

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042224\
 Data File : VV035332.D
 Acq On : 22 Apr 2024 14:53
 Operator : SY/MD
 Sample : P2182-06 100X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MC0RC8

Manual Integrations
 APPROVED

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

Quant Time: Apr 23 00:30:56 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	164180	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	139914	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.184	152	49339	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	52494	33.107	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	66.220%		
7) Chloroethane-d5	1.532	69	69606	50.543	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	101.080%		
11) 1,1-Dichloroethene-d2	2.059	65	19678	28.312	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	56.620%#		
21) 2-Butanone-d5	3.834	46	22070m	23.469	ug/L	0.05
Spiked Amount 100.000	Range 40 - 130		Recovery =	23.470%#		
24) Chloroform-d	4.249	84	186879	70.101	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	140.200%#		
26) 1,2-Dichloroethane-d4	4.940	65	147563	87.184	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	174.360%#		
32) Benzene-d6	4.960	84	274602	58.429	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	116.860%		
36) 1,2-Dichloropropane-d6	5.989	67	125711	84.234	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	168.460%#		
41) Toluene-d8	7.246	98	151217	35.727	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	71.460%#		
43) trans-1,3-Dichloroprop...	7.558	79	40608	55.970	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	111.940%		
47) 2-Hexanone-d5	8.027	63	63388	112.339	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	112.340%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	224717	109.343	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	218.680%#		
66) 1,2-Dichlorobenzene-d4	11.561	152	64369	58.107	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	116.220%		
Target Compounds						Qvalue
13) Acetone	2.121	43	10487	12.147	ug/L	99
51) Chlorobenzene	8.818	112	6387	2.063	ug/L	95
65) 1,4-Dichlorobenzene	11.210	146	5690	3.366	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	5465	3.300	ug/L	89
70) 1,2,4-trichlorobenzene	13.207	180	2146	1.950	ug/L #	90

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

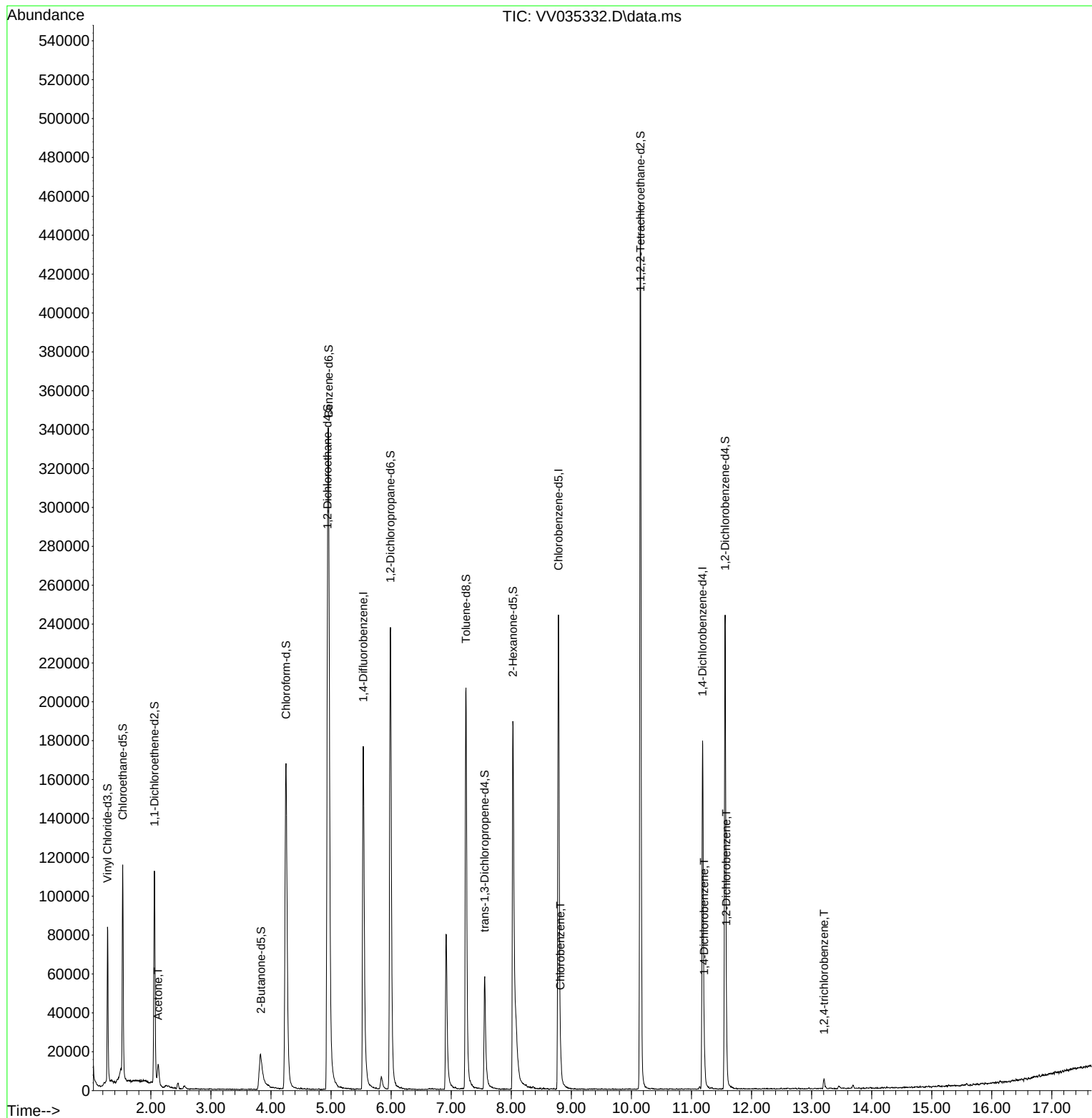
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042224\
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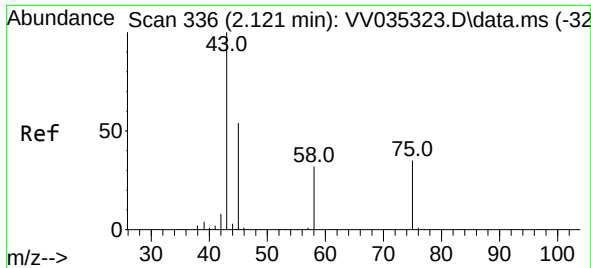
Instrument :
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Quant Title : VOC Analysis
QLast Update : Tue Apr 23 00:28:07 2024
Response via : Initial Calibration





#13

Acetone

Concen: 12.147 ug/L

RT: 2.121 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV035332.D

Acq: 22 Apr 2024 14:53

Instrument :

MSVOA_V

ClientSampleId :

MC0RC8

Tgt Ion: 43 Resp: 1048

Ion Ratio Lower Upper

43 100

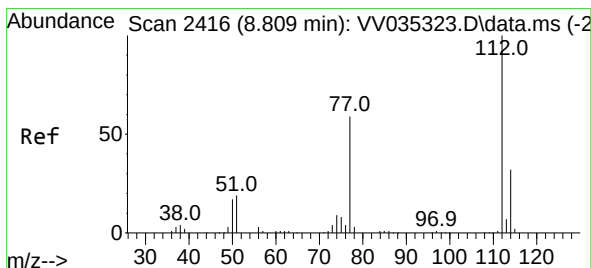
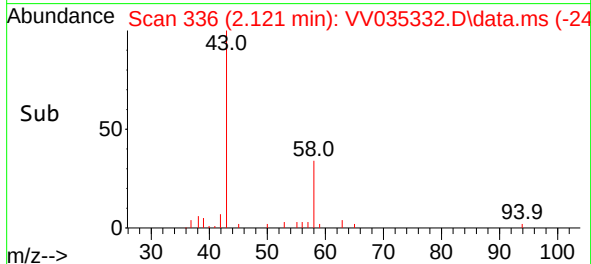
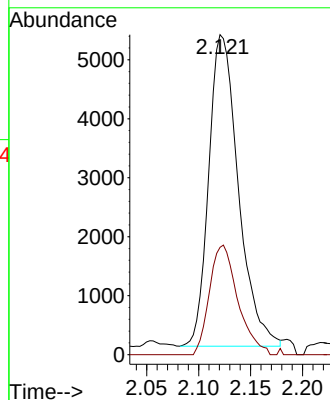
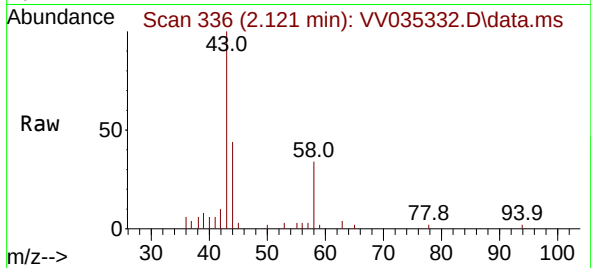
58 33.6 0.0 66.0

Manual Integrations

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#51

Chlorobenzene

Concen: 2.063 ug/L

RT: 8.818 min Scan# 2419

Delta R.T. 0.009 min

Lab File: VV035332.D

Acq: 22 Apr 2024 14:53

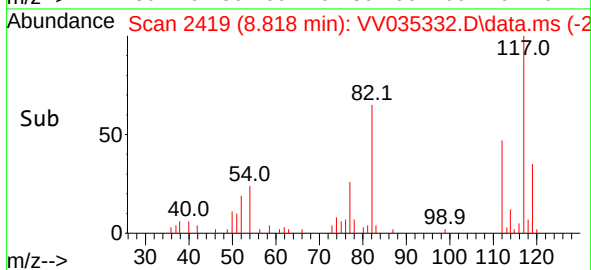
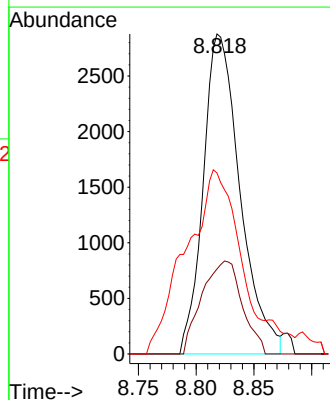
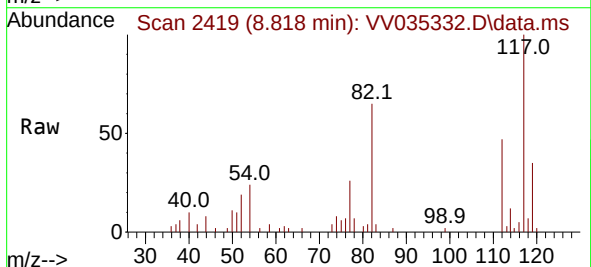
Tgt Ion:112 Resp: 6387

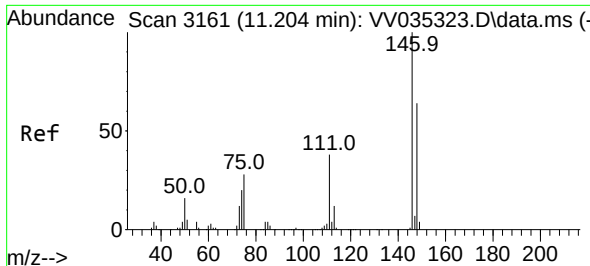
Ion Ratio Lower Upper

112 100

114 26.5 22.0 41.0

77 56.6 47.4 71.2





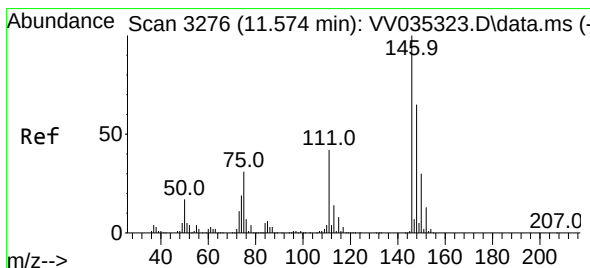
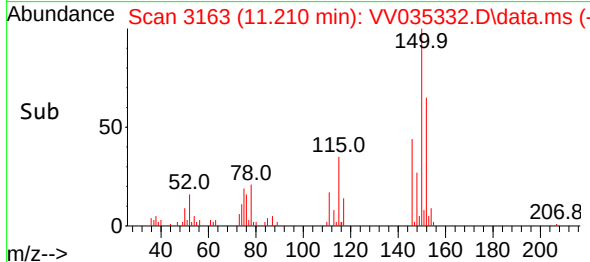
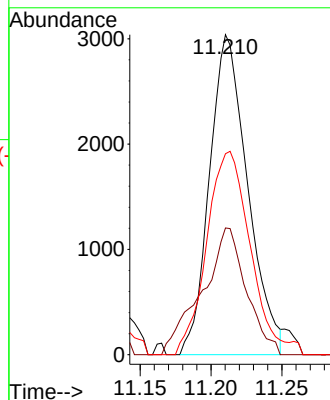
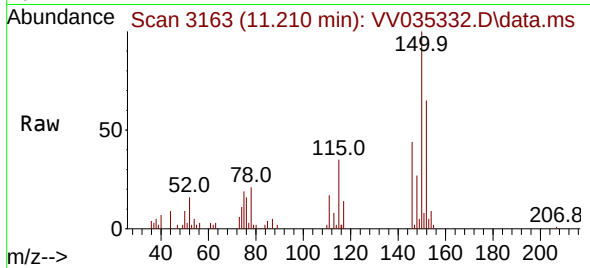
#65
1,4-Dichlorobenzene
Concen: 3.366 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.006 min
Lab File: VV035332.D
Acq: 22 Apr 2024 14:53

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Tgt Ion:146 Resp: 5690
Ion Ratio Lower Upper
146 100
111 39.6 27.4 50.8
148 62.8 44.2 82.2

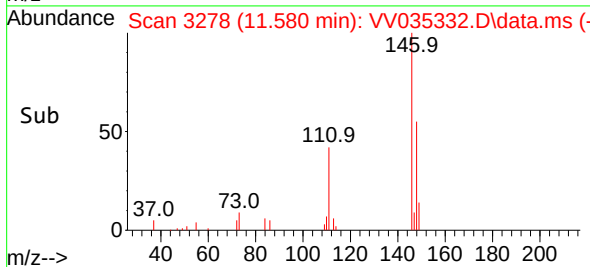
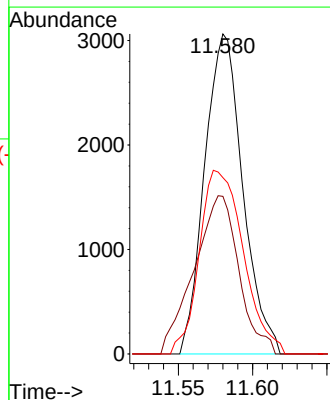
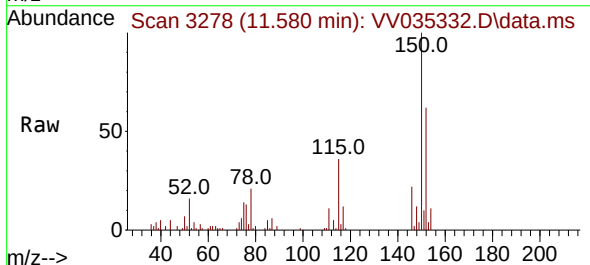
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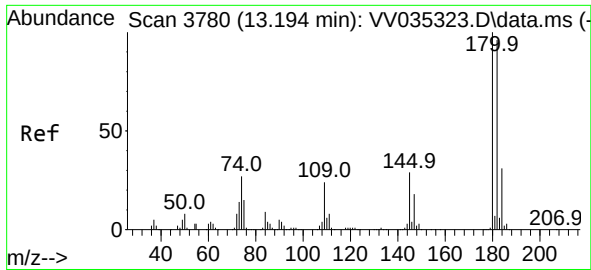
Reviewed By :Mahesh Dadoda 04/26/2024
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#67
1,2-Dichlorobenzene
Concen: 3.300 ug/L
RT: 11.580 min Scan# 3278
Delta R.T. 0.006 min
Lab File: VV035332.D
Acq: 22 Apr 2024 14:53

Tgt Ion:146 Resp: 5465
Ion Ratio Lower Upper
146 100
111 49.3 34.6 52.0
148 55.1 51.5 77.3





#70

1,2,4-trichlorobenzene

Concen: 1.950 ug/L

RT: 13.207 min Scan# 31

Delta R.T. 0.013 min

Lab File: VV035332.D

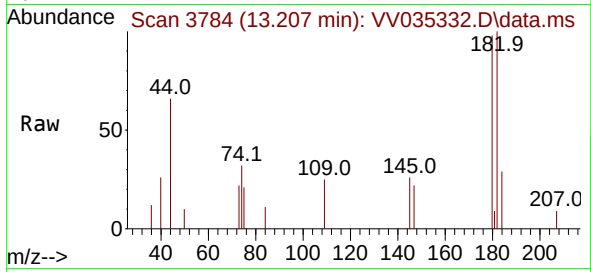
Acq: 22 Apr 2024 14:53

Instrument :

MSVOA_V

ClientSampleId :

MC0RC8



Tgt Ion:180 Resp: 2140

Ion Ratio Lower Upper

180 100

182 91.3 75.6 113.4

145 13.8 24.1 36.1

Manual Integrations

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