

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092519\
 Data File : VV012974.D
 Acq On : 25 Sep 2019 14:03
 Operator : SY/MD
 Sample : K4958-09RE
 Misc : 3.91G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ESNZ1RE

Manual Integrations
 APPROVED

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 9/26/2019 3:31:58 PM

Quant Time: Sep 26 02:35:50 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	621878	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	536849	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	184895	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	177419	18.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.56%
7) Chloroethane-d5	1.58	69	166654	21.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.44%
10) 1,1-Dichloroethene-d2	2.13	63	223855	13.95	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.80%
20) 2-Butanone-d5	3.93	46	112942	33.90	ug/L	-0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.80%
24) Chloroform-d	4.40	84	341382	19.98	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.92%
26) 1,2-Dichloroethane-d4	5.08	65	216931	21.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.40%
29) Benzene-d6	5.10	84	662372	22.10	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.40%
33) 1,2-Dichloropropane-d6	6.11	67	224850	23.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.72%
37) Toluene-d8	7.36	98	491559	18.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	72.28%
38) trans-1,3-Dichloropropene-	7.66	79	68134	17.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	68.52%
39) 2-Hexanone-d5	8.13	63	72742	38.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.96%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	184135	20.63	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.52%
61) 1,2-Dichlorobenzene-d4	11.67	152	127065	17.69	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	70.76%#

Target Compounds					Ovalue
13) Acetone	2.18	43	66167	18.686 ug/L	98
16) Methylene chloride	2.54	84	19997	2.151 ug/L	93
21) 2-Butanone	4.01	43	29130m	7.069 ug/L	

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

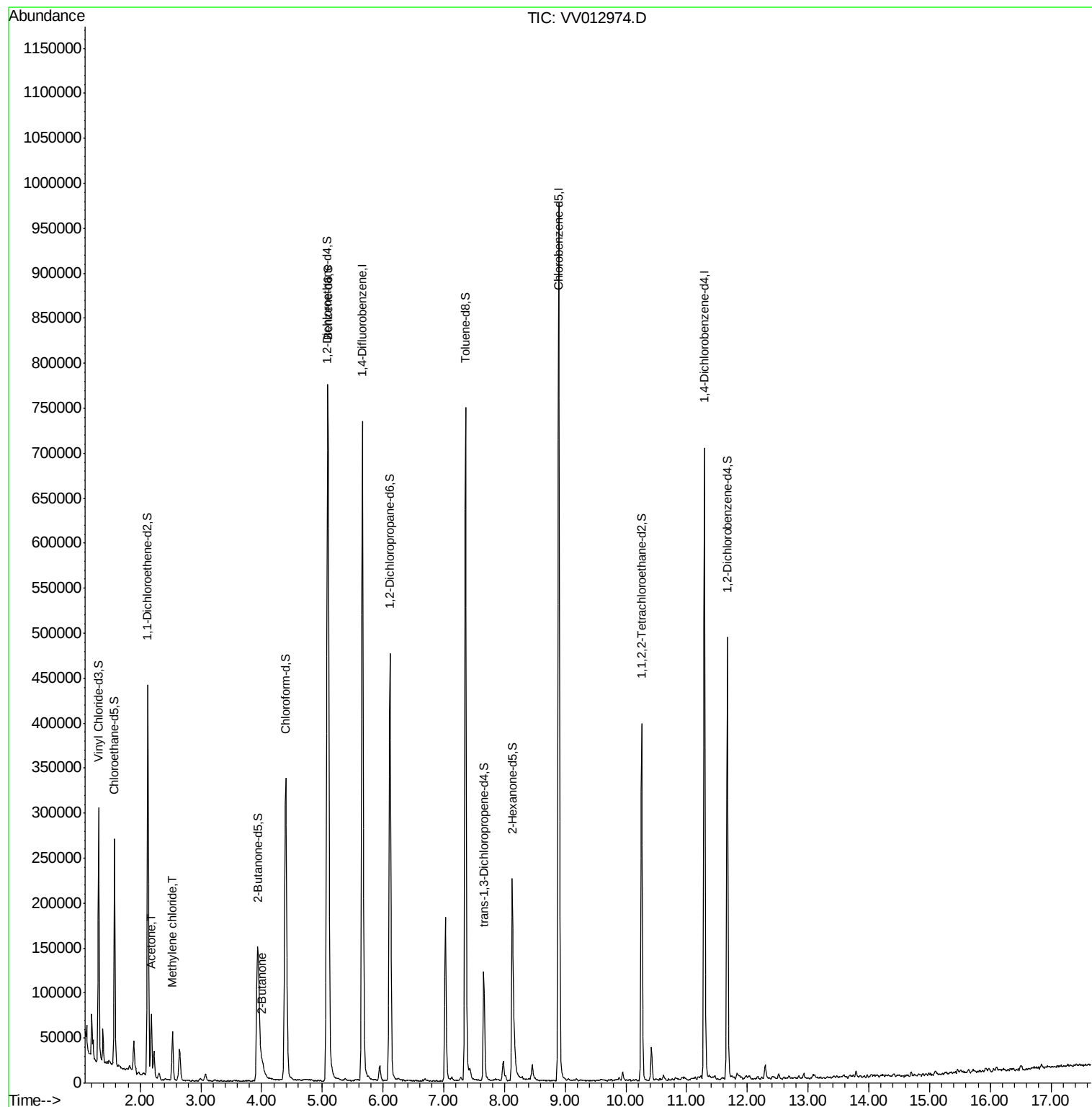
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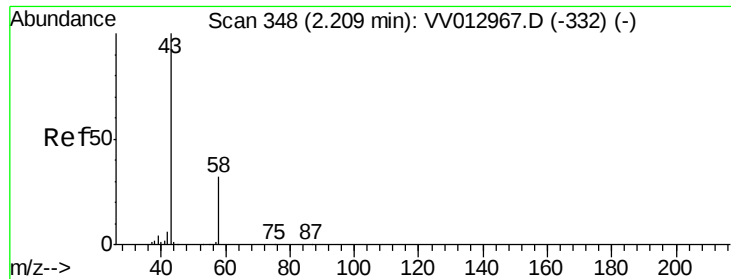
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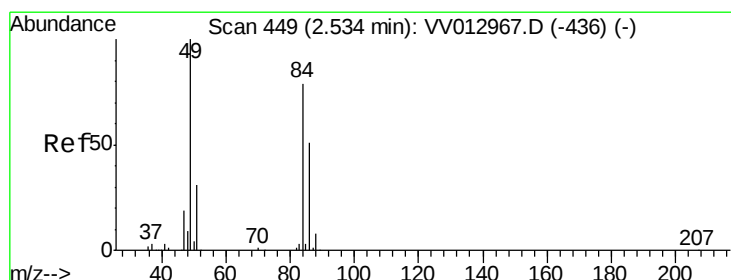
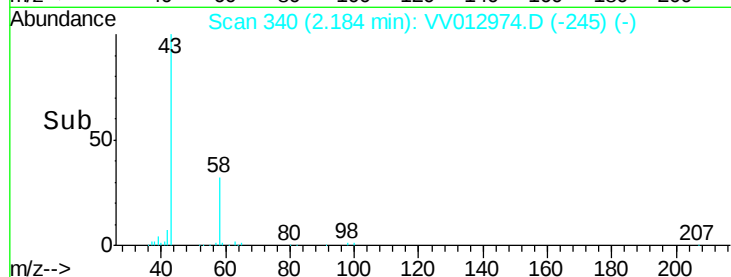
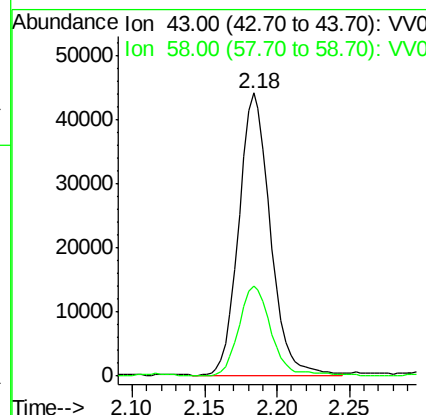
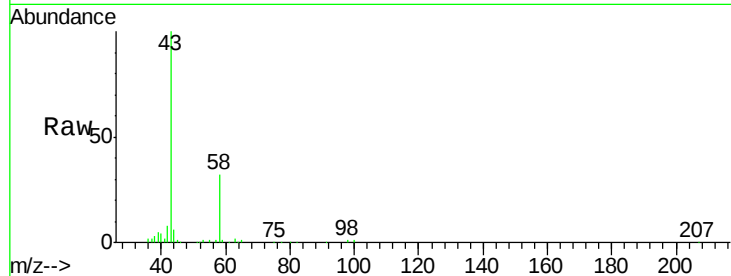
#13
Acetone
Concen: 18.686 ug/L
RT: 2.18 min Scan# 340
Delta R.T. -0.03 min
Lab File: VV012974.D
Acq: 25 Sep 2019 14:03

Instrument :
MSVOA_V
ClientSampleId :
ESNZ1RE

Tot Ion	43	Resp	66167
Ion Ratio	Lower	Upper	
43	100		
58	33.4	0.0	65.0

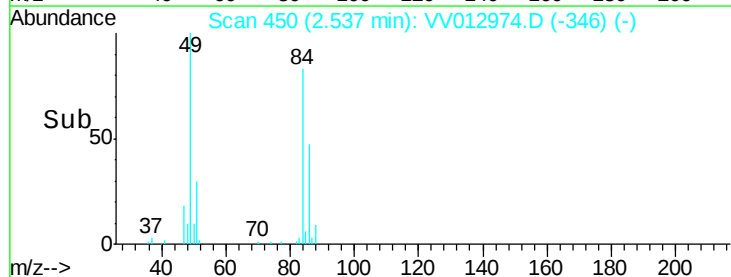
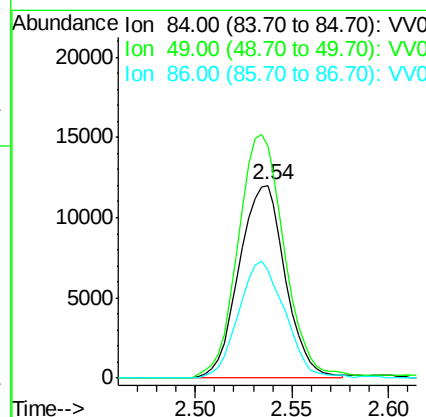
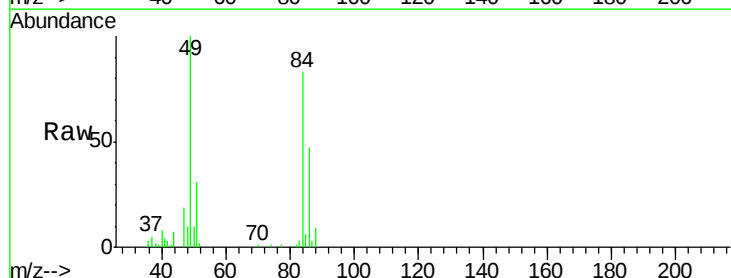
Manual Integrations
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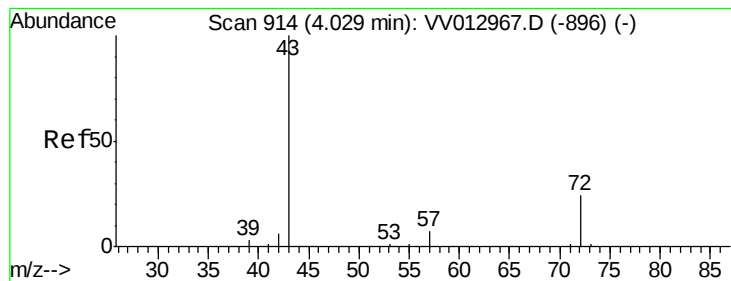
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#16
Methylene chloride
Concen: 2.151 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV012974.D
Acq: 25 Sep 2019 14:03

Tgt Ion	84	Resp	19997
Ion Ratio	Lower	Upper	
84	100		
49	120.3	88.3	164.1
86	56.3	44.9	83.3





#21

2-Butanone

Concen: 7.069 ug/L m

RT: 4.01 min Scan# 909

Delta R.T. -0.02 min

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Tot Ion: 43 Resp: 29130
Ion Ratio Lower Upper

43 100

72 6.5 11.9 35.9#

Manual Integrations
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