

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121523\
 Data File : VW033439.D
 Acq On : 16 Dec 2023 16:50
 Operator : SY/MD
 Sample : 05802-19
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F7B43

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023
 Supervised By :Semsettin Yesilyurt 12/18/2023

Quant Time: Dec 16 20:29:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM121523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 16 20:24:09 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	214681	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	228837	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	95780	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	67133	40.607	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	81.220%		
7) Chloroethane-d5	1.532	69	64399	43.406	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	86.820%		
11) 1,1-Dichloroethene-d2	2.060	65	33645	40.882	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	81.760%		
21) 2-Butanone-d5	3.783	46	75764	90.930	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	90.930%		
24) Chloroform-d	4.249	84	150850	46.128	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.260%		
26) 1,2-Dichloroethane-d4	4.944	65	97607	48.586	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.180%		
32) Benzene-d6	4.960	84	273172	44.322	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.640%		
36) 1,2-Dichloropropane-d6	5.989	67	85398	45.654	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	91.300%		
41) Toluene-d8	7.246	98	225898	40.056	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	80.120%		
43) trans-1,3-Dichloroprop...	7.555	79	38479	41.974	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.940%		
47) 2-Hexanone-d5	8.024	63	55701	88.532	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	88.530%		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	123659	45.996	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	92.000%		
66) 1,2-Dichlorobenzene-d4	11.561	152	98921m	54.960	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	109.920%		
Target Compounds						
					Qvalue	
33) Benzene	5.021	78	12978m	2.128	ug/L	
51) Chlorobenzene	8.815	112	138184	29.660	ug/L	99
64) 1,3-Dichlorobenzene	11.127	146	2445	0.865	ug/L	96
65) 1,4-Dichlorobenzene	11.210	146	56301	18.505	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	616505	209.533	ug/L	99

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

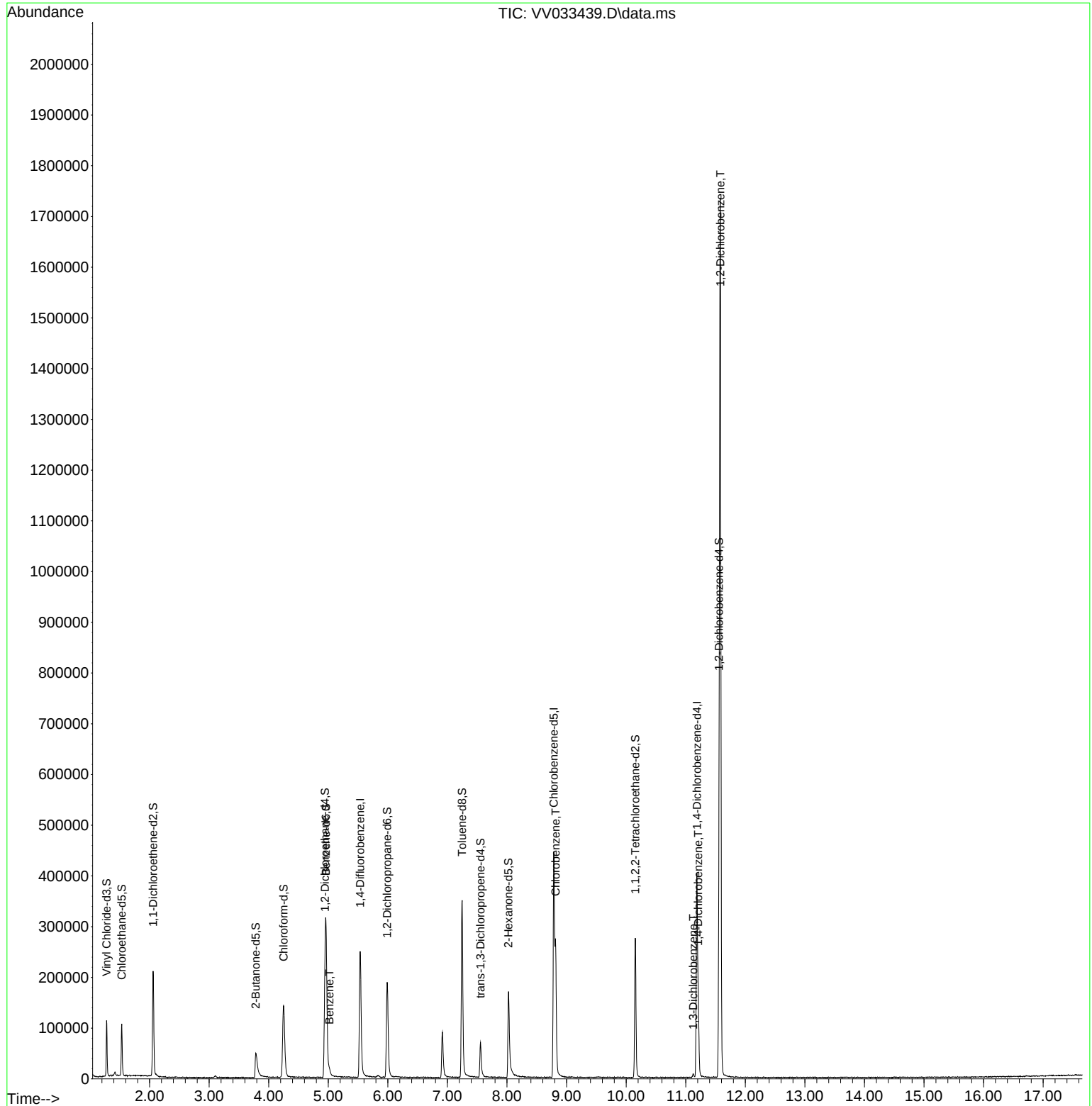
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121523\
Data File : VV033439.D
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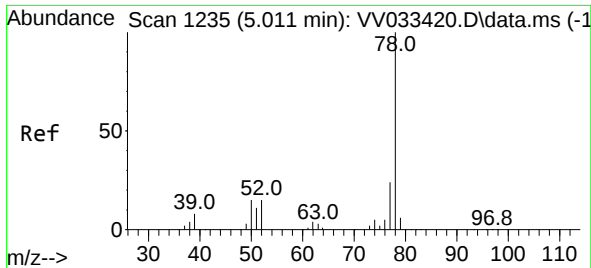
Instrument :
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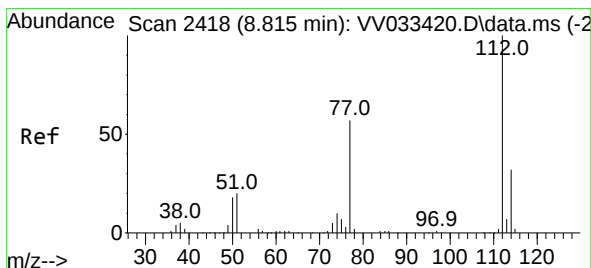
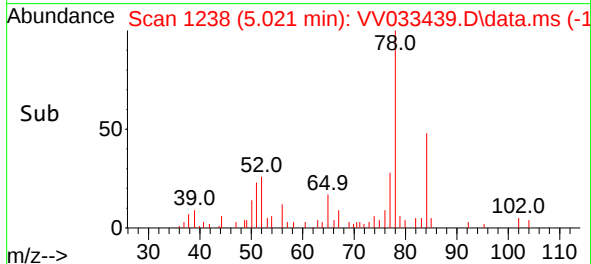
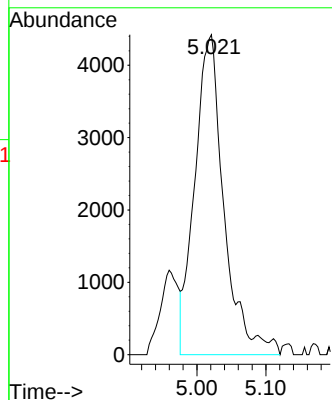
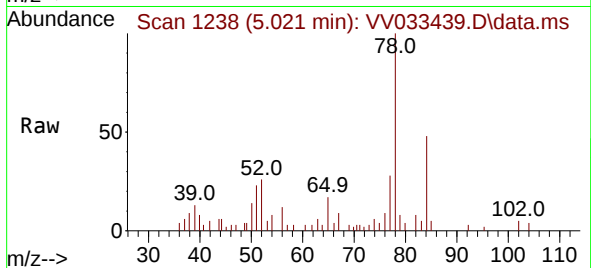
#33
Benzene
Concen: 2.128 ug/L m
RT: 5.021 min Scan# 1238
Delta R.T. 0.010 min
Lab File: VV033439.D
Acq: 16 Dec 2023 16:50

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Tgt Ion: 78 Resp: 12978

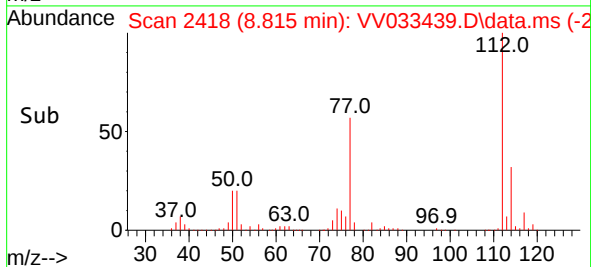
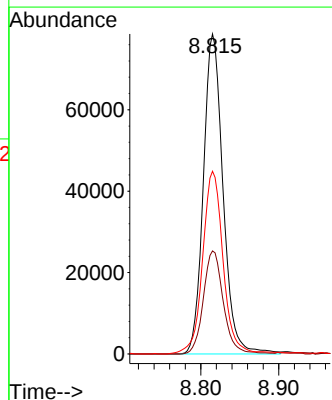
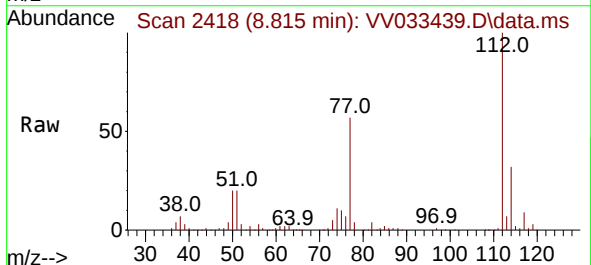
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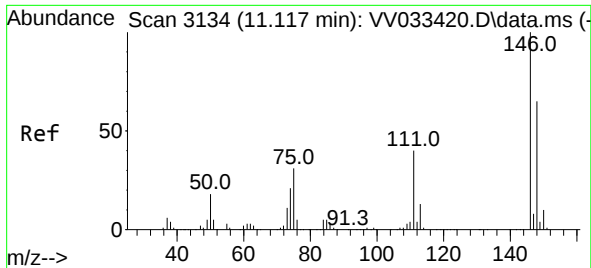
Reviewed By :Mahesh Dadoda 12/18/2023
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#51
Chlorobenzene
Concen: 29.660 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. 0.000 min
Lab File: VV033439.D
Acq: 16 Dec 2023 16:50

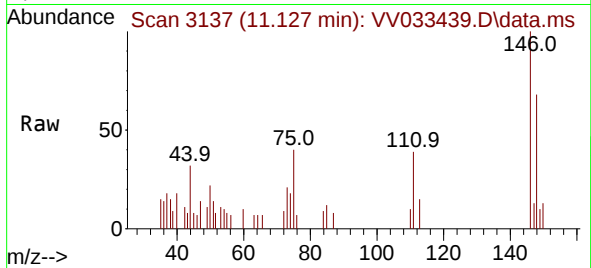
Tgt Ion:112 Resp: 138184
Ion Ratio Lower Upper
112 100
114 32.2 22.5 41.7
77 57.1 45.2 67.8





#64
1,3-Dichlorobenzene
Concen: 0.865 ug/L
RT: 11.127 min Scan# 3137
Delta R.T. 0.010 min
Lab File: VV033439.D
Acq: 16 Dec 2023 16:50

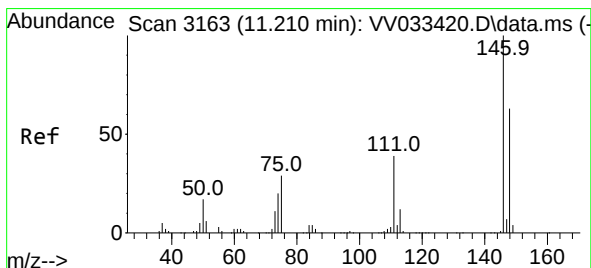
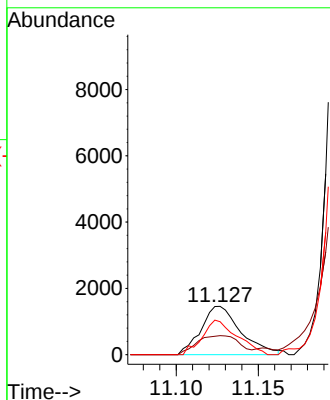
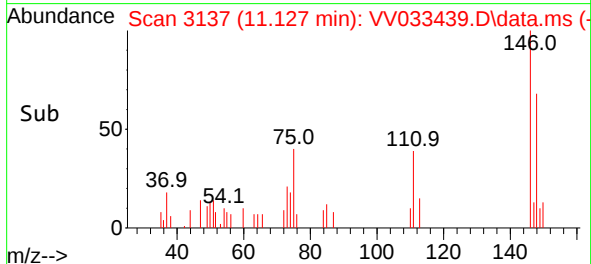
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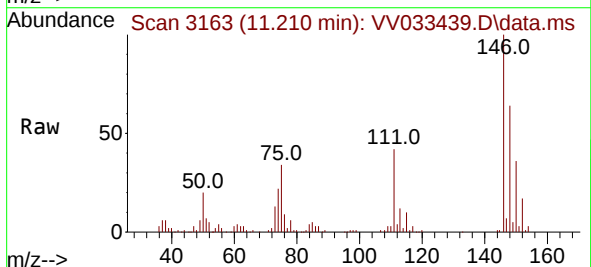
Tgt Ion:146 Resp: 244
Ion Ratio Lower Upper
146 100
111 39.5 29.3 54.5
148 68.3 45.4 84.4

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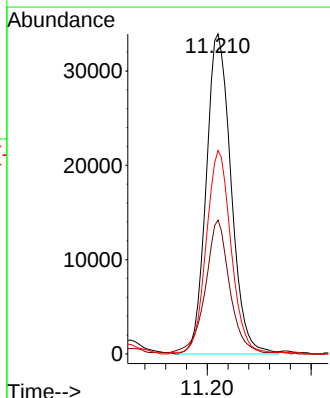
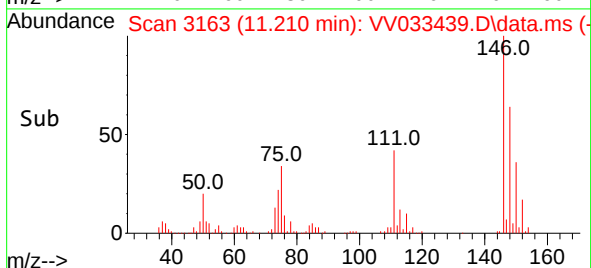
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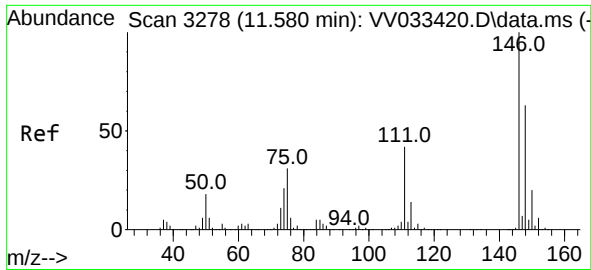


#65
1,4-Dichlorobenzene
Concen: 18.505 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.000 min
Lab File: VV033439.D
Acq: 16 Dec 2023 16:50



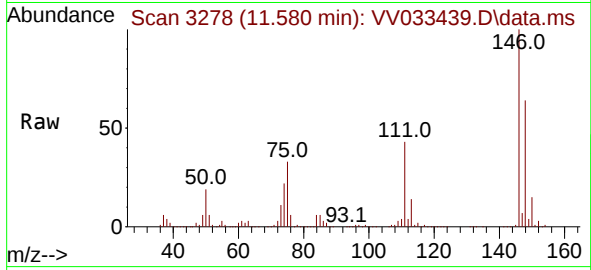
Tgt Ion:146 Resp: 56301
Ion Ratio Lower Upper
146 100
111 41.9 27.9 51.7
148 63.6 45.5 84.5





#67
1,2-Dichlorobenzene
Concen: 209.533 ug/L
RT: 11.580 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV033439.D
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Tgt Ion:146 Resp: 61650
Ion Ratio Lower Upper
146 100
111 42.9 33.5 50.3
148 63.6 51.1 76.7

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