

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042224\
 Data File : VW035326.D
 Acq On : 22 Apr 2024 12:35
 Operator : SY/MD
 Sample : P2182-12 100X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MCORE5

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/26/2024
 Supervised By :Semsettin Yesilyurt 04/26/2024

Quant Time: Apr 23 00:29:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 23 00:28:07 2024
 Response via : Initial Calibration

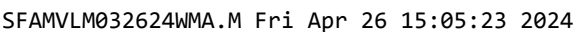
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

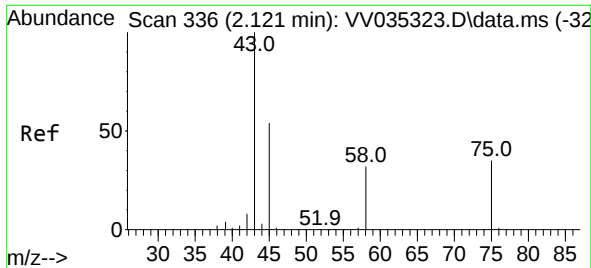
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	259017	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	234239	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	97778	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	81556	32.603	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	65.200%		
7) Chloroethane-d5	1.532	69	92602	42.621	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	85.240%		
11) 1,1-Dichloroethene-d2	2.060	65	30624	27.928	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	55.860%#		
21) 2-Butanone-d5	3.857	46	12551m	8.460	ug/L	0.07
Spiked Amount 100.000	Range 40 - 130		Recovery =	8.460%#		
24) Chloroform-d	4.249	84	231981	55.158	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	110.320%		
26) 1,2-Dichloroethane-d4	4.940	65	169773	63.580	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	127.160%#		
32) Benzene-d6	4.960	84	385142	48.949	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.900%		
36) 1,2-Dichloropropane-d6	5.989	67	154226	61.726	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	123.460%#		
41) Toluene-d8	7.243	98	253532	35.779	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	71.560%#		
43) trans-1,3-Dichloroprop...	7.555	79	50398	41.492	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	82.980%		
47) 2-Hexanone-d5	8.027	63	58593	62.026	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	62.030%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	253815	73.769	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	147.540%#		
66) 1,2-Dichlorobenzene-d4	11.558	152	118014m	53.757	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	107.520%		
Target Compounds						
13) Acetone	2.130	43	6152	4.517	ug/L	100
33) Benzene	5.005	78	3782014	495.144	ug/L	100
51) Chlorobenzene	8.812	112	6384192	1231.800	ug/L	97
64) 1,3-Dichlorobenzene	11.117	146	61110	18.551	ug/L	98
65) 1,4-Dichlorobenzene	11.204	146	1475390	440.430	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	1559307	475.176	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	41876	19.202	ug/L	97
72) 1,2,3-Trichlorobenzene	13.680	180	11408	5.307	ug/L	98

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

Manual Integrations

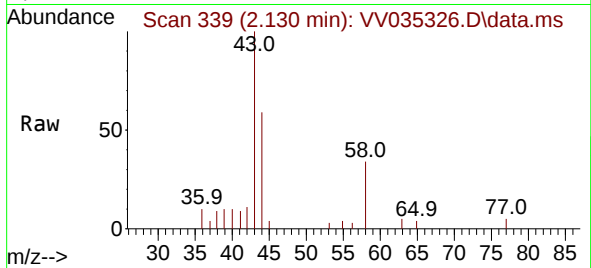
Quant Time: Apr 23 00:29:18 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 23 00:28:07 2024
Response via : Initial Calibration





#13
Acetone
Concen: 4.517 ug/L
RT: 2.130 min Scan# 31
Delta R.T. 0.009 min
Lab File: VV035326.D
Acq: 22 Apr 2024 12:35

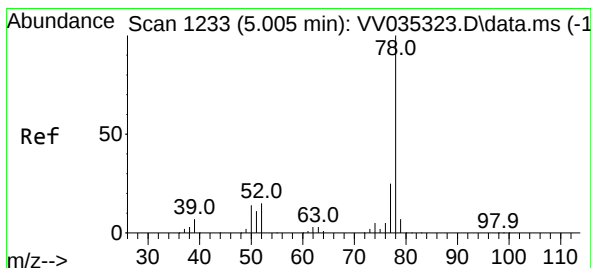
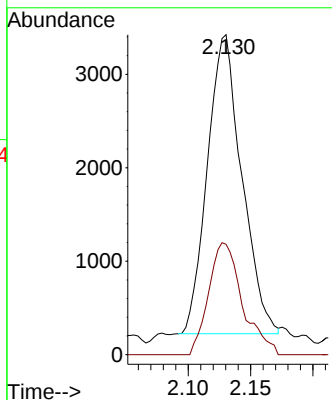
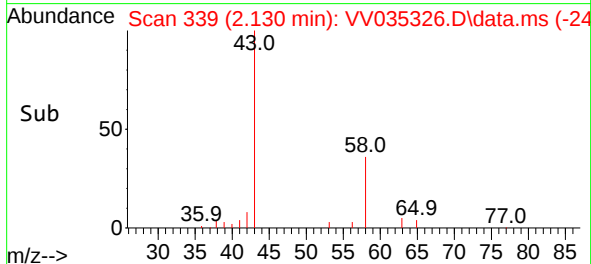
Instrument :
MSVOA_V
ClientSampleId :
MCORE5



Tgt Ion: 43 Resp: 6152
Ion Ratio Lower Upper
43 100
58 32.8 0.0 66.0

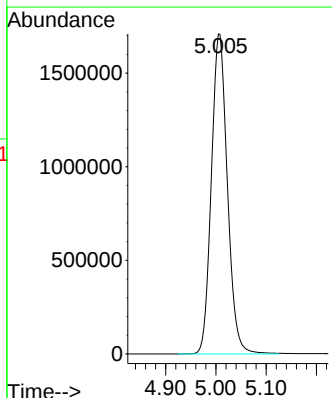
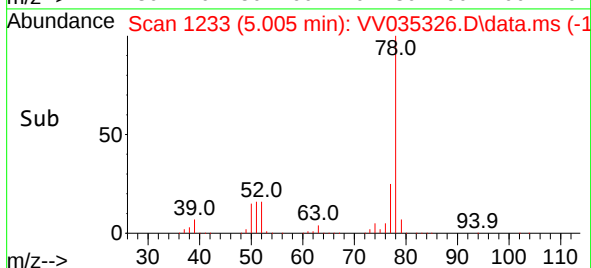
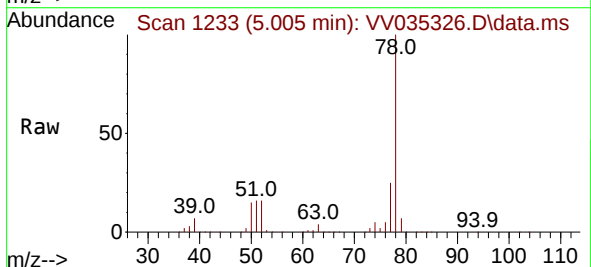
Manual Integrations
APPROVED

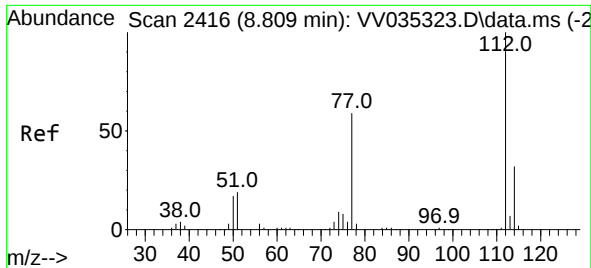
Reviewed By :Mahesh Dadoda 04/26/2024
Supervised By :Semsettin Yesilyurt 04/26/2024



#33
Benzene
Concen: 495.144 ug/L
RT: 5.005 min Scan# 1233
Delta R.T. -0.000 min
Lab File: VV035326.D
Acq: 22 Apr 2024 12:35

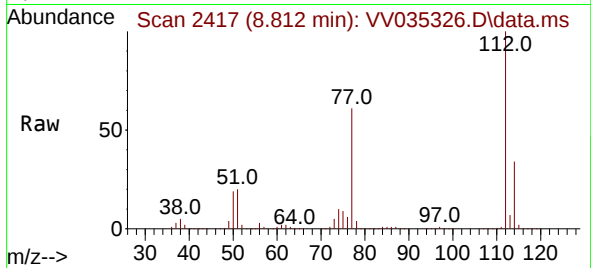
Tgt Ion: 78 Resp: 3782014





#51
Chlorobenzene
Concen: 1231.800 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.003 min
Lab File: VV035326.D
Acq: 22 Apr 2024 12:35

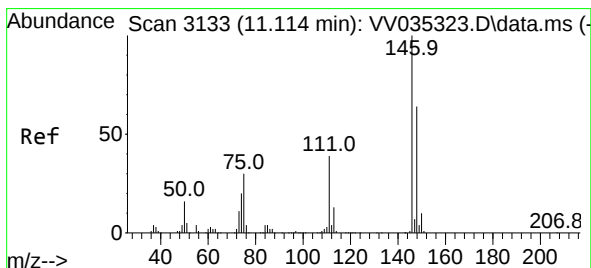
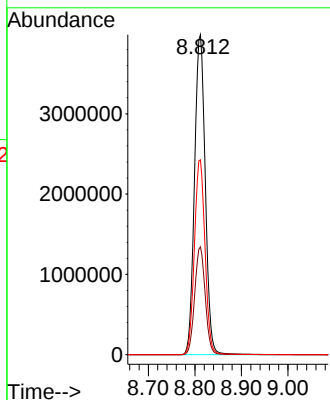
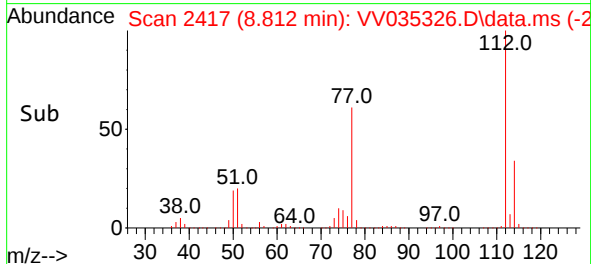
Instrument :
MSVOA_V
ClientSampleId :
MCORE5



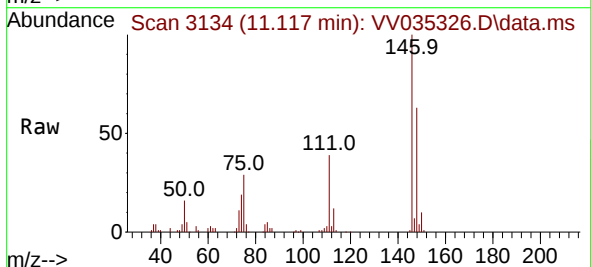
Tgt Ion:112 Resp: 638419
Ion Ratio Lower Upper
112 100
114 33.7 22.0 41.0
77 60.9 47.4 71.2

Manual Integrations
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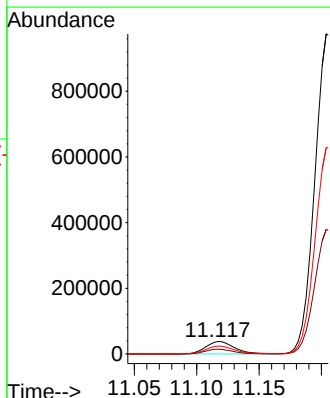
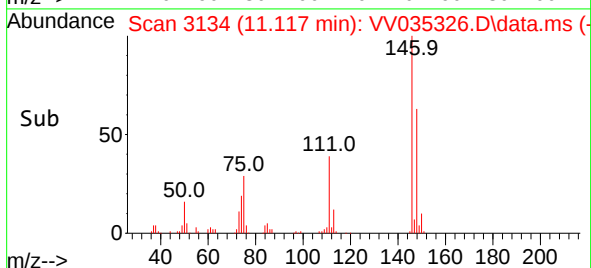
Reviewed By :Mahesh Dadoda 04/26/2024
Supervised By :Semsettin Yesilyurt 04/26/2024

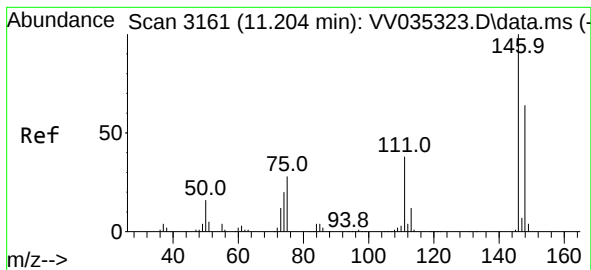


#64
1,3-Dichlorobenzene
Concen: 18.551 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. 0.003 min
Lab File: VV035326.D
Acq: 22 Apr 2024 12:35



Tgt Ion:146 Resp: 61110
Ion Ratio Lower Upper
146 100
111 38.8 28.7 53.3
148 63.3 44.0 81.8





#65

1,4-Dichlorobenzene

Concen: 440.430 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. -0.000 min

Lab File: VV035326.D

Acq: 22 Apr 2024 12:35

Instrument :

MSVOA_V

ClientSampleId :

MCORE5

Tgt Ion:146 Resp: 1475390

Ion Ratio Lower Upper

146 100

111 38.9 27.4 50.8

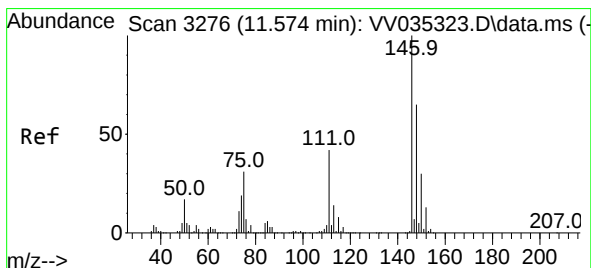
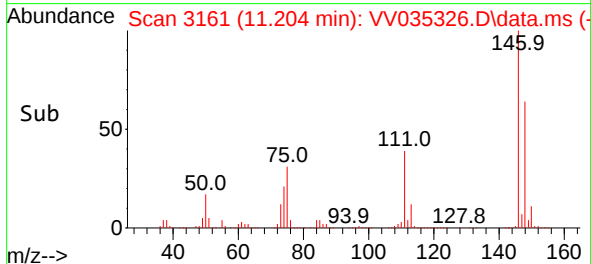
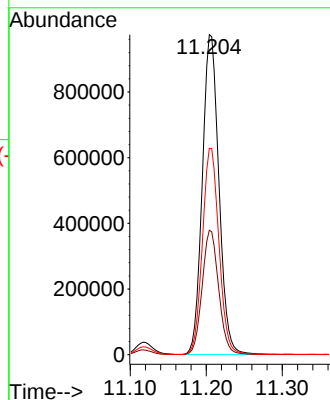
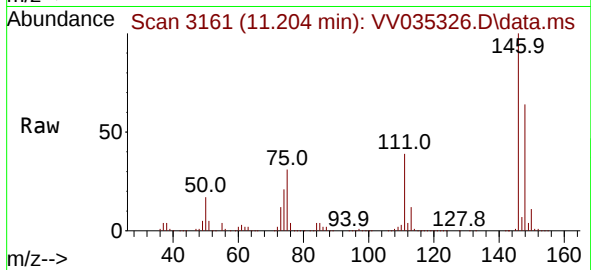
148 64.4 44.2 82.2

Manual Integrations

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#67

1,2-Dichlorobenzene

Concen: 475.176 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. 0.003 min

Lab File: VV035326.D

Acq: 22 Apr 2024 12:35

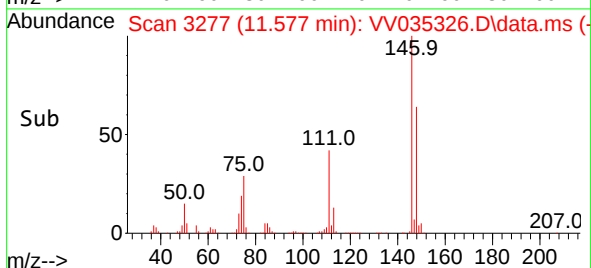
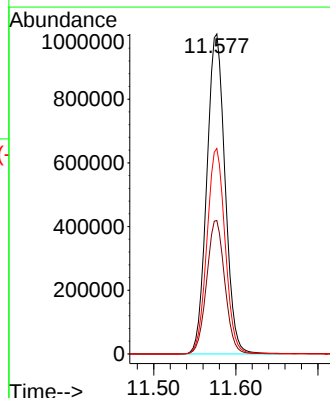
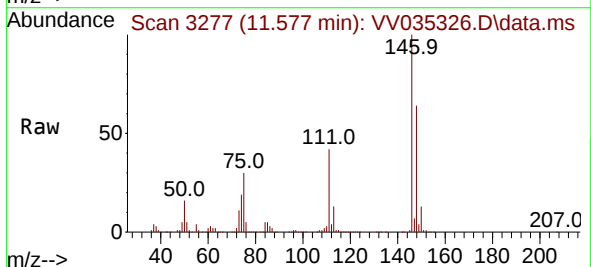
Tgt Ion:146 Resp: 1559307

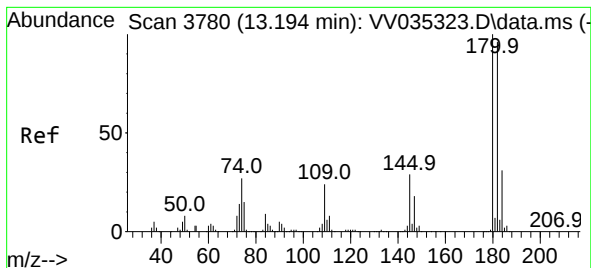
Ion Ratio Lower Upper

146 100

111 41.7 34.6 52.0

148 64.2 51.5 77.3





#70

1,2,4-trichlorobenzene

Concen: 19.202 ug/L

RT: 13.197 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV035326.D

Acq: 22 Apr 2024 12:35

Instrument :

MSVOA_V

ClientSampleId :

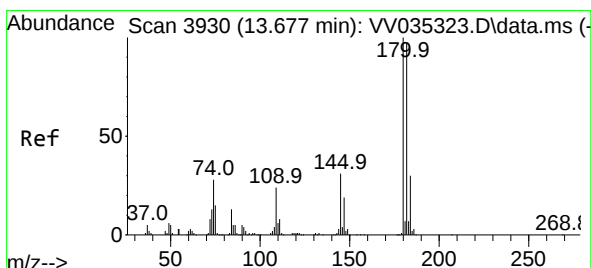
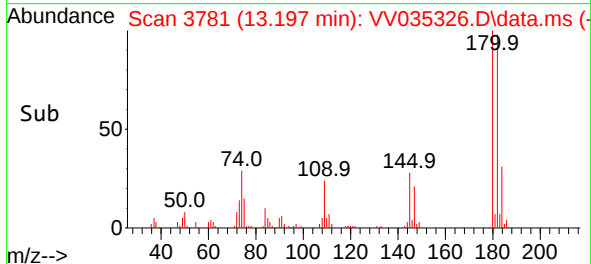
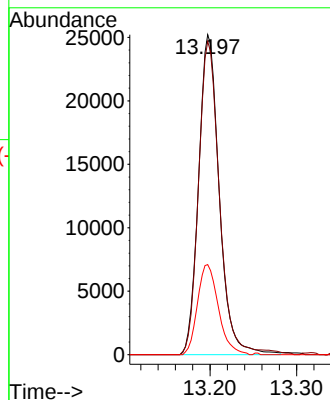
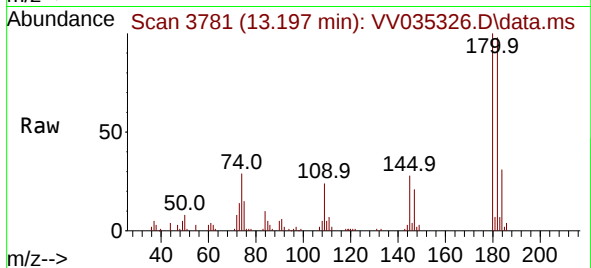
MCORE5

Tgt Ion:180	Resp:	41870
Ion Ratio	Lower	Upper
180	100	
182	97.8	75.6 113.4
145	28.5	24.1 36.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/26/2024
Supervised By :Semsettin Yesilyurt 04/26/2024



#72

1,2,3-Trichlorobenzene

Concen: 5.307 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. 0.003 min

Lab File: VV035326.D

Acq: 22 Apr 2024 12:35

Tgt Ion:180	Resp:	11408
Ion Ratio	Lower	Upper
180	100	
182	97.6	76.2 114.2
145	31.0	25.8 38.6

