

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052424\
 Data File : VV035748.D
 Acq On : 24 May 2024 15:47
 Operator : SY/MD
 Sample : P2568-22RE
 Misc : 4.71g/10.0mL/MSVOA_V/SOIL/VIAL B
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH643RE

Manual Integrations
 APPROVED

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

Quant Time: May 24 23:47:53 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	414743	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	365082	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	110413	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	146380	22.835	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	91.320%		
7) Chloroethane-d5	1.526	69	118276	22.871	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	91.480%		
11) 1,1-Dichloroethene-d2	2.053	65	58814	20.724	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	82.880%		
21) 2-Butanone-d5	3.854	46	52469m	28.842	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery =	57.680%		
24) Chloroform-d	4.246	84	244461	19.826	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	79.320%		
26) 1,2-Dichloroethane-d4	4.941	65	135593	22.245	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	88.960%		
32) Benzene-d6	4.957	84	445983	22.316	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	89.280%		
36) 1,2-Dichloropropane-d6	5.986	67	151831	24.619	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	98.480%		
41) Toluene-d8	7.243	98	334698	18.818	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	75.280%		
43) trans-1,3-Dichloroprop...	7.558	79	47602	18.047	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	72.200%		
47) 2-Hexanone-d5	8.037	63	27073	24.412	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	48.820%		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	115649	19.460	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	77.840%		
66) 1,2-Dichlorobenzene-d4	11.561	152	81198	21.190	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	84.760%		
Target Compounds					Qvalue	
13) Acetone	2.166	43	15236m	5.721	ug/L	
16) Methylene chloride	2.442	84	40180	4.201	ug/L	95

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

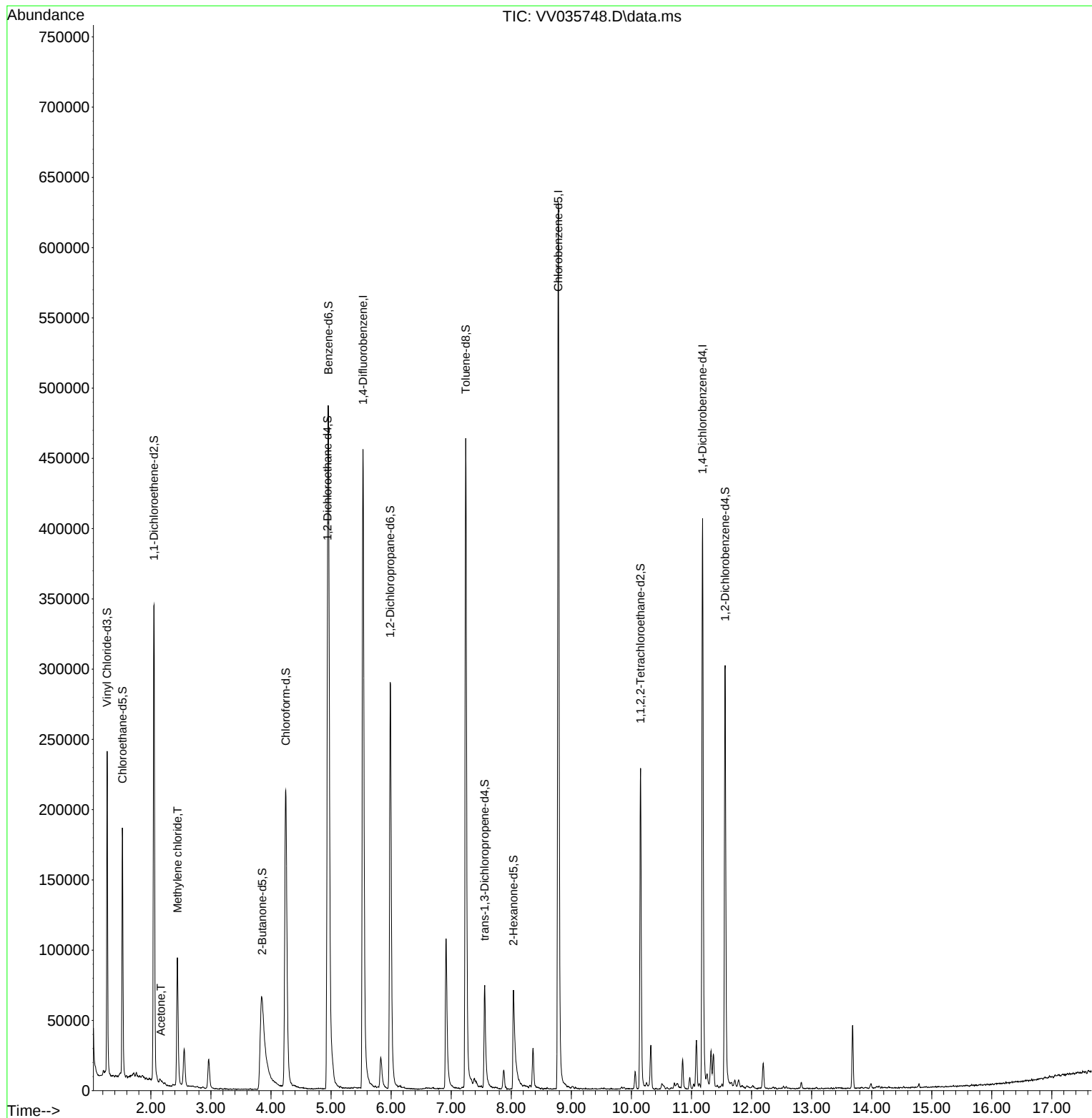
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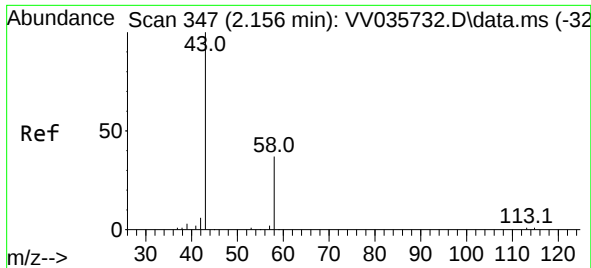
Instrument :
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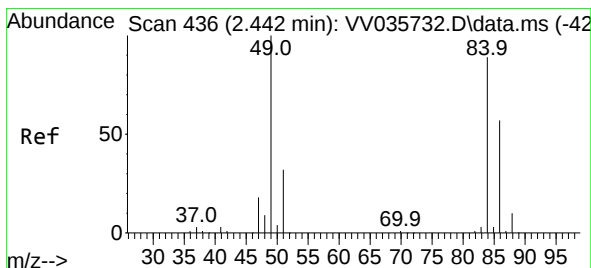
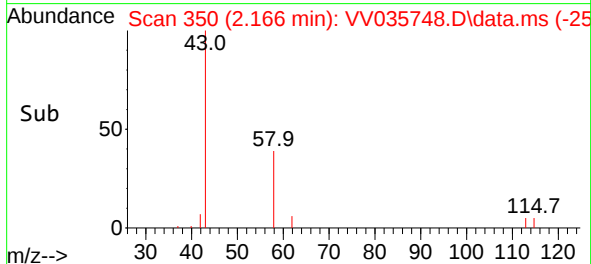
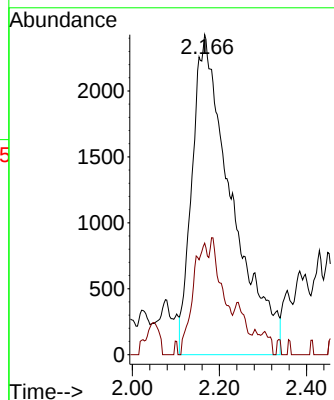
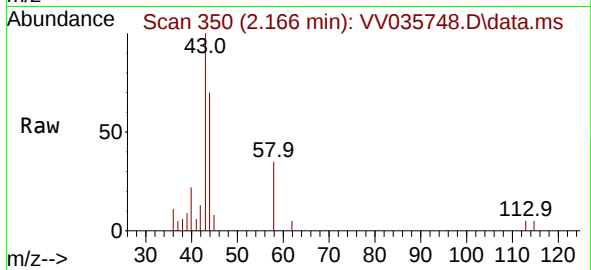
#13
Acetone
Concen: 5.721 ug/L m
RT: 2.166 min Scan# 347
Delta R.T. 0.010 min
Lab File: VV035748.D
Acq: 24 May 2024 15:47

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Tgt Ion: 43 Resp: 15230
Ion Ratio Lower Upper
43 100
58 0.1 0.0 22.8

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 05/28/2024
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#16
Methylene chloride
Concen: 4.201 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.000 min
Lab File: VV035748.D
Acq: 24 May 2024 15:47

Tgt Ion: 84 Resp: 40180
Ion Ratio Lower Upper
84 100
86 66.4 43.8 81.3
49 113.4 75.3 139.9

