

Data File : VV012980.D
Acq On : 25 Sep 2019 16:48
Operator : SY/MD
Sample : K4988-02
Misc : 5.34G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ESNY5

Quant Time: Sep 26 01:15:02 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	364596	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	301761	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	92204	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	85115	15.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.20%
7) Chloroethane-d5	1.58	69	100263	21.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.68%
10) 1,1-Dichloroethene-d2	2.13	63	114583	12.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	48.72%
20) 2-Butanone-d5	3.94	46	14243	7.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	14.58%#
24) Chloroform-d	4.40	84	233290	23.29	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.16%
26) 1,2-Dichloroethane-d4	5.08	65	153434	26.35	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.40%
29) Benzene-d6	5.10	84	358272	21.26	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.04%
33) 1,2-Dichloropropane-d6	6.11	67	153058	28.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	115.92%
37) Toluene-d8	7.36	98	241175	15.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	63.08%
38) trans-1,3-Dichloropropene-	7.66	79	19248	8.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	34.44%
39) 2-Hexanone-d5	8.14	63	9039	8.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	17.02%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	107310	21.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.56%
61) 1,2-Dichlorobenzene-d4	11.67	152	67218	18.76	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	75.04%

Target Compounds

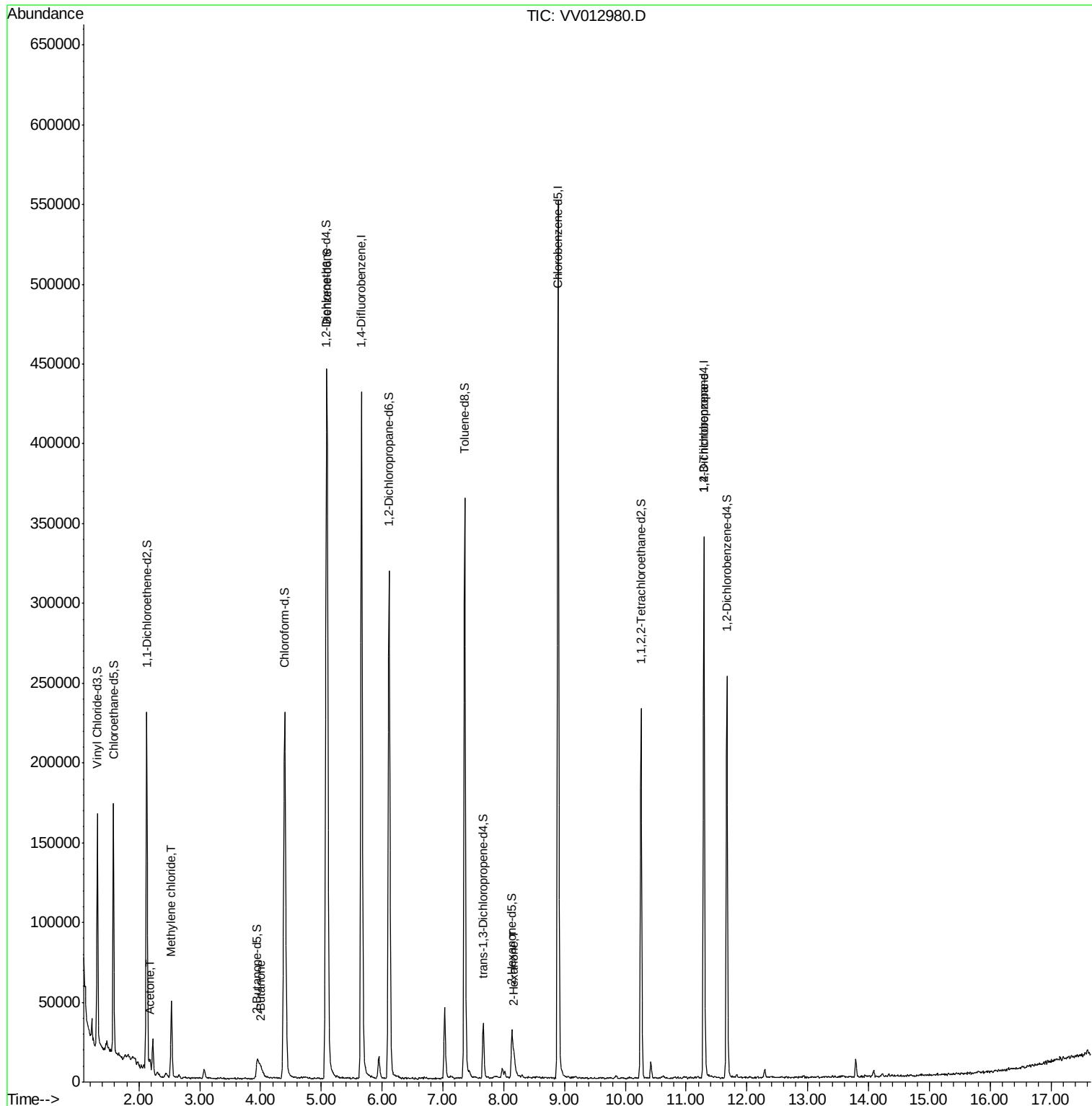
					Qvalue
13) Acetone	2.19	43	6187	2.980 ug/L	94
16) Methylene chloride	2.53	84	19023	3.491 ug/L	98
21) 2-Butanone	4.01	43	6900	2.856 ug/L #	51
49) 2-Hexanone	8.17	43	9310	3.442 ug/L #	43
59) 1,2,3-Trichloropropane	11.29	75	10177	2.688 ug/L	90

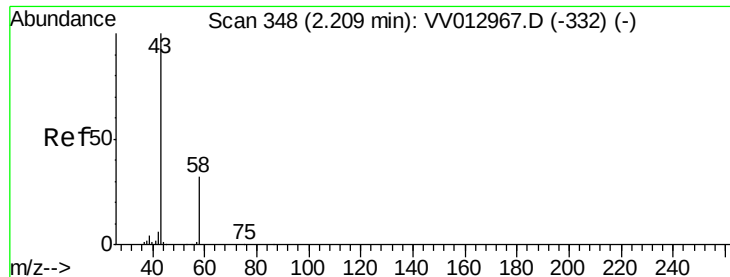
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.980 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.02 min

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ClientSampleId :

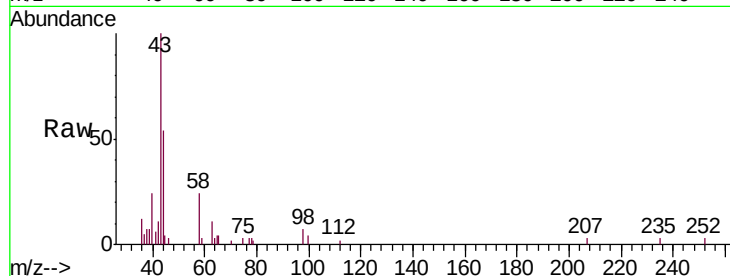
ESNY5

Tgt Ion: 43 Resp: 6187

Ion Ratio Lower Upper

43 100

58 29.3 0.0 65.0



Abundance Ion 43.00 (42.70 to 43.70): VV012967.D (-332) (-)

Ion 58.00 (57.70 to 58.70): VV012967.D (-332) (-)

5000

4000

3000

2000

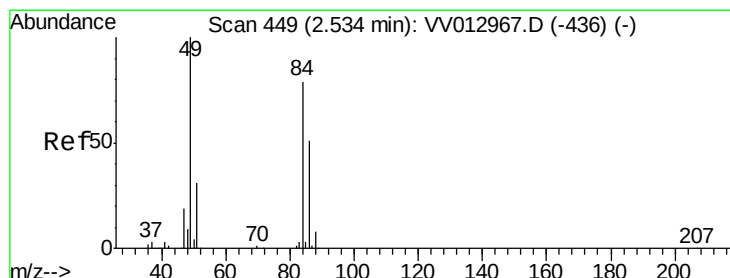
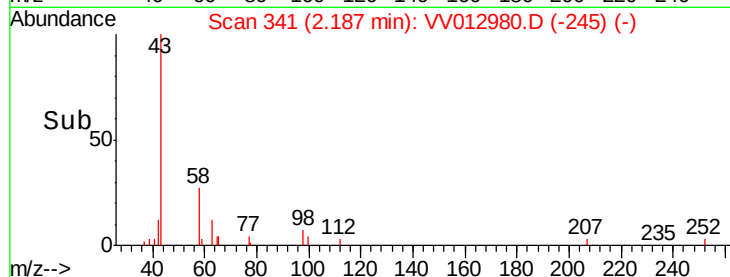
1000

0

Time-->

2.15

2.20



#16

Methylene chloride

Concen: 3.491 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

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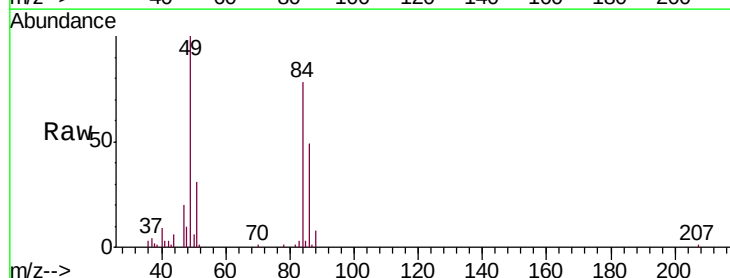
Tgt Ion: 84 Resp: 19023

Ion Ratio Lower Upper

84 100

49 128.8 88.3 164.1

86 62.5 44.9 83.3



Abundance Ion 84.00 (83.70 to 84.70): VV012967.D (-436) (-)

Ion 49.00 (48.70 to 49.70): VV012967.D (-436) (-)

Ion 86.00 (85.70 to 86.70): VV012967.D (-436) (-)

20000

15000

10000

5000

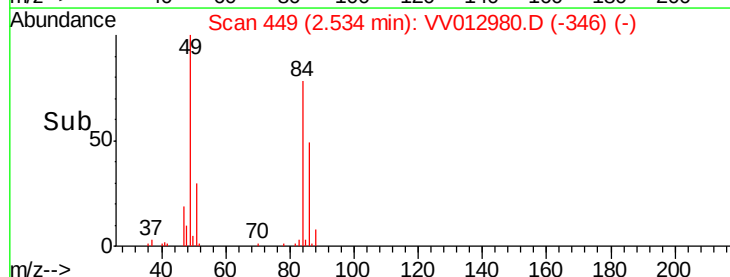
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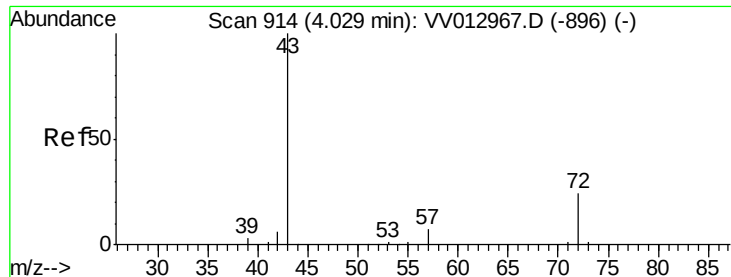
Time-->

2.50

2.55

2.60





#21

2-Butanone

Concen: 2.856 ug/L

RT: 4.01 min Scan# 908

Delta R.T. -0.02 min

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ClientSampleId :

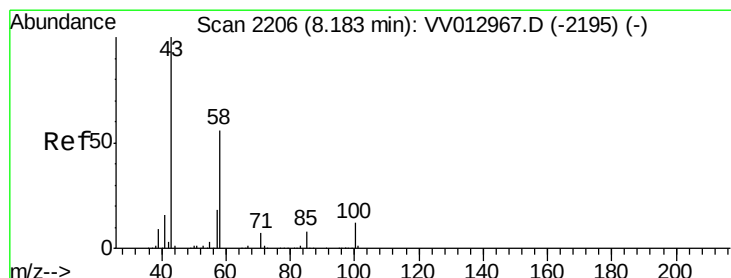
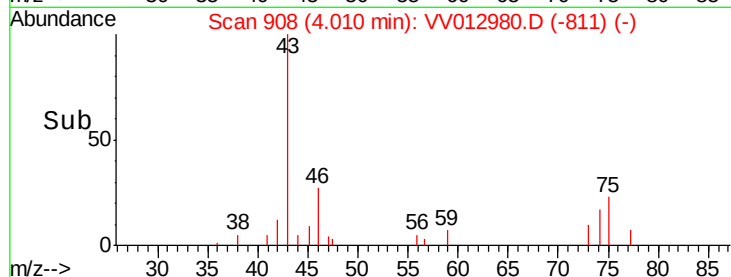
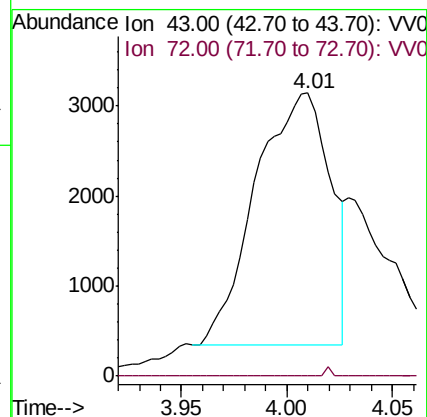
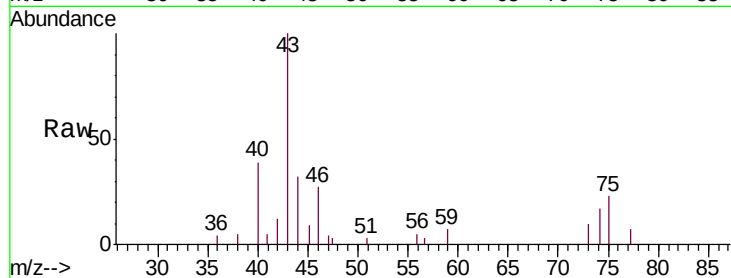
ESNY5

Tgt Ion: 43 Resp: 6900

Ion Ratio Lower Upper

43 100

72 0.0 11.9 35.9#



#49

2-Hexanone

Concen: 3.442 ug/L

RT: 8.17 min Scan# 2202

Delta R.T. -0.01 min

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Tgt Ion: 43 Resp: 9310

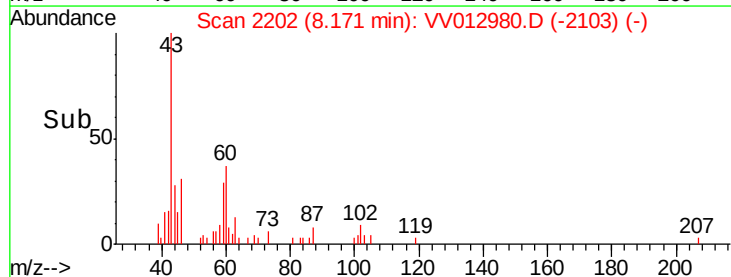
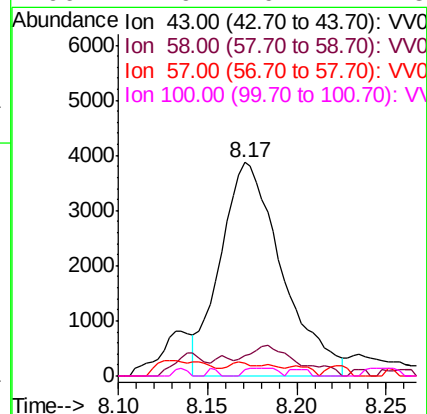
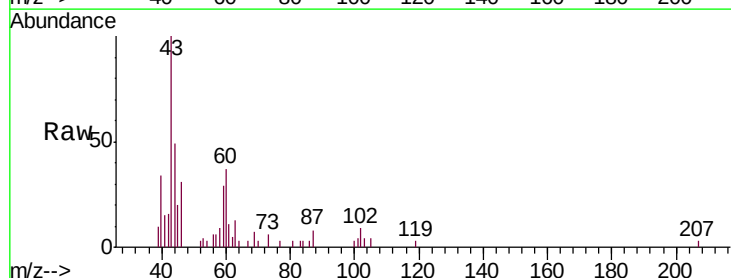
Ion Ratio Lower Upper

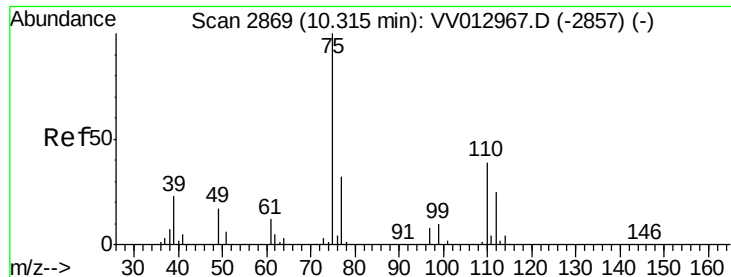
43 100

58 7.0 46.5 69.7#

57 1.0 15.5 23.3#

100 1.9 9.7 14.5#





#59

1,2,3-Trichloropropane

Concen: 2.688 ug/L

RT: 11.29 min Scan# 3172

Delta R.T. 0.97 min

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Instrument :

MSVOA_V

ClientSampleId :

ESNY5

Tgt Ion: 75 Resp: 10177

Ion Ratio Lower Upper

75 100

77 37.1 25.4 38.0

