

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052324\
 Data File : VV035692.D
 Acq On : 23 May 2024 10:45
 Operator : SY/MD
 Sample : P2566-07
 Misc : 4.46g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHHW6

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/24/2024
 Supervised By :Semsettin Yesilyurt 05/24/2024

Quant Time: May 24 01:46:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 24 01:44:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	325675	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	234820	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	58450	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	84879	16.862	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	67.440%		
7) Chloroethane-d5	1.526	69	81689	20.116	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	80.480%		
11) 1,1-Dichloroethene-d2	2.050	65	36764	16.497	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	66.000%		
21) 2-Butanone-d5	3.863	46	28461m	19.923	ug/L	0.04
Spiked Amount 50.000	Range 20 - 135		Recovery =	39.840%		
24) Chloroform-d	4.246	84	201339	20.795	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	83.160%		
26) 1,2-Dichloroethane-d4	4.941	65	118332	24.722	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	98.880%		
32) Benzene-d6	4.957	84	329524	25.636	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	102.560%		
36) 1,2-Dichloropropane-d6	5.989	67	125282	31.583	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	126.320%#		
41) Toluene-d8	7.243	98	210083	18.364	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	73.440%		
43) trans-1,3-Dichloroprop...	7.564	79	18582	10.953	ug/L	0.01
Spiked Amount 25.000	Range 30 - 135		Recovery =	43.800%		
47) 2-Hexanone-d5	8.047	63	8737	12.249	ug/L	0.02
Spiked Amount 50.000	Range 20 - 135		Recovery =	24.500%		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	102880	26.915	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	107.640%		
66) 1,2-Dichlorobenzene-d4	11.561	152	44156	21.768	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	87.080%		
Target Compounds					Qvalue	
13) Acetone	2.159	43	26969m	12.897	ug/L	
15) Methyl Acetate	2.388	43	22325m	7.047	ug/L	
16) Methylene chloride	2.442	84	37869	5.042	ug/L	92
53) m,p-Xylene	9.079	106	6402	0.929	ug/L	95
54) o-Xylene	9.484	106	3910	0.599	ug/L	98
62) 1,3,5-Trimethylbenzene	10.477	105	6354	1.040	ug/L	98
63) 1,2,4-Trimethylbenzene	10.854	105	16939	2.699	ug/L	99

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

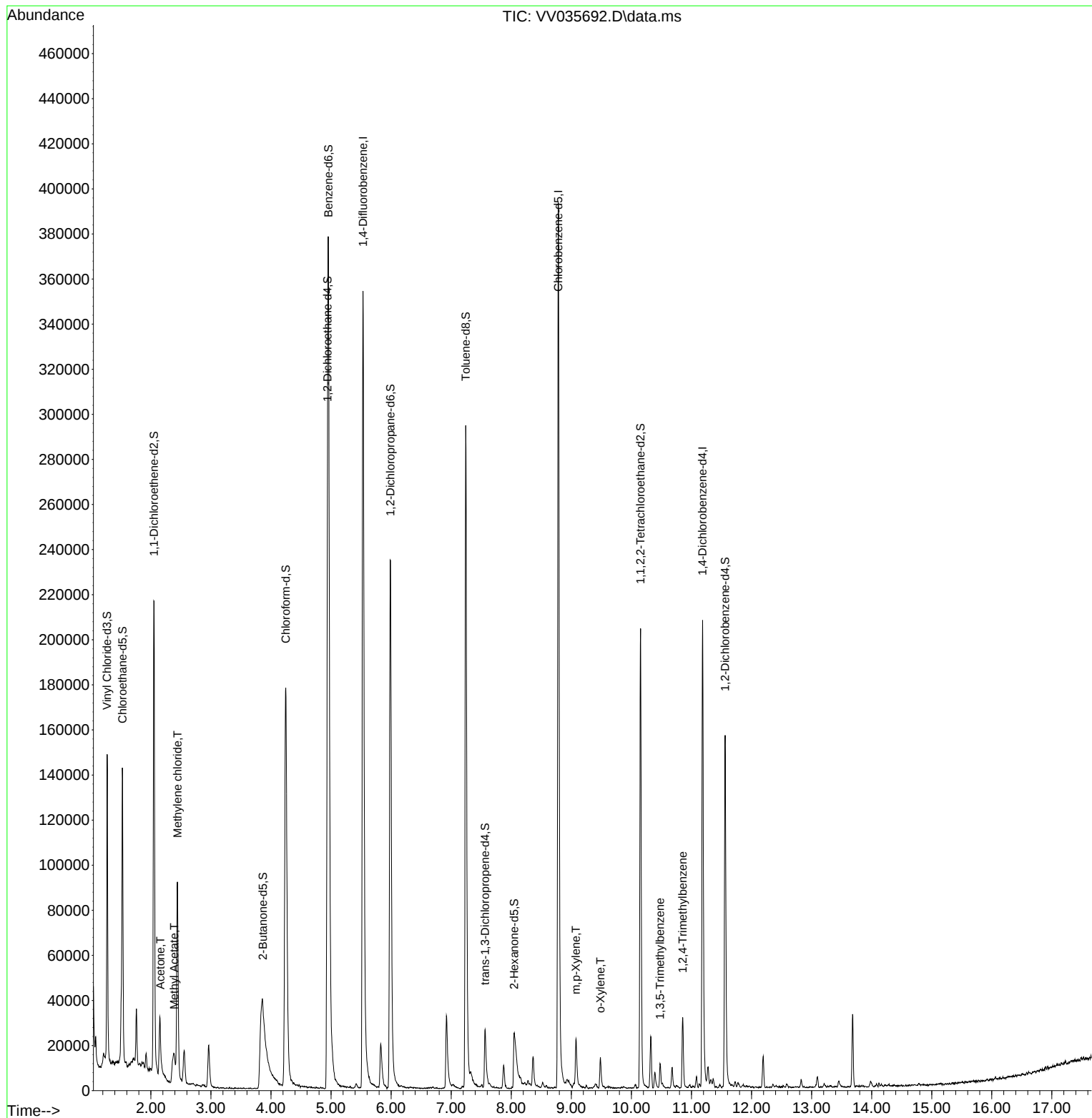
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052324\
Data File : VV035692.D
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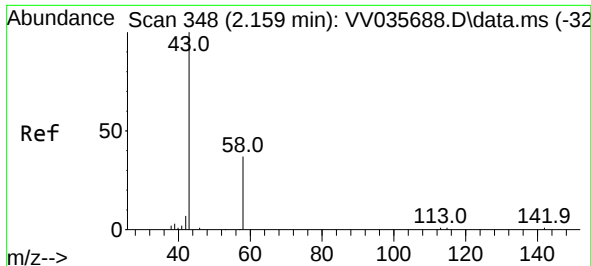
Instrument :
MSVOA_V
ClientSampleId :
BHHW6

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Quant Title : VOC Analysis
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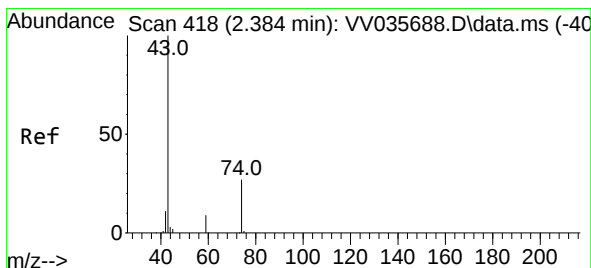
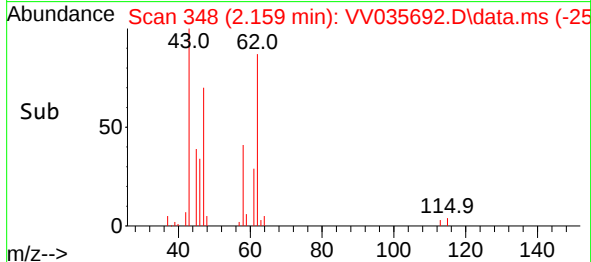
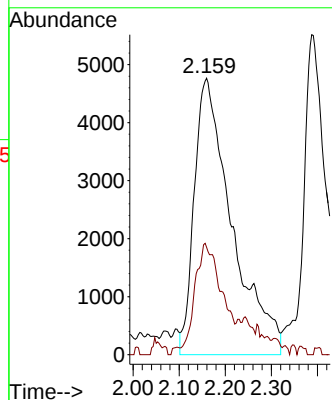
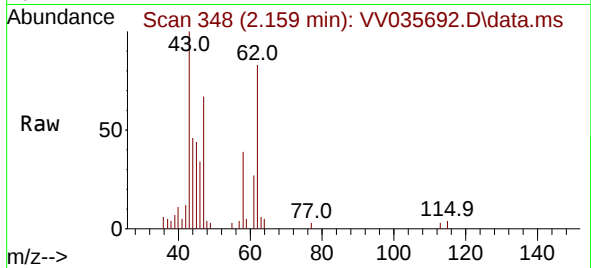
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Acetone
Concen: 12.897 ug/L m
RT: 2.159 min Scan# 348
Delta R.T. 0.000 min
Lab File: VV035692.D
Acq: 23 May 2024 10:45

Instrument :
MSVOA_V
ClientSampleId :
BHHW6

Tgt Ion: 43 Resp: 2696
Ion Ratio Lower Upper
43 100
58 14.9 0.0 22.8

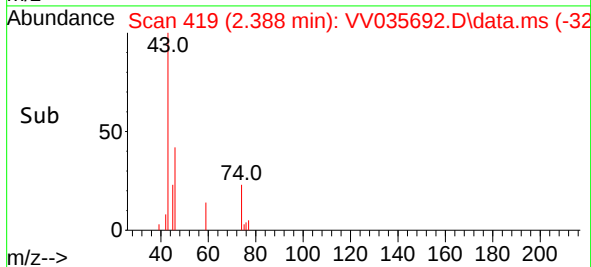
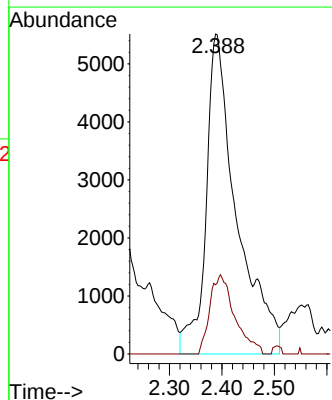
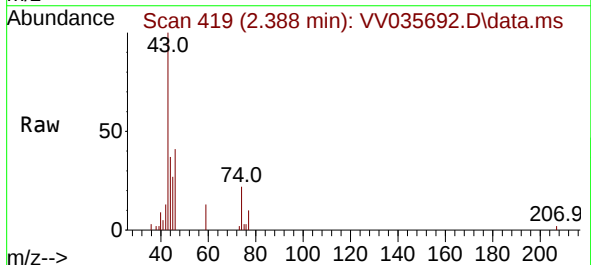
Manual Integrations
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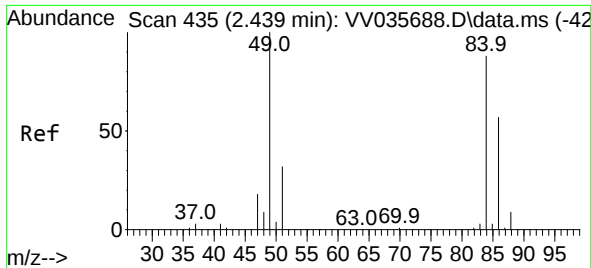
Reviewed By :Mahesh Dadoda 05/24/2024
Supervised By :Semsettin Yesilyurt 05/24/2024



#15
Methyl Acetate
Concen: 7.047 ug/L m
RT: 2.388 min Scan# 419
Delta R.T. 0.003 min
Lab File: VV035692.D
Acq: 23 May 2024 10:45

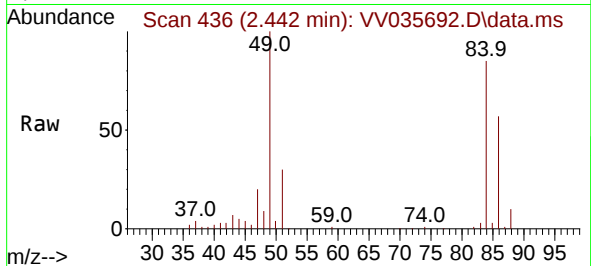
Tgt Ion: 43 Resp: 22325
Ion Ratio Lower Upper
43 100
74 5.7 18.6 27.8#





#16
Methylene chloride
Concen: 5.042 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV035692.D
Acq: 23 May 2024 10:45

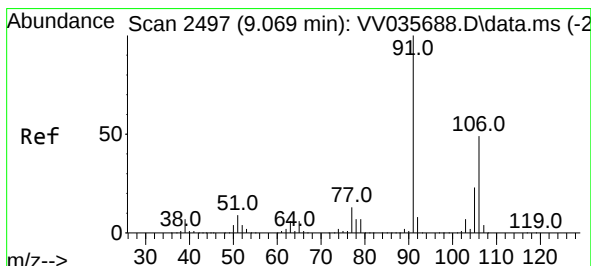
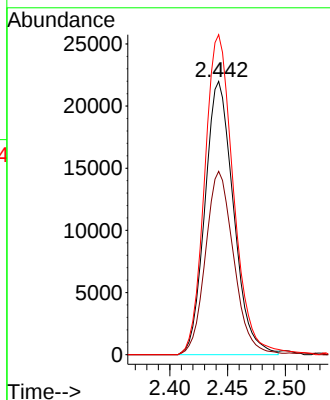
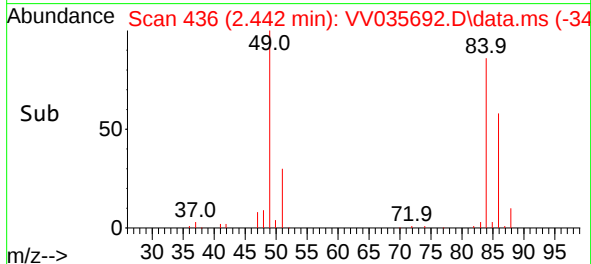
Instrument :
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ClientSampleId :
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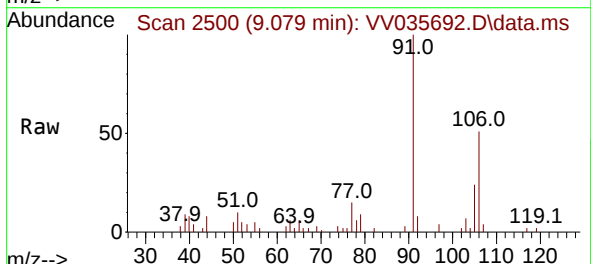
Tgt Ion: 84 Resp: 3786
Ion Ratio Lower Upper
84 100
86 67.1 43.8 81.3
49 117.1 75.3 139.9

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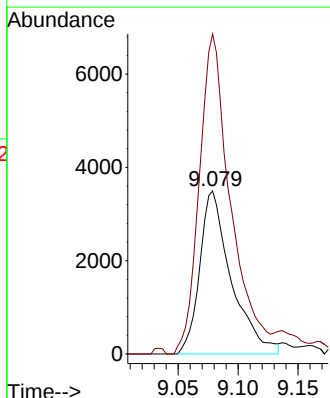
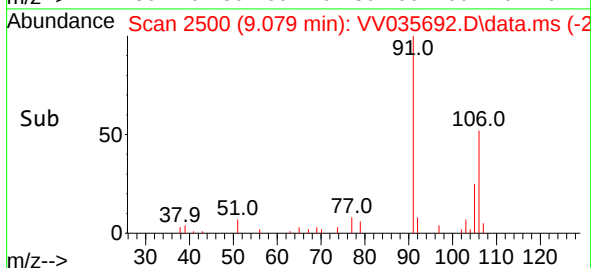
Reviewed By :Mahesh Dadoda 05/24/2024
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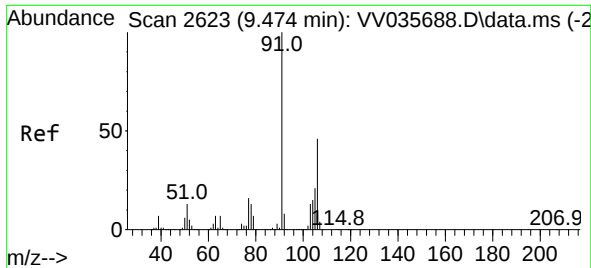


#53
m,p-Xylene
Concen: 0.929 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. 0.010 min
Lab File: VV035692.D
Acq: 23 May 2024 10:45



Tgt Ion:106 Resp: 6402
Ion Ratio Lower Upper
106 100
91 196.3 142.7 264.9





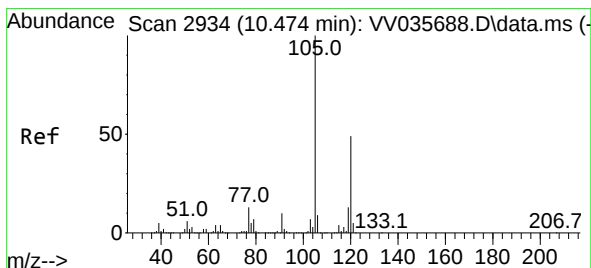
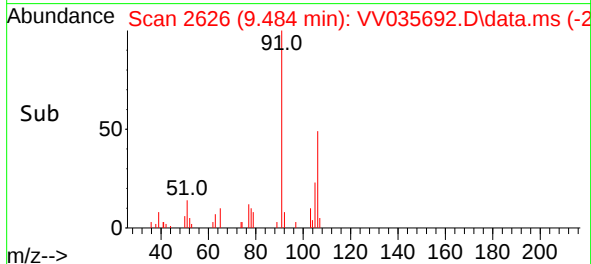
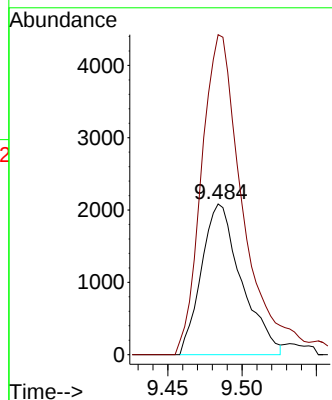
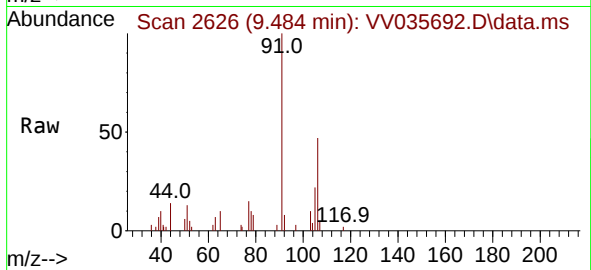
#54
o-Xylene
Concen: 0.599 ug/L
RT: 9.484 min Scan# 206
Delta R.T. 0.010 min
Lab File: VV035692.D
Acq: 23 May 2024 10:45

Instrument :
MSVOA_V
ClientSampleId :
BHHW6

Tgt Ion:106 Resp: 3910
Ion Ratio Lower Upper
106 100
91 212.3 150.9 280.3

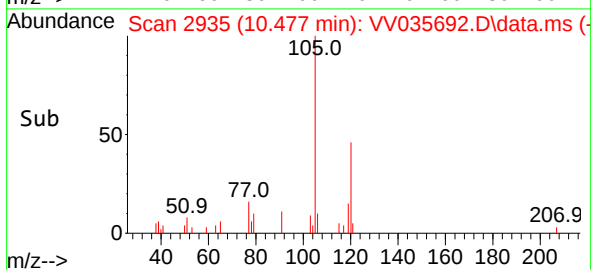
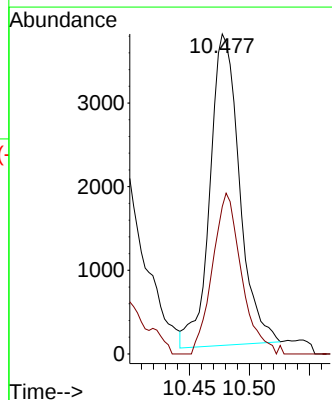
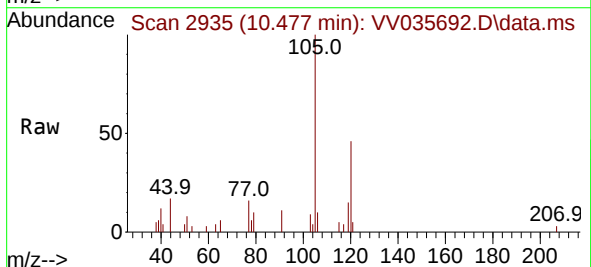
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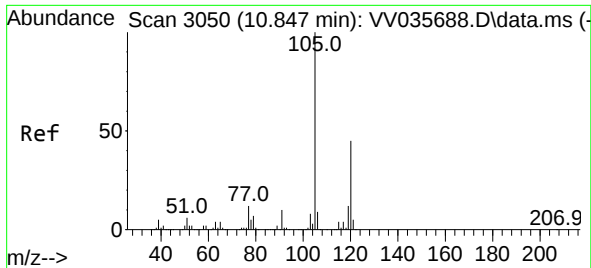
Reviewed By :Mahesh Dadoda 05/24/2024
Supervised By :Semsettin Yesilyurt 05/24/2024



#62
1,3,5-Trimethylbenzene
Concen: 1.040 ug/L
RT: 10.477 min Scan# 2935
Delta R.T. 0.003 min
Lab File: VV035692.D
Acq: 23 May 2024 10:45

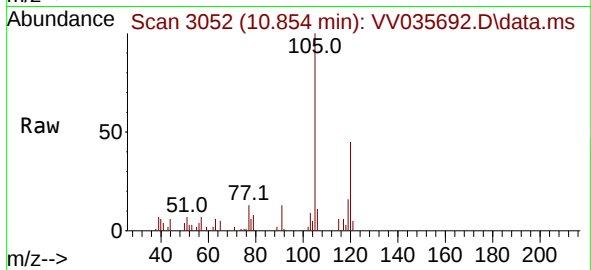
Tgt Ion:105 Resp: 6354
Ion Ratio Lower Upper
105 100
120 50.6 39.4 59.0





#63
 1,2,4-Trimethylbenzene
 Concen: 2.699 ug/L
 RT: 10.854 min Scan# 3052
 Delta R.T. 0.007 min
 Lab File: VV035692.D
 Acq: 23 May 2024 10:45

Instrument :
 MSVOA_V
 ClientSampleId :
 BHHW6



Tgt Ion:105 Resp: 16939
 Ion Ratio Lower Upper
 105 100
 120 45.1 36.6 55.0

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