34
Trichloroethene
Concen: 7495.617 ug/L m
RT: 5.834 min Scan# 1491
Delta R.T. 0.010 min
Lab File: VV036602.D
Acq: 18 Jul 2024 15:13

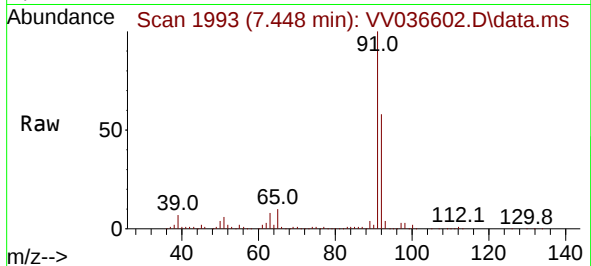
Tgt Ion: 95 Resp:70465227
Ion Ratio Lower Upper
95 100
97 76.8 44.4 82.4
132 100.0 73.0 135.6
130 100.0 75.9 141.1





#42
Toluene
Concen: 329.770 ug/L m
RT: 7.448 min Scan# 1950
Delta R.T. 0.138 min
Lab File: VV036602.D
Acq: 18 Jul 2024 15:13

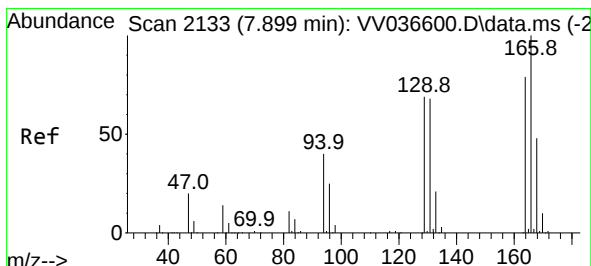
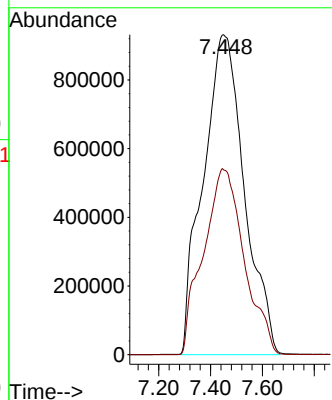
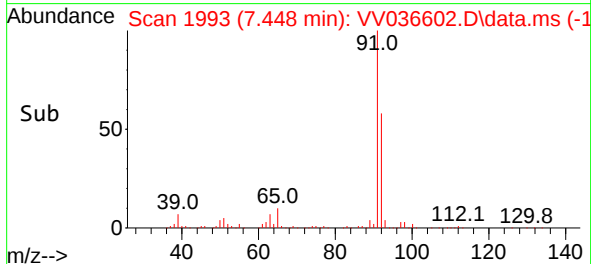
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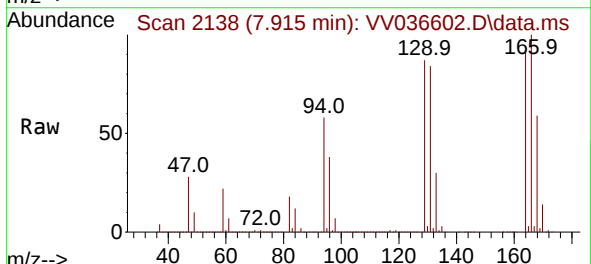
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Ion Ratio Lower Upper
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92 57.9 40.1 74.5

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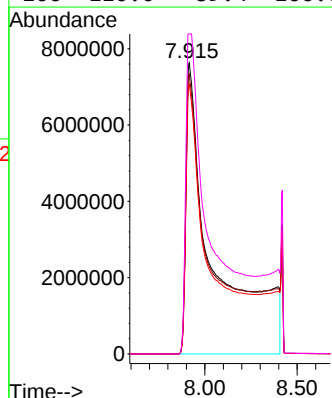
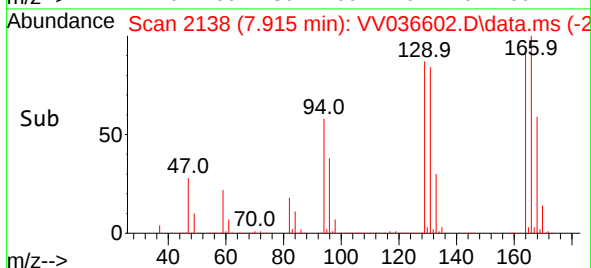
Reviewed By :Romaben Patel 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024

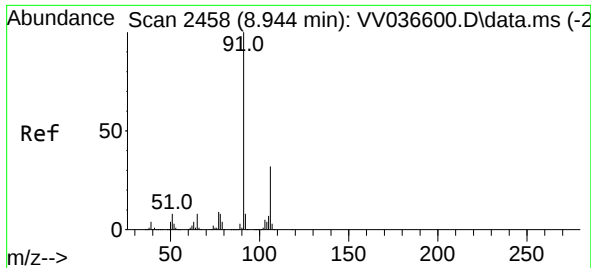


#46
Tetrachloroethene
Concen: 10417.876 ug/L m
RT: 7.915 min Scan# 2138
Delta R.T. 0.016 min
Lab File: VV036602.D
Acq: 18 Jul 2024 15:13



Tgt Ion:164 Resp:79187060
Ion Ratio Lower Upper
164 100
129 96.1 61.0 113.4
131 92.7 59.8 111.1
166 110.0 89.4 166.0





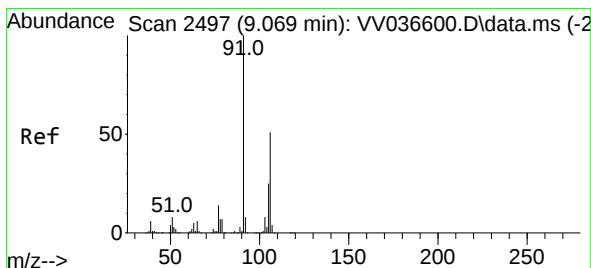
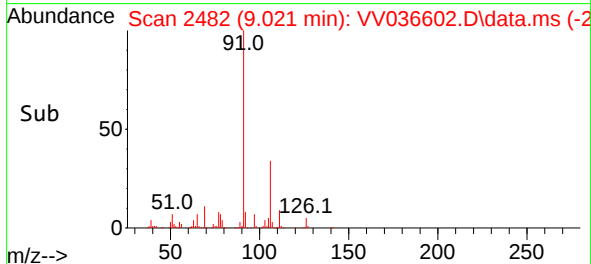
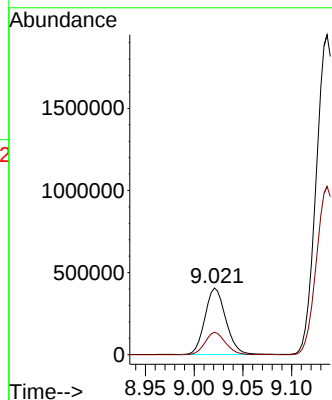
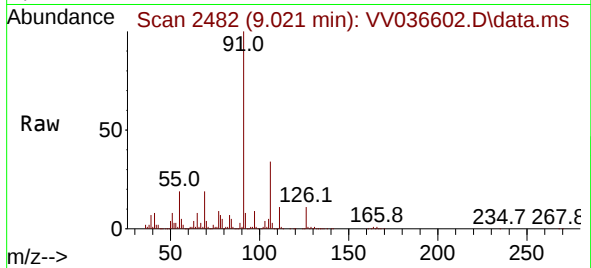
#52
Ethylbenzene
Concen: 17.877 ug/L
RT: 9.021 min Scan# 2458
Delta R.T. 0.077 min
Lab File: VV036602.D
Acq: 18 Jul 2024 15:13

Instrument :
MSVOA_V
ClientSampleId :
BHB26

Tgt Ion: 91 Resp: 600280
Ion Ratio Lower Upper
91 100
106 33.5 22.6 42.0

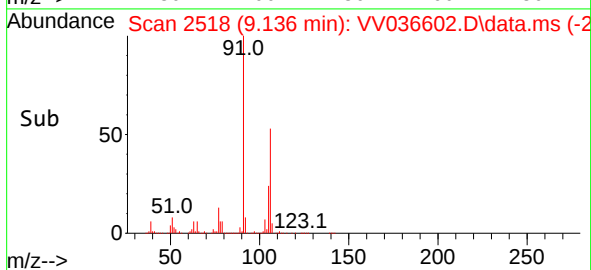
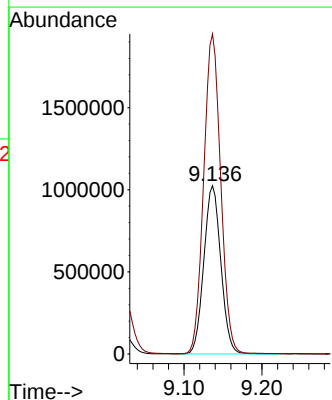
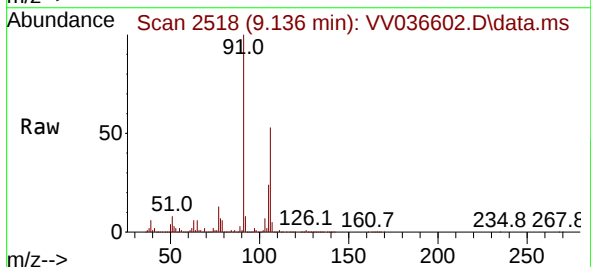
Manual Integrations
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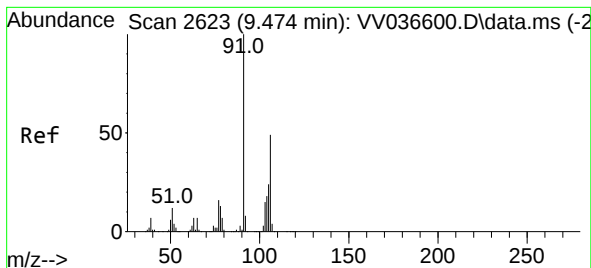
Reviewed By :Romaben Patel 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#53
m,p-Xylene
Concen: 119.813 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. 0.067 min
Lab File: VV036602.D
Acq: 18 Jul 2024 15:13

Tgt Ion:106 Resp: 1548960
Ion Ratio Lower Upper
106 100
91 190.1 137.1 254.7





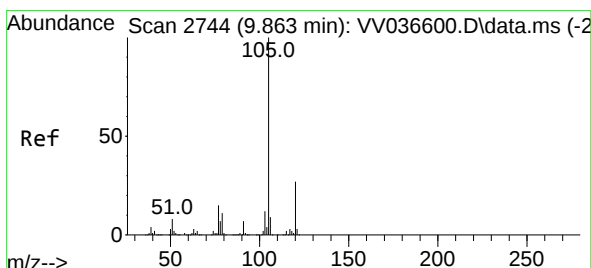
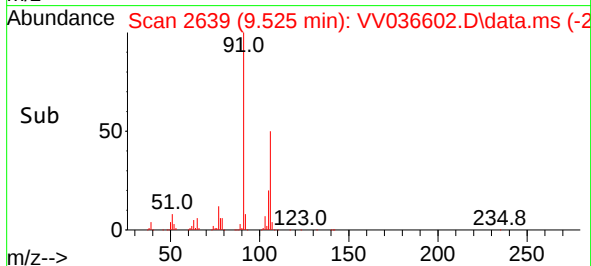
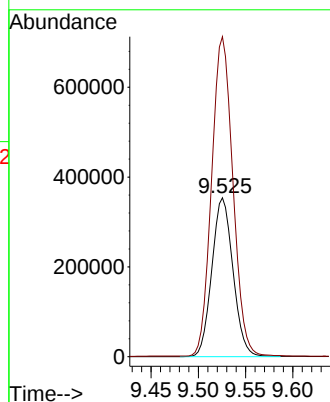
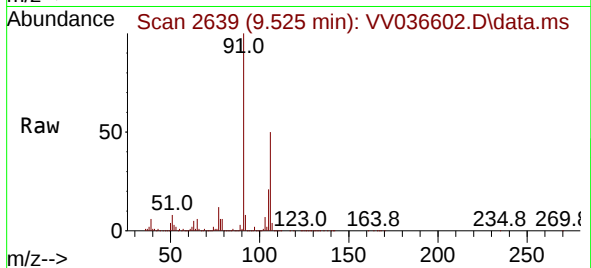
#54
o-Xylene
Concen: 44.744 ug/L
RT: 9.525 min Scan# 2639
Delta R.T. 0.051 min
Lab File: VV036602.D
Acq: 18 Jul 2024 15:13

Instrument :
MSVOA_V
ClientSampleId :
BHB26

Tgt Ion:106 Resp: 55074
Ion Ratio Lower Upper
106 100
91 201.4 147.3 273.6

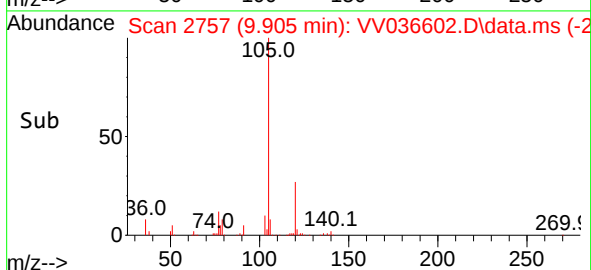
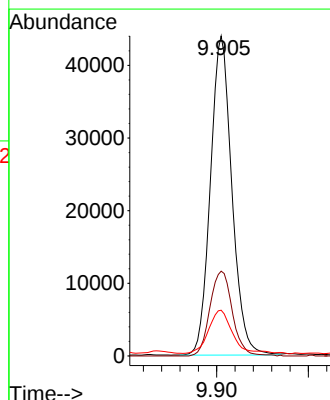
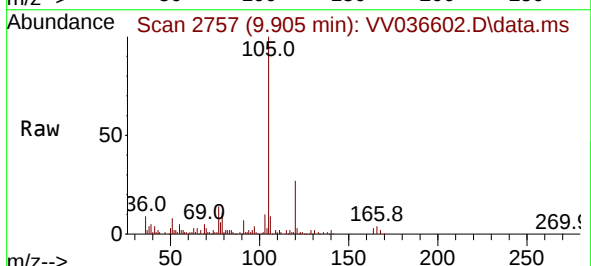
Manual Integrations
APPROVED

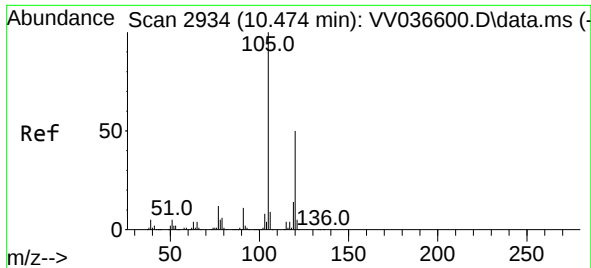
Reviewed By :Romaben Patel 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#60
Isopropylbenzene
Concen: 2.180 ug/L
RT: 9.905 min Scan# 2757
Delta R.T. 0.042 min
Lab File: VV036602.D
Acq: 18 Jul 2024 15:13

Tgt Ion:105 Resp: 71326
Ion Ratio Lower Upper
105 100
120 27.6 21.8 32.6
77 14.5 12.0 18.0





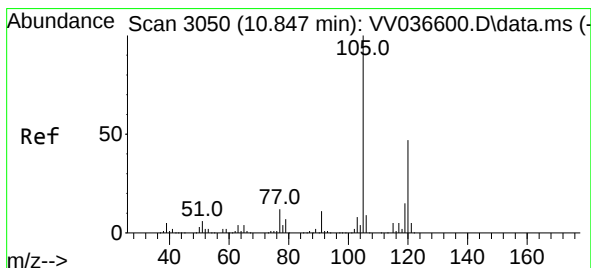
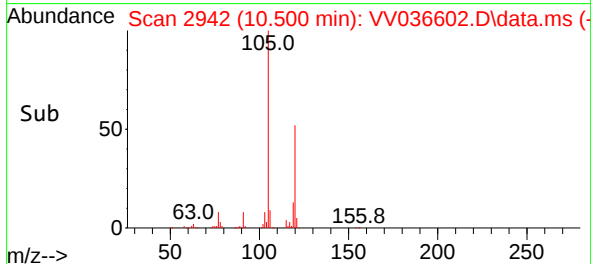
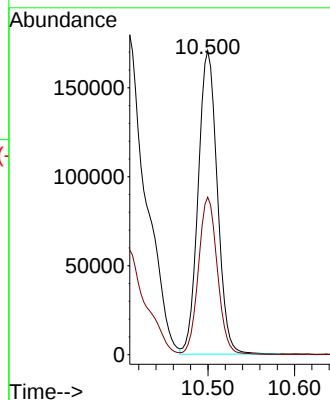
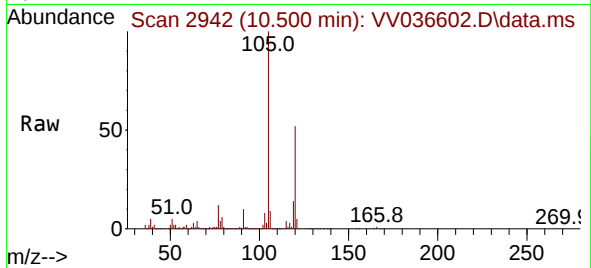
#62
1,3,5-Trimethylbenzene
Concen: 11.174 ug/L
RT: 10.500 min Scan# 2934
Delta R.T. 0.026 min
Lab File: VV036602.D
Acq: 18 Jul 2024 15:13

Instrument :
MSVOA_V
ClientSampleId :
BHB26

Tgt Ion:105 Resp: 261794
Ion Ratio Lower Upper
105 100
120 51.2 39.9 59.9

Manual Integrations
APPROVED

Reviewed By :Romaben Patel 07/19/2024
Supervised By :Mahesh Dadoda 07/22/2024



#63
1,2,4-Trimethylbenzene
Concen: 12.659 ug/L
RT: 10.869 min Scan# 3057
Delta R.T. 0.022 min
Lab File: VV036602.D
Acq: 18 Jul 2024 15:13

Tgt Ion:105 Resp: 322713
Ion Ratio Lower Upper
105 100
120 47.3 37.0 55.4

