

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092519\
 Data File : VV012982.D
 Acq On : 25 Sep 2019 17:44
 Operator : SY/MD
 Sample : K4988-04
 Misc : 4.50G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ESNY7

Manual Integrations
 APPROVED

MMDadoda
 9/26/2019 3:32:16 PM

Quant Time: Sep 26 03:39:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 26 01:10:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	553345	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	389344	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	105040	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	172387	20.08	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	80.32%		
7) Chloroethane-d5	1.58	69	164214	23.66	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	94.64%		
10) 1,1-Dichloroethene-d2	2.13	63	196480	13.76	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	55.04%		
20) 2-Butanone-d5	3.96	46	9689m	3.27	ug/L	0.02
Spiked Amount 50.000	Range 20 - 135		Recovery =	6.54%#		
24) Chloroform-d	4.40	84	316099	20.79	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	83.16%		
26) 1,2-Dichloroethane-d4	5.08	65	196912	22.29	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	89.16%		
29) Benzene-d6	5.10	84	478322	22.00	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	88.00%		
33) 1,2-Dichloropropane-d6	6.12	67	203229	29.83	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	119.32%		
37) Toluene-d8	7.36	98	305244	15.47	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	61.88%		
38) trans-1,3-Dichloropropene-	7.66	79	23573	8.17	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	32.68%		
39) 2-Hexanone-d5	8.14	63	6667	4.86	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	9.72%#		
48) 1,1,2,2-Tetrachloroethane-	10.26	84	131564	20.33	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	81.32%		
61) 1,2-Dichlorobenzene-d4	11.67	152	70182	17.20	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	68.80%#		
Target Compounds						
15) Methyl Acetate	2.47	43	5671	1.160	ug/L	95
16) Methylene chloride	2.53	84	20697	2.502	ug/L	96

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

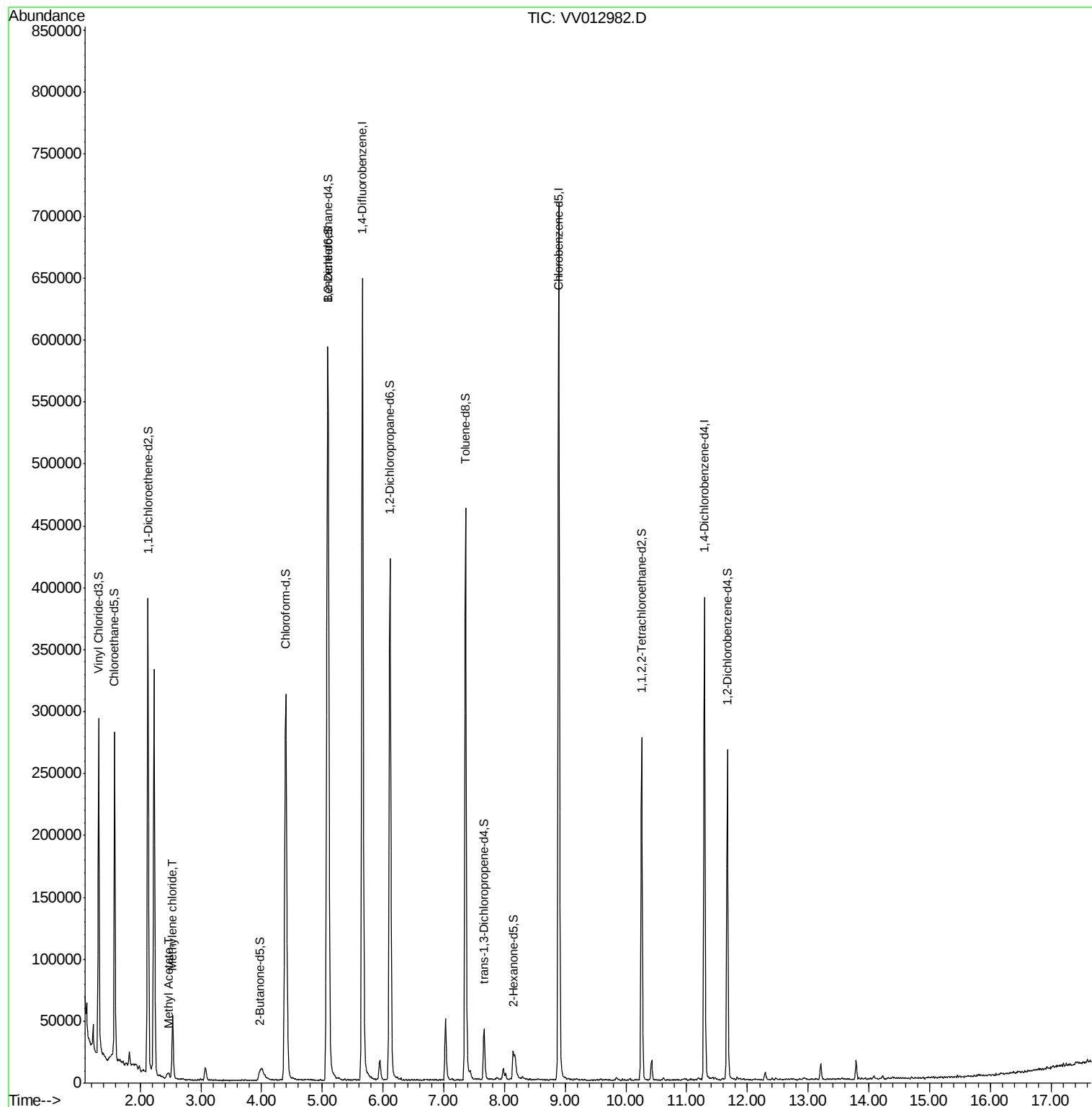
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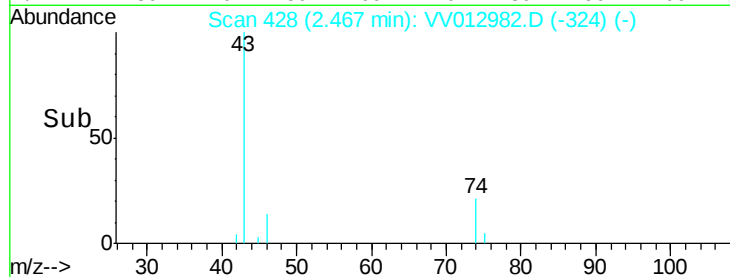
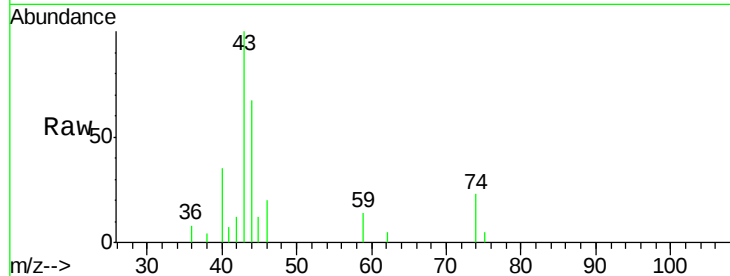
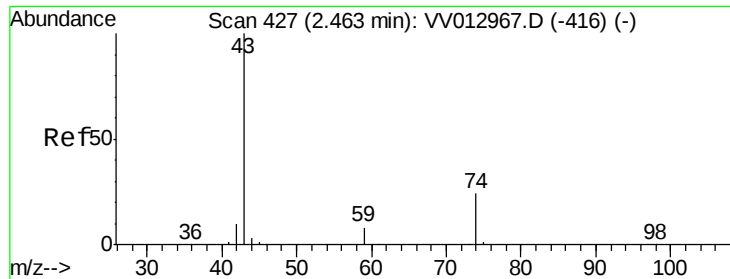
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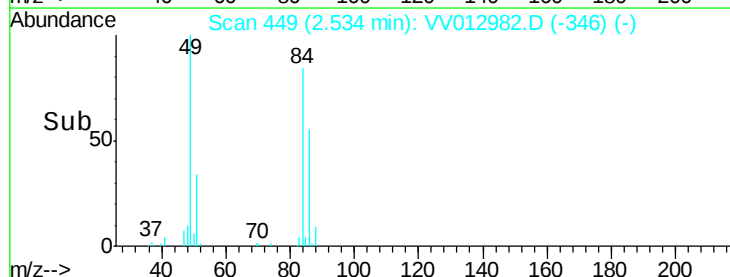
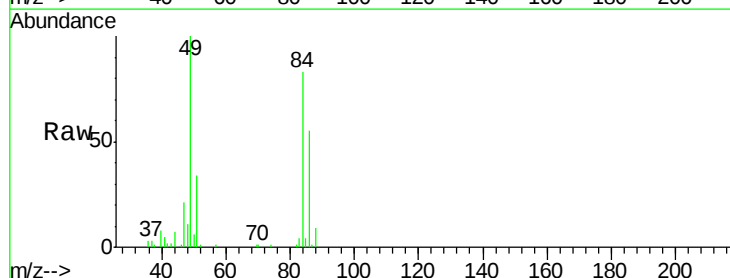
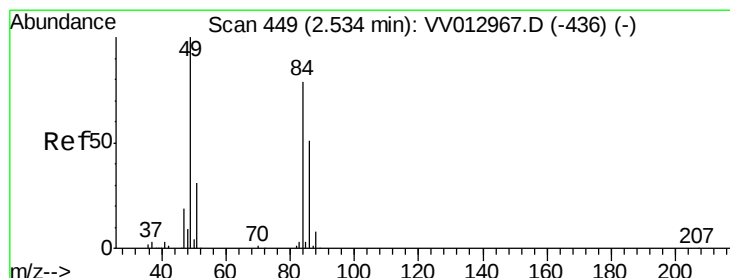
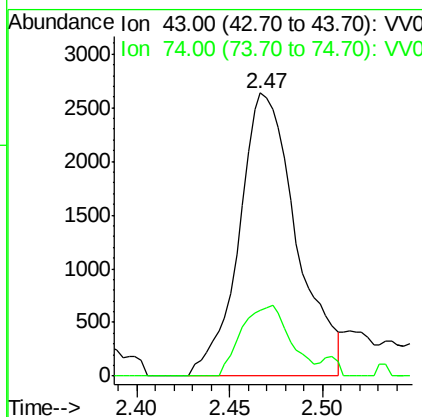
#15
Methyl Acetate
Concen: 1.160 ug/L
RT: 2.47 min Scan# 428
Delta R.T. 0.00 min
Lab File: VV012982.D
Acq: 25 Sep 2019 17:44

Tot Ion: 43 Resp: 5671
Ion Ratio Lower Upper
43 100
74 21.2 18.8 28.2

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#16
Methylene chloride
Concen: 2.502 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV012982.D
Acq: 25 Sep 2019 17:44

Tgt Ion: 84 Resp: 20697
Ion Ratio Lower Upper
84 100
49 119.8 88.3 164.1
86 65.4 44.9 83.3

