

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

Quant Time: Sep 26 01:15:19 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	3814	1.29	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	2.58%#
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

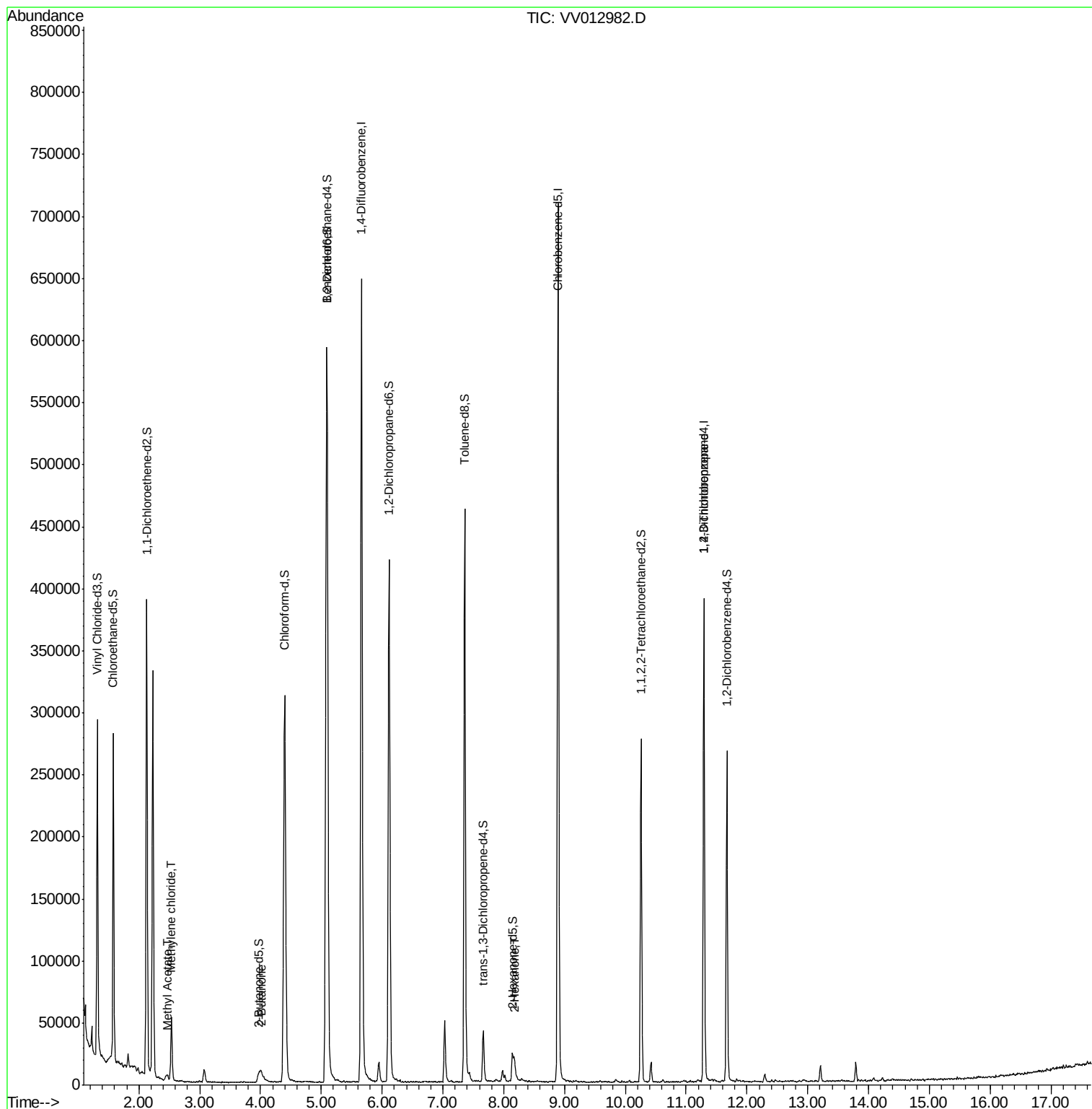
					Qvalue
15) Methyl Acetate	2.47	43	5671	1.160 ug/L	95
16) Methylene chloride	2.53	84	20697	2.502 ug/L	96
21) 2-Butanone	4.01	43	7124	1.943 ug/L #	53
49) 2-Hexanone	8.18	43	11448	3.280 ug/L #	46
59) 1,2,3-Trichloropropane	11.29	75	11885	2.433 ug/L	90

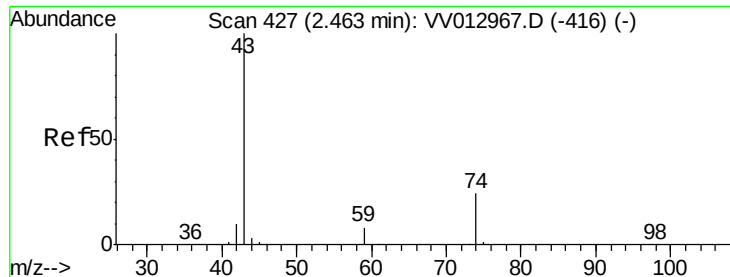
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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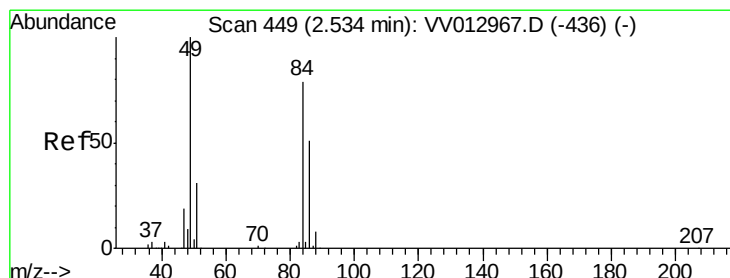
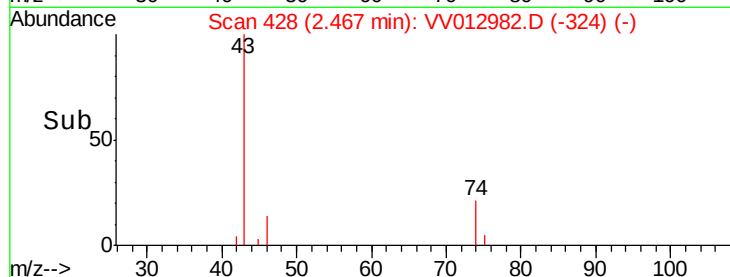
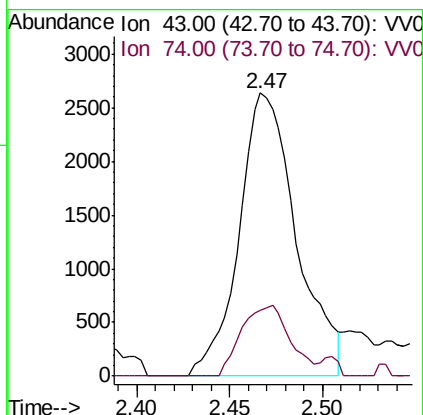
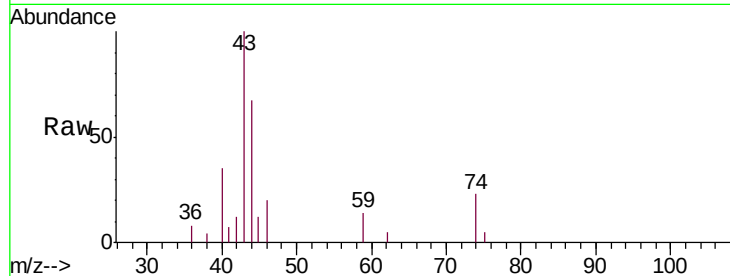




#15
Methyl Acetate
Concen: 1.160 ug/L
RT: 2.47 min Scan# 428
Delta R.T. 0.00 min
Lab File: VV012982.D
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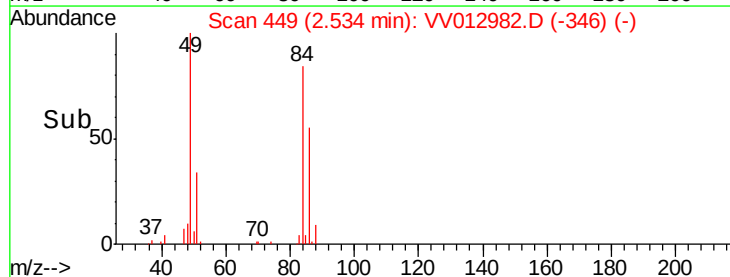
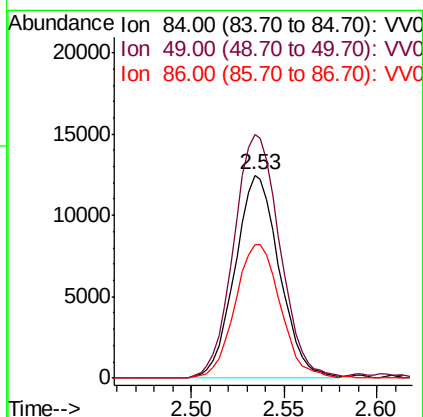
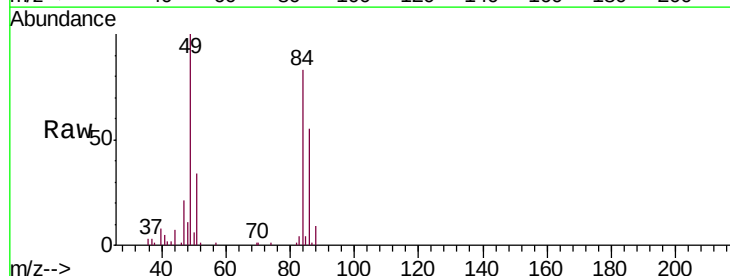
Instrument :
MSVOA_V
ClientSampled :
ESNY7

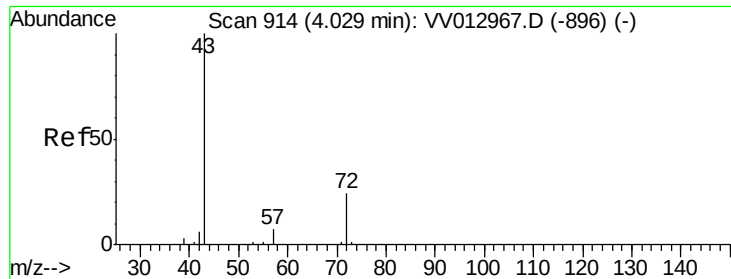
Tgt Ion: 43 Resp: 5671
Ion Ratio Lower Upper
43 100
74 21.2 18.8 28.2



#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





#21

2-Butanone

Concen: 1.943 ug/L

RT: 4.01 min Scan# 908

Delta R.T. -0.02 min

Lab File: VV012982.D

Acq: 25 Sep 2019 17:44

Instrument :

MSVOA_V

ClientSampleId :

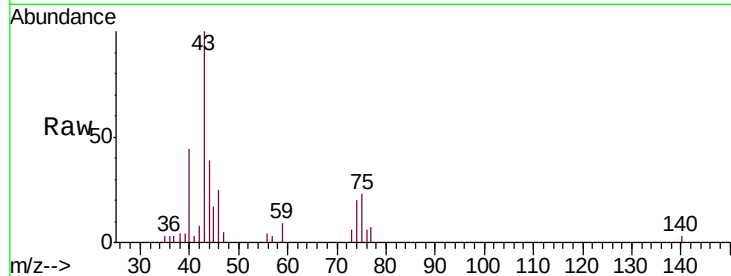
ESNY7

Tgt Ion: 43 Resp: 7124

Ion Ratio Lower Upper

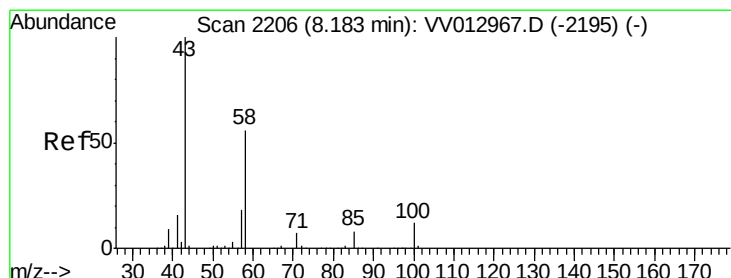
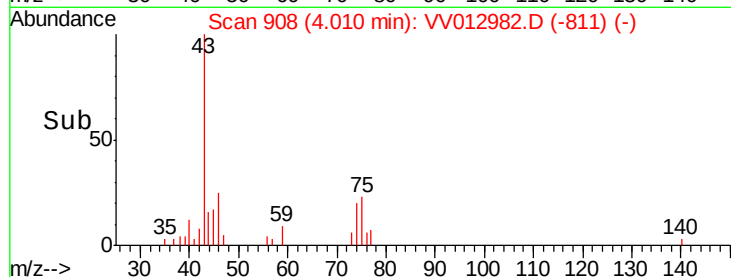
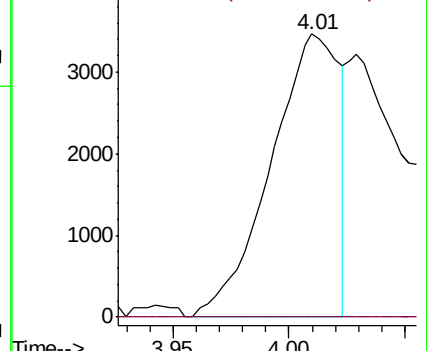
43 100

72 0.9 11.9 35.9#



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 72.00 (71.70 to 72.70): VV0



#49

2-Hexanone

Concen: 3.280 ug/L

RT: 8.18 min Scan# 2204

Delta R.T. -0.01 min

Lab File: VV012982.D

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Tgt Ion: 43 Resp: 11448

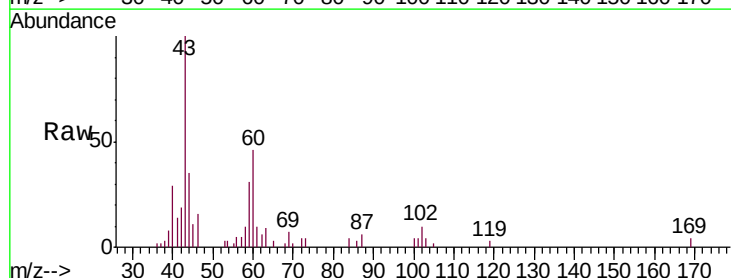
Ion Ratio Lower Upper

43 100

58 11.0 46.5 69.7#

57 0.7 15.5 23.3#

100 1.8 9.7 14.5#

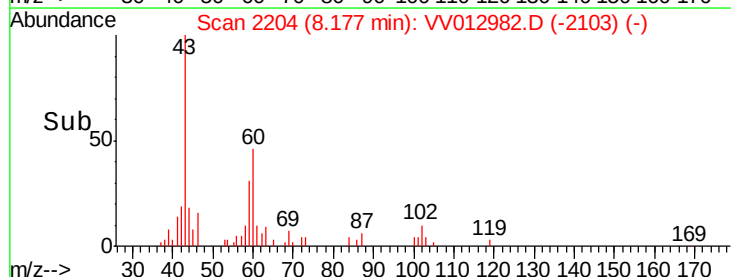
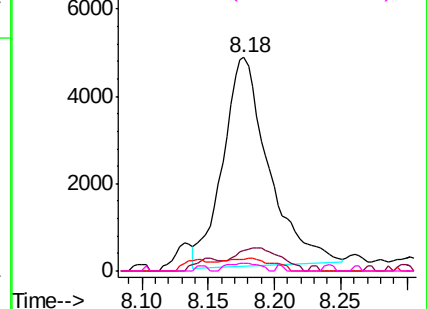


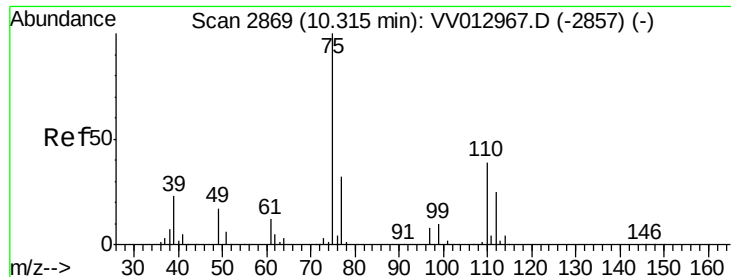
Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0





#59

1,2,3-Trichloropropane

Concen: 2.433 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. 0.98 min

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Instrument :

MSVOA_V

ClientSampleId :

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Tgt Ion: 75 Resp: 11885

Ion Ratio Lower Upper

75 100

77 37.1 25.4 38.0

