

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW063022\
 Data File : VW026612.D
 Acq On : 30 Jun 2022 17:11
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK272

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 07/01/2022
 Supervised By :Mahesh Dadoda 07/01/2022

Quant Time: Jul 01 00:23:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 01 00:19:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	361520	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	362031	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	154948	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	122749	41.653	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	83.300%		
7) Chloroethane-d5	1.584	69	115256	45.603	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	91.200%		
11) 1,1-Dichloroethene-d2	2.121	63	183687	33.089	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	66.180%		
21) 2-Butanone-d5	3.915	46	155833	105.617	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	105.620%		
24) Chloroform-d	4.362	84	265535	46.664	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.320%		
26) 1,2-Dichloroethane-d4	5.040	65	159506	49.263	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.520%		
32) Benzene-d6	5.059	84	509245	46.259	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.520%		
36) 1,2-Dichloropropane-d6	6.075	67	167266	48.239	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.480%		
41) Toluene-d8	7.320	98	414156	42.832	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.660%		
43) trans-1,3-Dichloroprop...	7.625	79	59388	42.659	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.320%		
47) 2-Hexanone-d5	8.091	63	111903	93.311	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	93.310%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	244388	48.814	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	97.620%		
66) 1,2-Dichlorobenzene-d4	11.625	152	162020	53.428	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	106.860%		
Target Compounds						Qvalue
65) 1,4-Dichlorobenzene	11.275	146	2609	0.526	ug/L	80
67) 1,2-Dichlorobenzene	11.641	146	16337	3.355	ug/L	97
70) 1,2,4-trichlorobenzene	13.265	180	5664	2.049	ug/L	97
72) 1,2,3-Trichlorobenzene	13.744	180	3873m	1.380	ug/L	

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

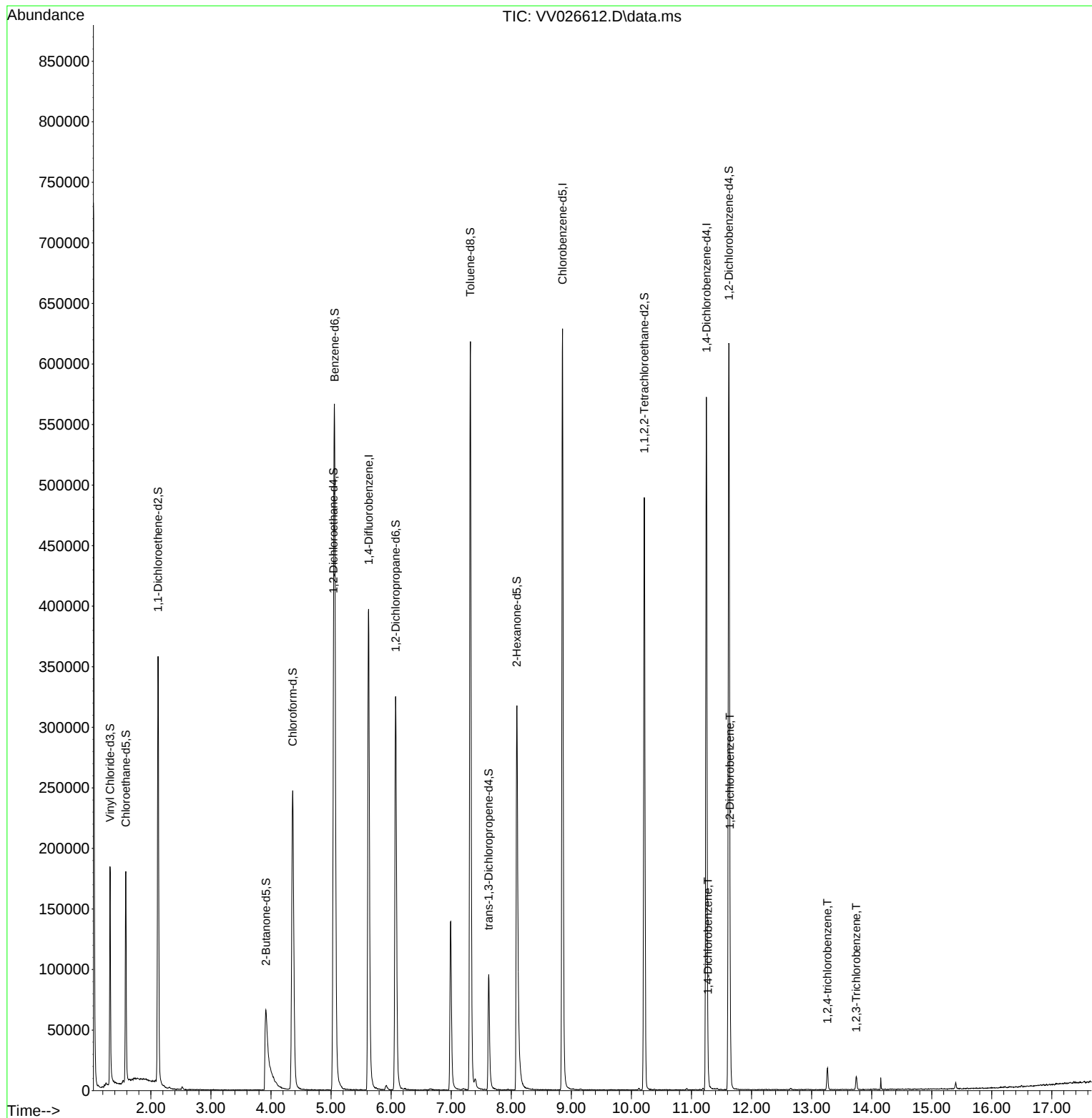
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV063022\
Data File : VV026612.D
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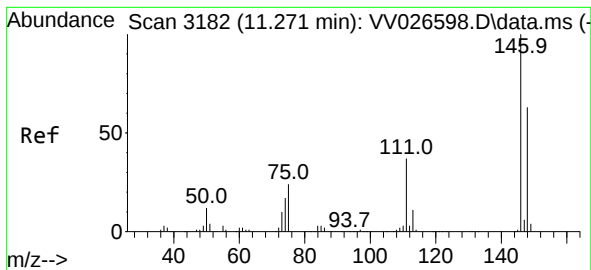
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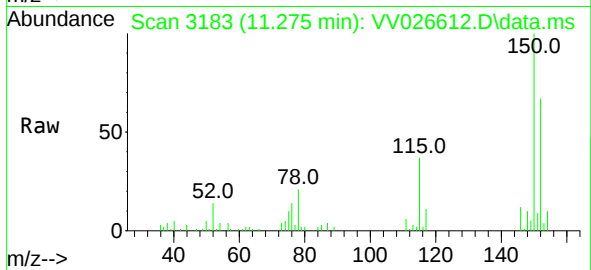
Quant Time: Jul 01 00:23:57 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062922WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 01 00:19:36 2022
Response via : Initial Calibration





#65
1,4-Dichlorobenzene
Concen: 0.526 ug/L
RT: 11.275 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV026612.D
Acq: 30 Jun 2022 17:11

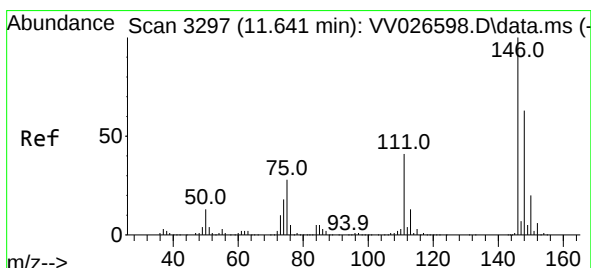
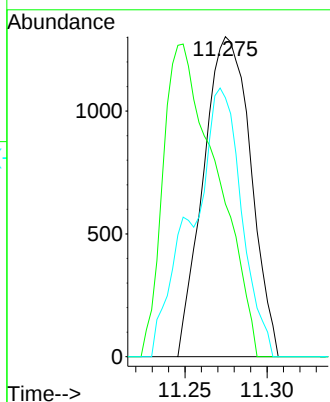
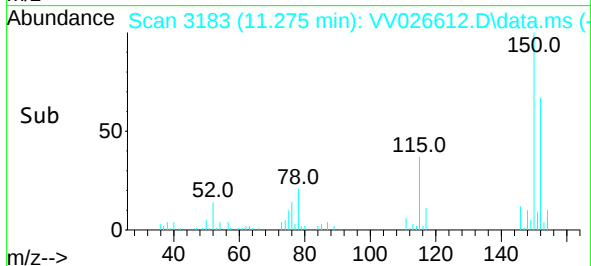
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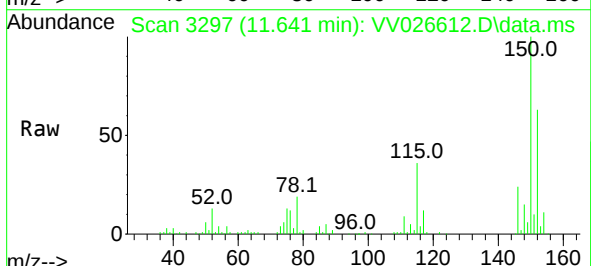
Tgt Ion:146 Resp: 2609
Ion Ratio Lower Upper
146 100
111 47.7 26.4 49.0
148 80.9 44.9 83.3

Manual Integrations
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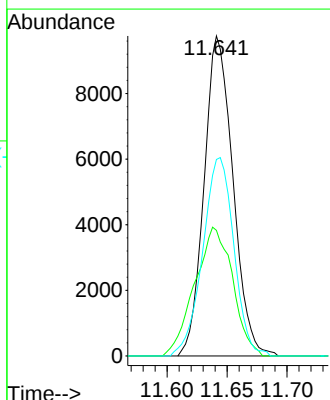
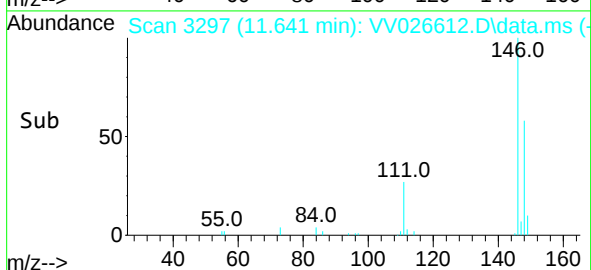
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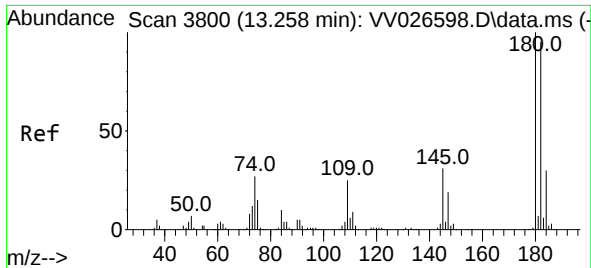


#67
1,2-Dichlorobenzene
Concen: 3.355 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. 0.000 min
Lab File: VV026612.D
Acq: 30 Jun 2022 17:11



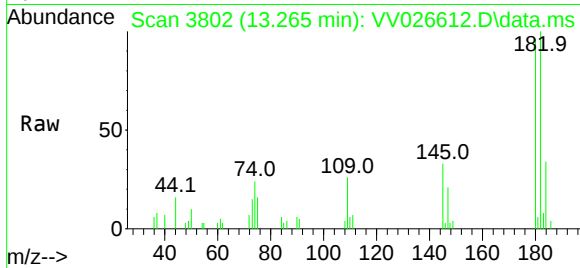
Tgt Ion:146 Resp: 16337
Ion Ratio Lower Upper
146 100
111 39.3 32.8 49.2
148 61.4 50.9 76.3





#70
1,2,4-trichlorobenzene
Concen: 2.049 ug/L
RT: 13.265 min Scan# 3802
Delta R.T. 0.006 min
Lab File: VV026612.D
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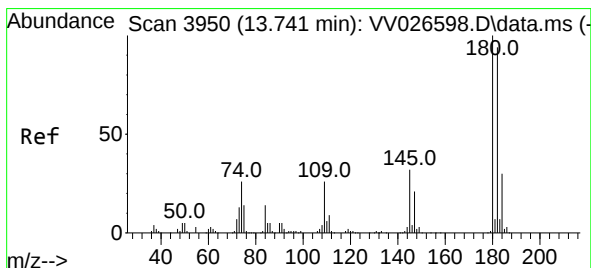
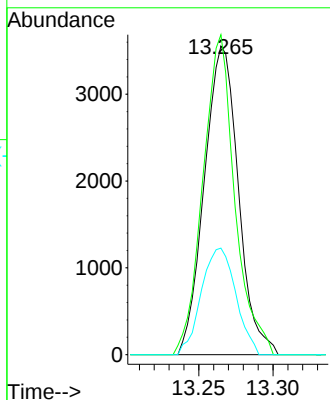
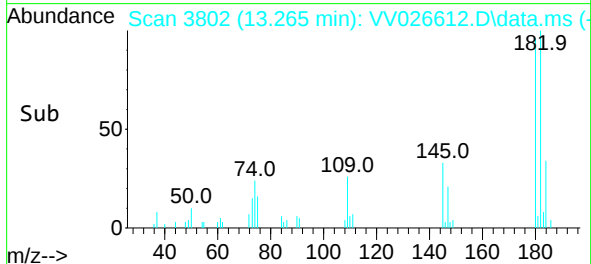
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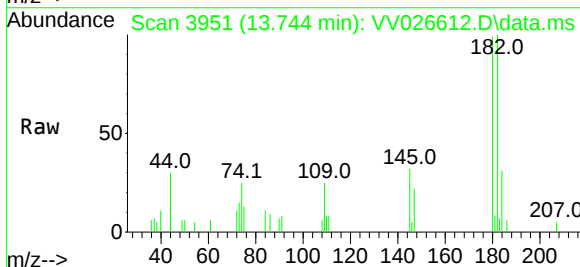
Tgt Ion:180 Resp: 5664
Ion Ratio Lower Upper
180 100
182 96.8 75.9 113.9
145 34.9 24.5 36.7

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#72
1,2,3-Trichlorobenzene
Concen: 1.380 ug/L m
RT: 13.744 min Scan# 3951
Delta R.T. 0.003 min
Lab File: VV026612.D
Acq: 30 Jun 2022 17:11



Tgt Ion:180 Resp: 3873
Ion Ratio Lower Upper
180 100
182 88.2 76.1 114.1
145 28.7 26.3 39.5

