

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052424\
 Data File : VV035743.D
 Acq On : 24 May 2024 13:53
 Operator : SY/MD
 Sample : P2566-06
 Misc : 3.44g/10.0mL/MSVOA_V/SOIL/VIAL B
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHHW1

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 05/28/2024
 Supervised By : Mahesh Dadoda 05/28/2024

Quant Time: May 24 23:46:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 24 23:42:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	493812	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	502131	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	236018	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	189909	24.882	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	99.520%		
7) Chloroethane-d5	1.529	69	146046	23.719	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	94.880%		
11) 1,1-Dichloroethene-d2	2.053	65	77463	22.925	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	91.680%		
21) 2-Butanone-d5	3.857	46	67360m	31.098	ug/L	0.02
Spiked Amount 50.000	Range 20 - 135		Recovery =	62.200%		
24) Chloroform-d	4.246	84	273214	18.610	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	74.440%		
26) 1,2-Dichloroethane-d4	4.941	65	161111	22.199	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	88.800%		
32) Benzene-d6	4.957	84	589602	21.451	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	85.800%		
36) 1,2-Dichloropropane-d6	5.986	67	186740	22.015	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	88.040%		
41) Toluene-d8	7.243	98	494115	20.198	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	80.800%		
43) trans-1,3-Dichloroprop...	7.555	79	69512	19.161	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	76.640%		
47) 2-Hexanone-d5	8.034	63	39524	25.912	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	51.820%		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	92931	11.369	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	45.480%		
66) 1,2-Dichlorobenzene-d4	11.558	152	177831	21.711	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	86.840%		
Target Compounds						
13) Acetone	2.169	43	17282m	5.450	ug/L	
16) Methylene chloride	2.446	84	43984	3.863	ug/L	98
20) cis-1,2-Dichloroethene	3.828	96	4785	0.513	ug/L	92
25) Chloroform	4.278	83	32019	1.923	ug/L	93
34) Trichloroethene	5.831	95	78281	8.327	ug/L	98
52) Ethylbenzene	8.953	91	13974	0.360	ug/L	91
53) m,p-Xylene	9.072	106	23694	1.608	ug/L	99
54) o-Xylene	9.484	106	8682	0.622	ug/L	97
62) 1,3,5-Trimethylbenzene	10.477	105	22378	0.907	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	57378	2.264	ug/L	100

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

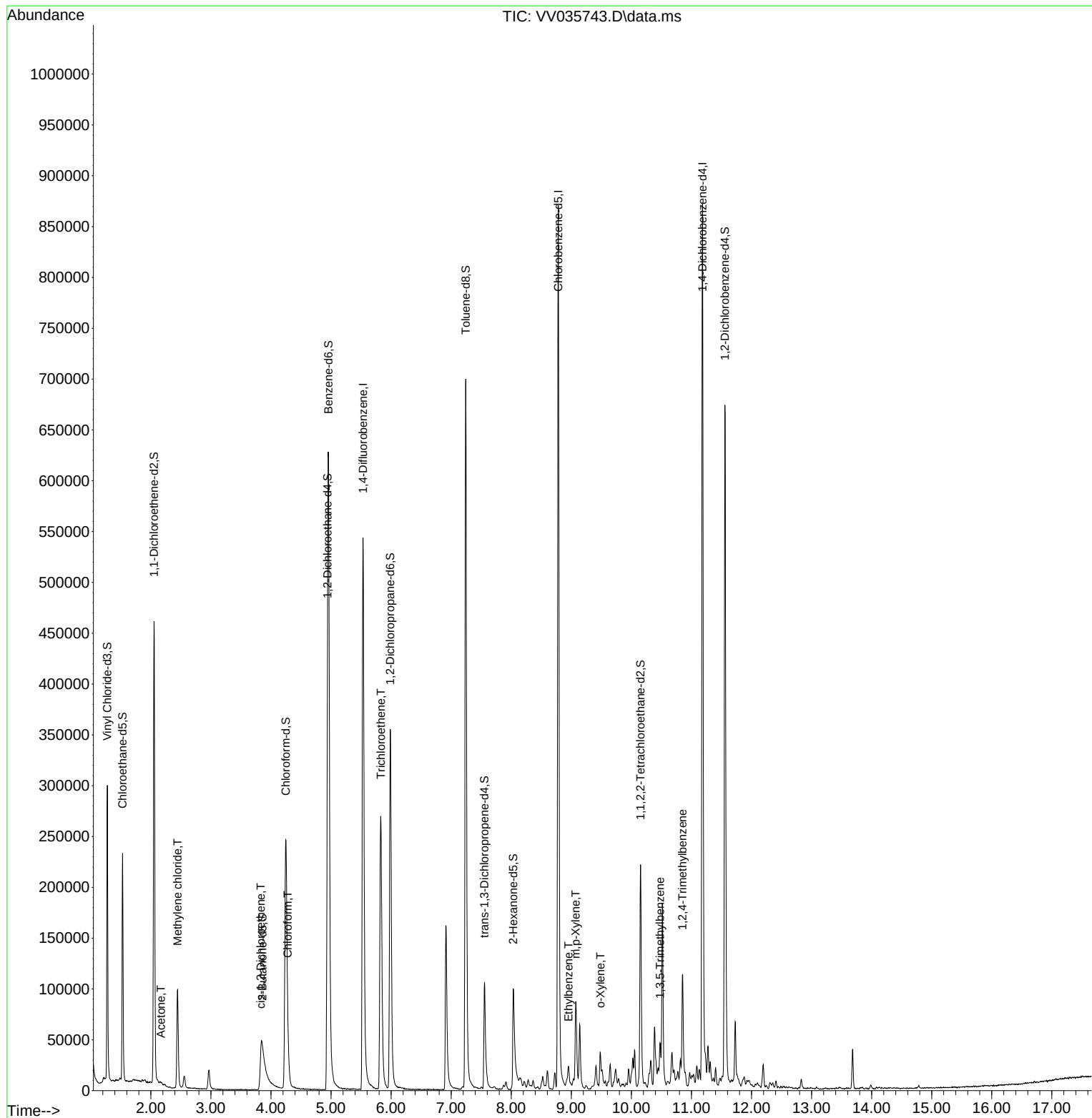
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052424\
Data File : VV035743.D
Acq On : 24 May 2024 13:53
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ALS Vial : 14 Sample Multiplier: 1

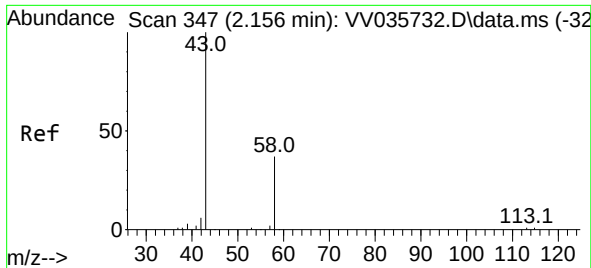
Instrument :
MSVOA_V
ClientSampleId :
BHHW1

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 24 23:42:56 2024
Response via : Initial Calibration





#13

Acetone

Concen: 5.450 ug/L m

RT: 2.169 min Scan# 3

Delta R.T. 0.013 min

Lab File: VV035743.D

Acq: 24 May 2024 13:53

Instrument :

MSVOA_V

ClientSampleId :

BHHW1

Tgt Ion: 43 Resp: 1728

Ion Ratio Lower Upper

43 100

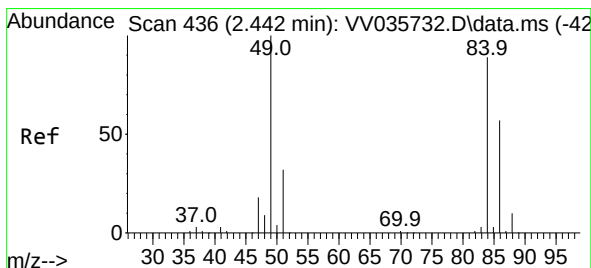
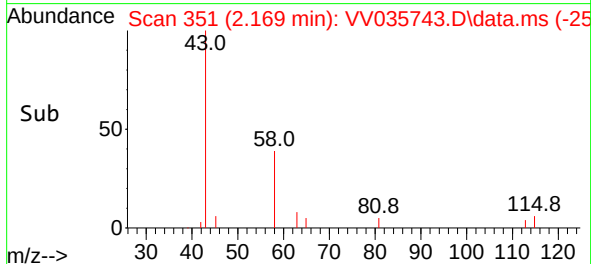
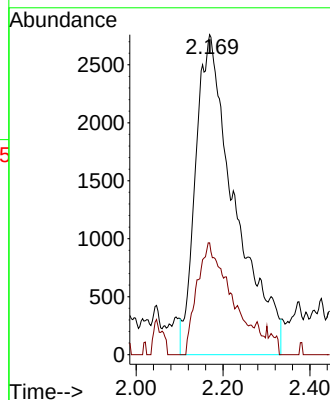
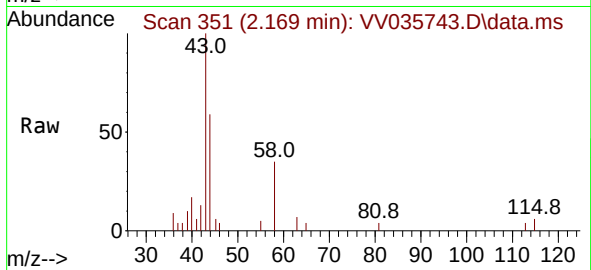
58 2.1 0.0 22.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/28/2024

Supervised By :Mahesh Dadoda 05/28/2024



#16

Methylene chloride

Concen: 3.863 ug/L

RT: 2.446 min Scan# 437

Delta R.T. 0.003 min

Lab File: VV035743.D

Acq: 24 May 2024 13:53

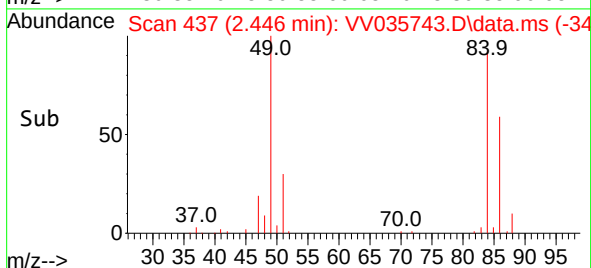
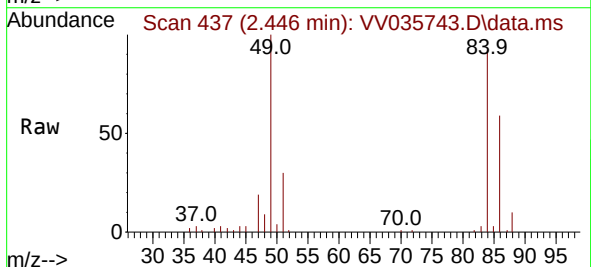
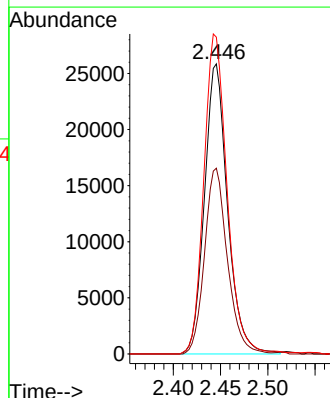
Tgt Ion: 84 Resp: 43984

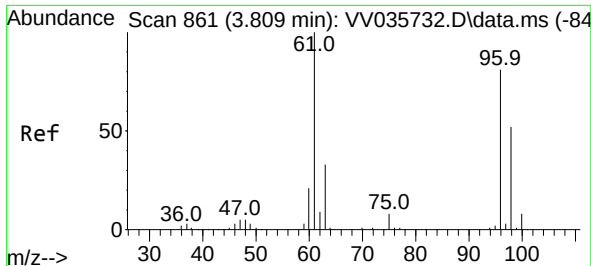
Ion Ratio Lower Upper

84 100

86 64.1 43.8 81.3

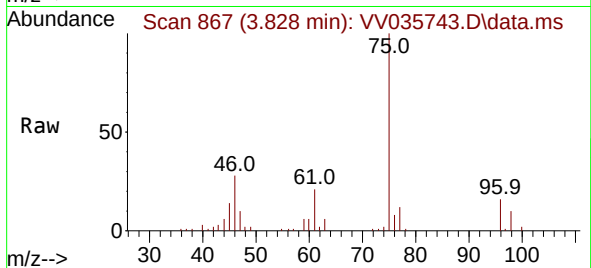
49 109.3 75.3 139.9





#20
cis-1,2-Dichloroethene
Concen: 0.513 ug/L
RT: 3.828 min Scan# 80
Delta R.T. 0.019 min
Lab File: VV035743.D
Acq: 24 May 2024 13:53

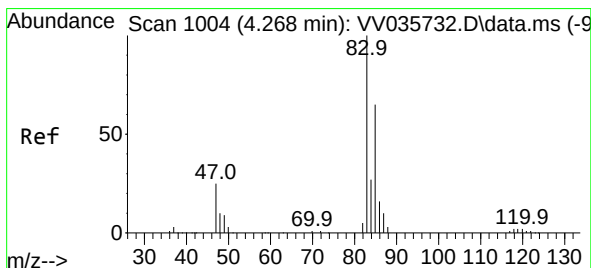
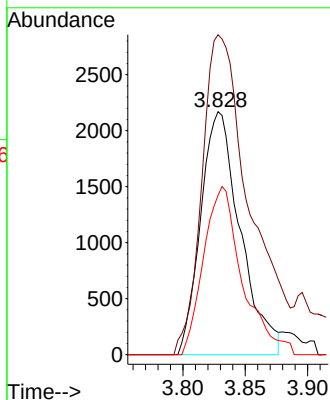
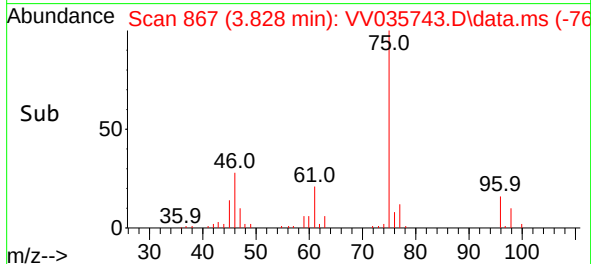
Instrument :
MSVOA_V
ClientSampleId :
BHHW1



Tgt Ion: 96 Resp: 478
Ion Ratio Lower Upper
96 100
61 131.7 83.9 155.9
98 65.5 44.0 81.8

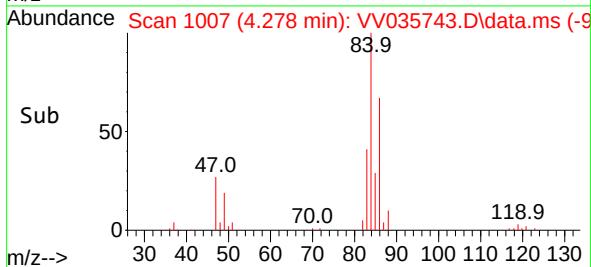
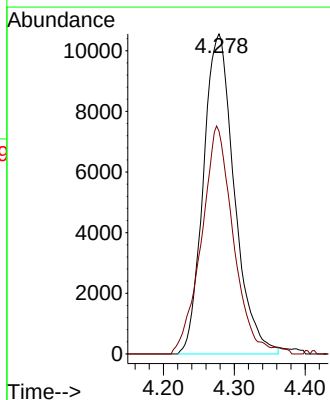
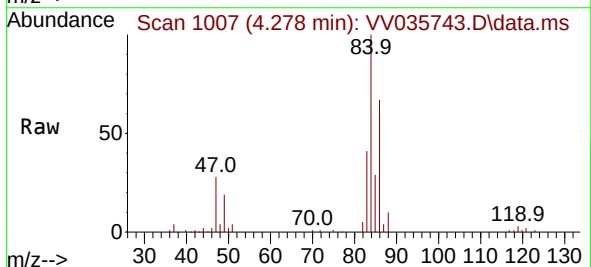
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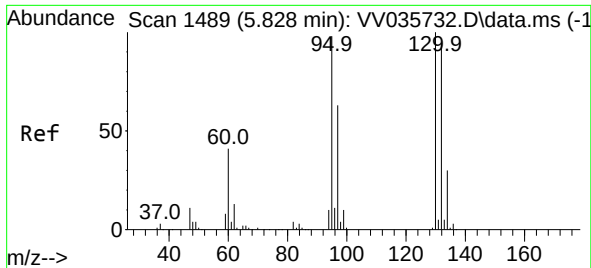
Reviewed By :Semsettin Yesilyurt 05/28/2024
Supervised By :Mahesh Dadoda 05/28/2024



#25
Chloroform
Concen: 1.923 ug/L
RT: 4.278 min Scan# 1007
Delta R.T. 0.010 min
Lab File: VV035743.D
Acq: 24 May 2024 13:53

Tgt Ion: 83 Resp: 32019
Ion Ratio Lower Upper
83 100
85 69.6 44.7 82.9





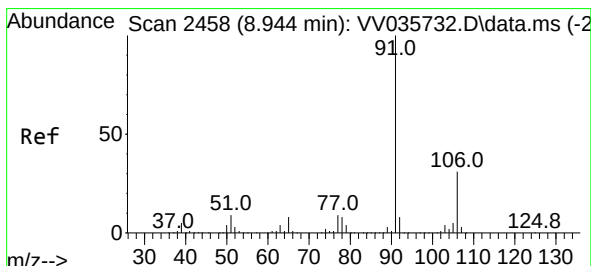
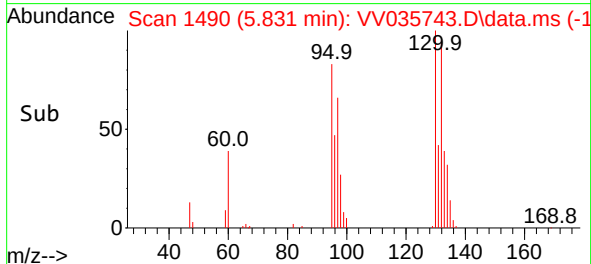
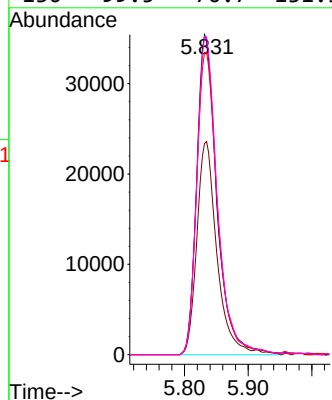
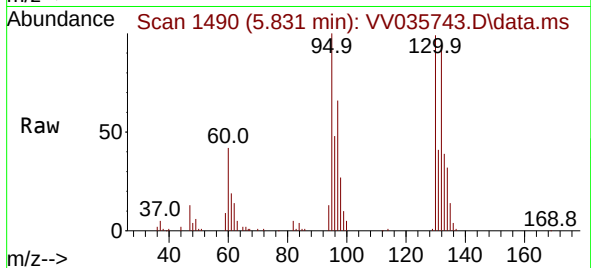
#34
Trichloroethene
Concen: 8.327 ug/L
RT: 5.831 min Scan# 1489
Delta R.T. 0.003 min
Lab File: VV035743.D
Acq: 24 May 2024 13:53

Instrument :
MSVOA_V
ClientSampleId :
BHHW1

Tgt Ion: 95	Resp: 7828
Ion Ratio	Lower Upper
95 100	
97 66.0	43.8 81.4
132 94.4	67.1 124.7
130 99.5	70.7 131.3

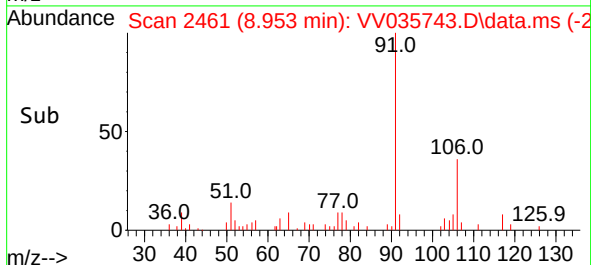
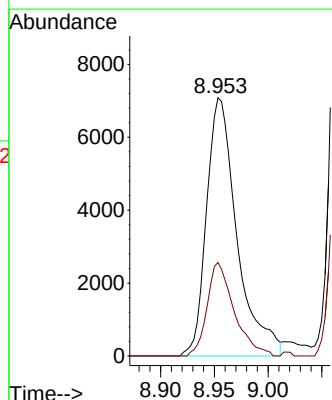
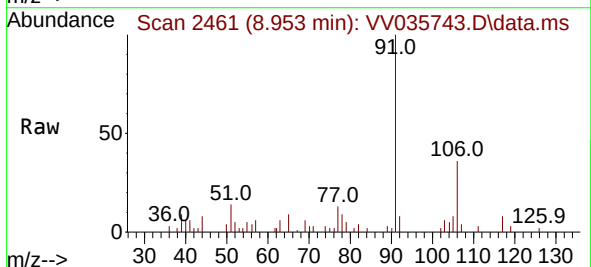
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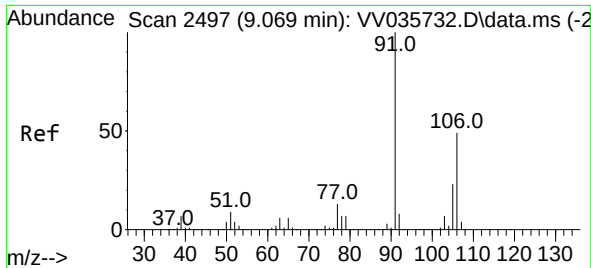
Reviewed By :Semsettin Yesilyurt 05/28/2024
Supervised By :Mahesh Dadoda 05/28/2024



#52
Ethylbenzene
Concen: 0.360 ug/L
RT: 8.953 min Scan# 2461
Delta R.T. 0.010 min
Lab File: VV035743.D
Acq: 24 May 2024 13:53

Tgt Ion: 91	Resp: 13974		
Ion Ratio	Lower	Upper	
91 100			
106 36.2	21.7	40.3	





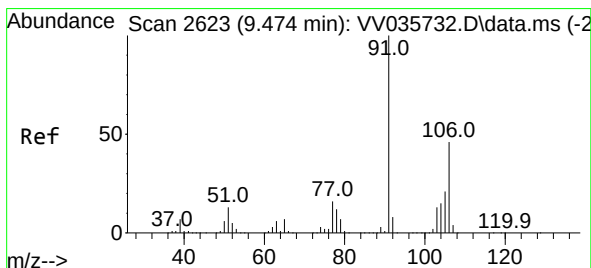
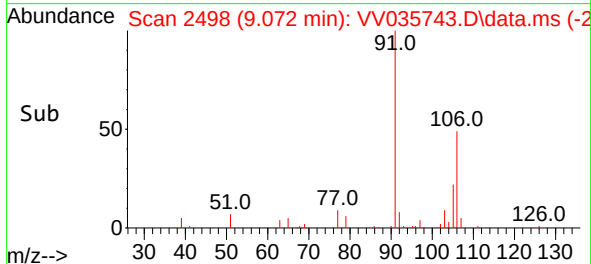
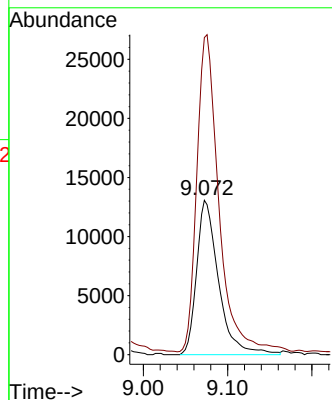
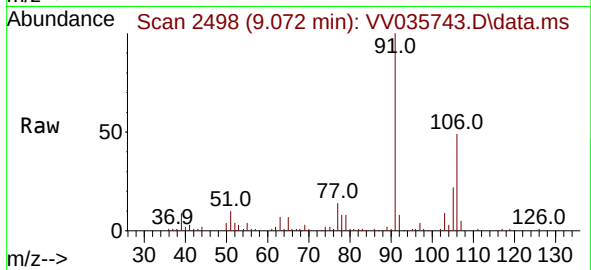
#53
m,p-Xylene
Concen: 1.608 ug/L
RT: 9.072 min Scan# 2497
Delta R.T. 0.003 min
Lab File: VV035743.D
Acq: 24 May 2024 13:53

Instrument :
MSVOA_V
ClientSampleId :
BHHW1

Tgt Ion:106 Resp: 23694
Ion Ratio Lower Upper
106 100
91 205.4 142.7 264.9

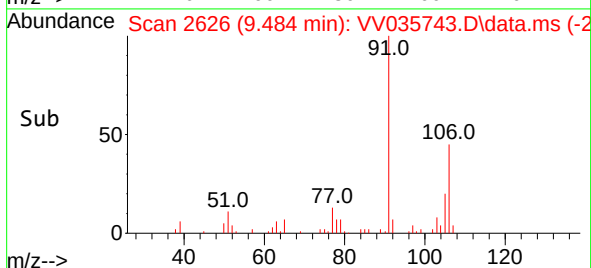
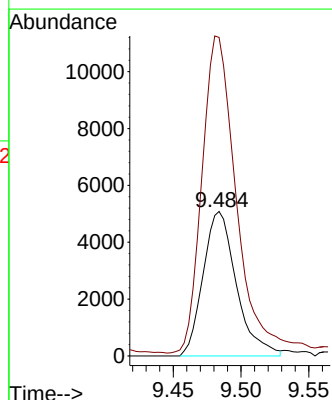
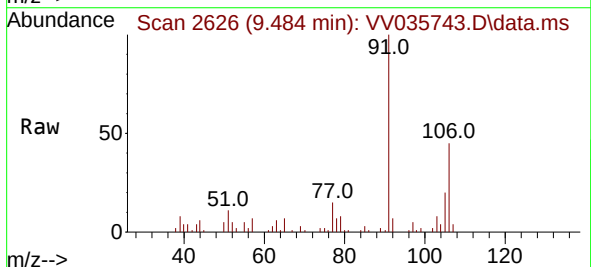
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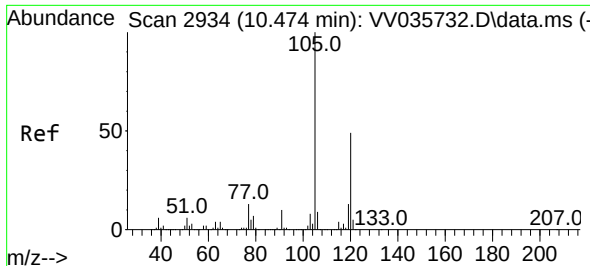
Reviewed By :Semsettin Yesilyurt 05/28/2024
Supervised By :Mahesh Dadoda 05/28/2024



#54
o-Xylene
Concen: 0.622 ug/L
RT: 9.484 min Scan# 2626
Delta R.T. 0.010 min
Lab File: VV035743.D
Acq: 24 May 2024 13:53

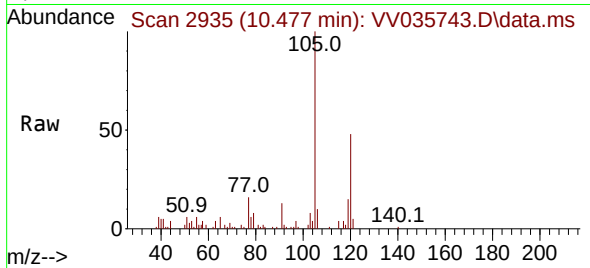
Tgt Ion:106 Resp: 8682
Ion Ratio Lower Upper
106 100
91 220.6 150.9 280.3





#62
1,3,5-Trimethylbenzene
Concen: 0.907 ug/L
RT: 10.477 min Scan# 2934
Delta R.T. 0.003 min
Lab File: VV035743.D
Acq: 24 May 2024 13:53

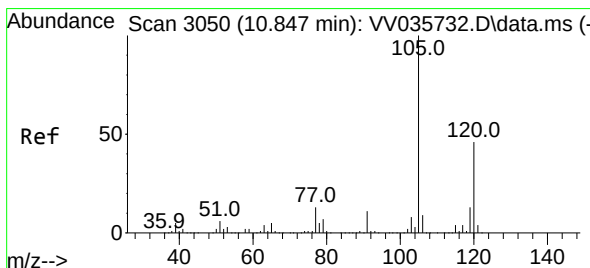
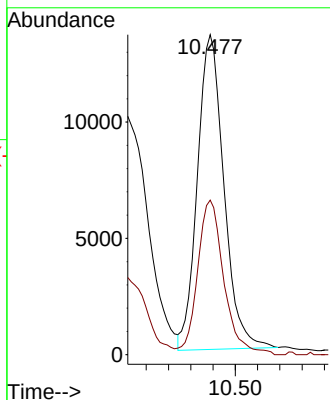
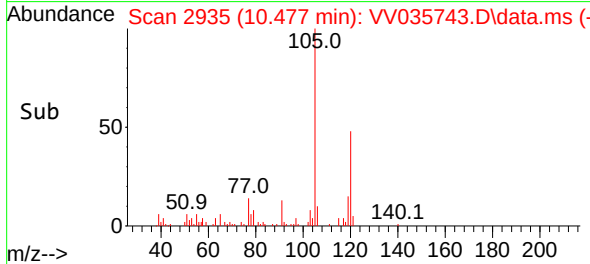
Instrument :
MSVOA_V
ClientSampleId :
BHHW1



Tgt Ion:105 Resp: 22378
Ion Ratio Lower Upper
105 100
120 48.8 39.4 59.0

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#63
1,2,4-Trimethylbenzene
Concen: 2.264 ug/L
RT: 10.850 min Scan# 3051
Delta R.T. 0.003 min
Lab File: VV035743.D
Acq: 24 May 2024 13:53

Tgt Ion:105 Resp: 57378
Ion Ratio Lower Upper
105 100
120 45.9 36.6 55.0

