

Data File : VV012972.D
Acq On : 25 Sep 2019 13:08
Operator : SY/MD
Sample : K4958-04RE
Misc : 3.61G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ESNY2RE

Quant Time: Sep 26 01:13:57 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	721234	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	493871	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	98358	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	214887	19.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.80%
7) Chloroethane-d5	1.58	69	203508	22.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.96%
10) 1,1-Dichloroethene-d2	2.13	63	276399	14.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.40%
20) 2-Butanone-d5	3.95	46	60359	15.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	31.24%
24) Chloroform-d	4.40	84	412265	20.81	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.24%
26) 1,2-Dichloroethane-d4	5.08	65	220585	19.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	76.60%
29) Benzene-d6	5.10	84	806889	29.26	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	117.04%
33) 1,2-Dichloropropane-d6	6.11	67	258027	29.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	119.40%
37) Toluene-d8	7.36	98	565493	22.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.36%
38) trans-1,3-Dichloropropene-	7.66	79	55991	15.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	61.20%
39) 2-Hexanone-d5	8.13	63	33056	19.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	38.02%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	133840	16.30	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	65.20%
61) 1,2-Dichlorobenzene-d4	11.67	152	65764	17.21	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	68.84%#

Target Compounds

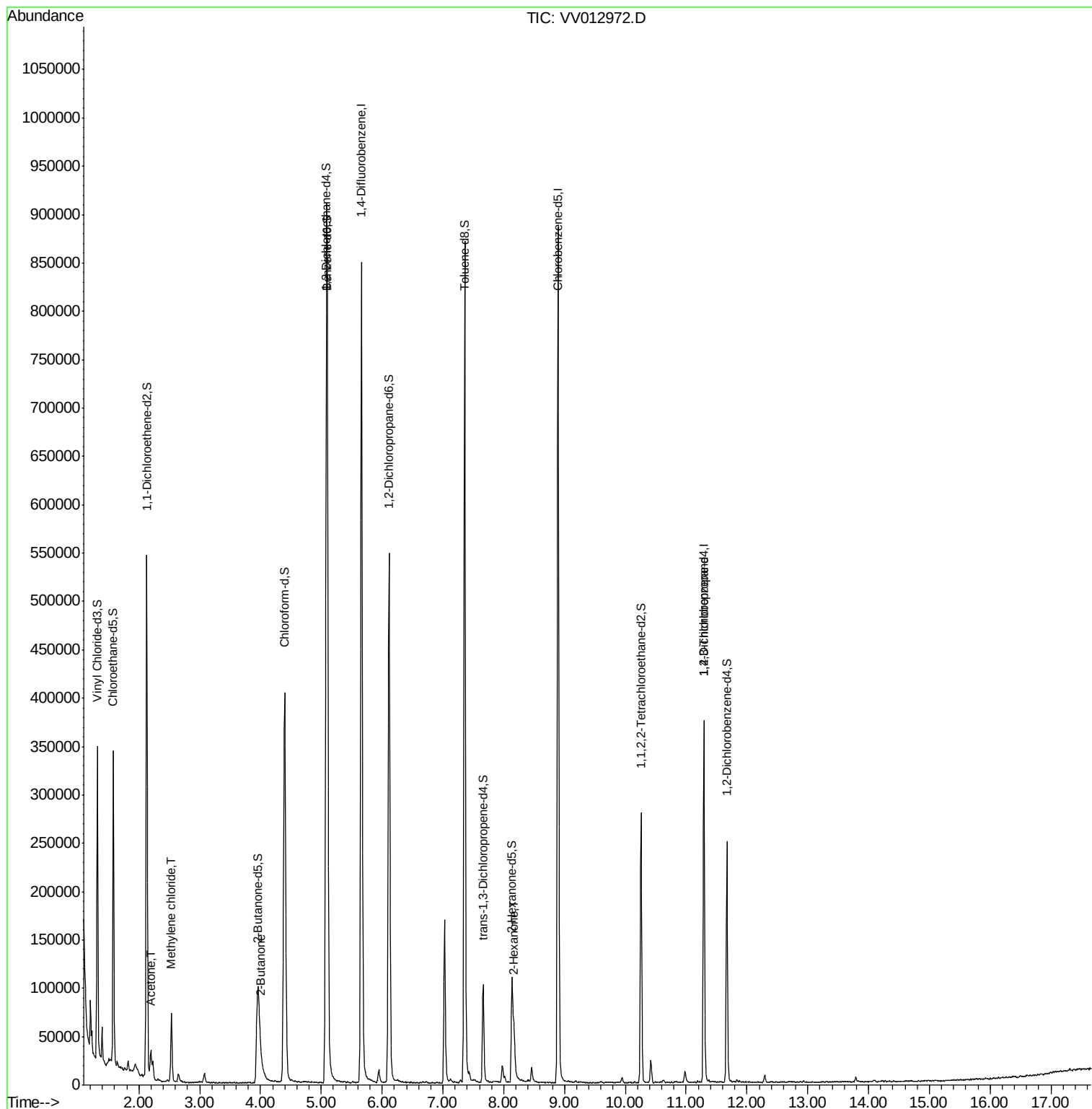
					Qvalue
13) Acetone	2.20	43	32093	7.815 ug/L	98
16) Methylene chloride	2.54	84	27655	2.565 ug/L	96
21) 2-Butanone	4.01	43	36411	7.618 ug/L #	58
49) 2-Hexanone	8.17	43	36144	8.164 ug/L #	36
59) 1,2,3-Trichloropropane	11.29	75	11903	1.921 ug/L	93

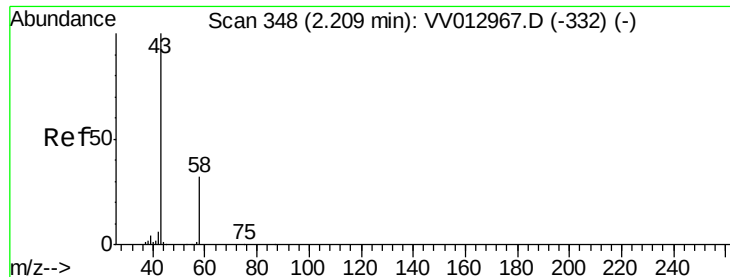
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV012972.D
Acq On : 25 Sep 2019 13:08
Operator : SY/MD
Sample : K4958-04RE
Misc : 3.61G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ESNY2RE

Quant Time: Sep 26 01:13:57 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





#13

Acetone

Concen: 7.815 ug/L

RT: 2.20 min Scan# 344

Delta R.T. -0.01 min

Lab File: VV012972.D

Acq: 25 Sep 2019 13:08

Instrument :

MSVOA_V

ClientSampleId :

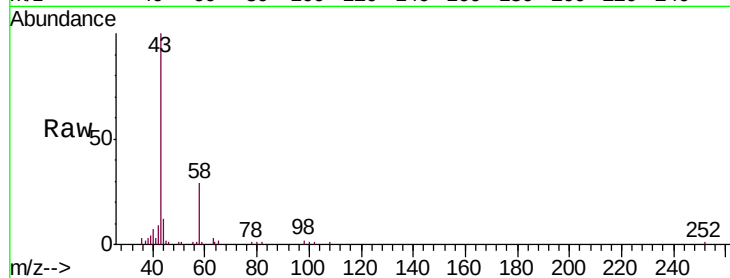
ESNY2RE

Tgt Ion: 43 Resp: 32093

Ion Ratio Lower Upper

43 100

58 33.7 0.0 65.0



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

2.20

20000

15000

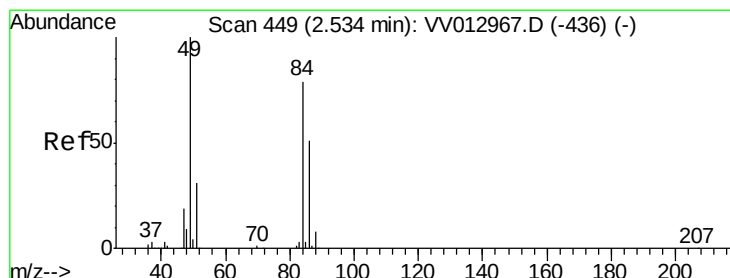
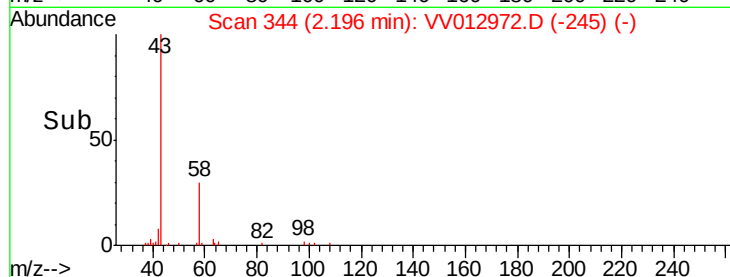
10000

5000

0

Time-->

2.15 2.20 2.25



#16

Methylene chloride

Concen: 2.565 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV012972.D

Acq: 25 Sep 2019 13:08

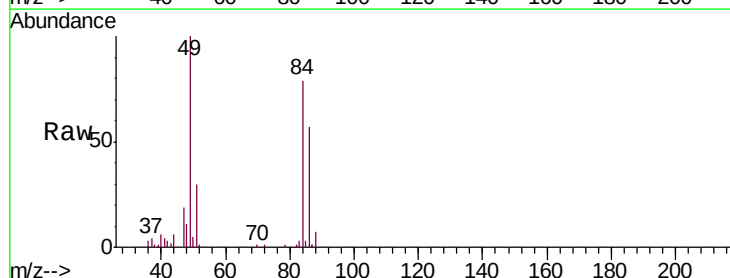
Tgt Ion: 84 Resp: 27655

Ion Ratio Lower Upper

84 100

49 127.1 88.3 164.1

86 72.1 44.9 83.3



Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 49.00 (48.70 to 49.70): VV0

Ion 86.00 (85.70 to 86.70): VV0

30000

25000

20000

15000

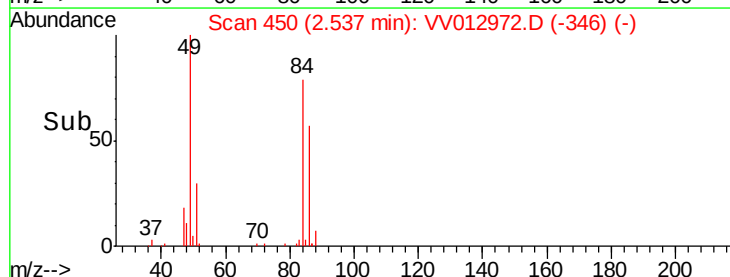
10000

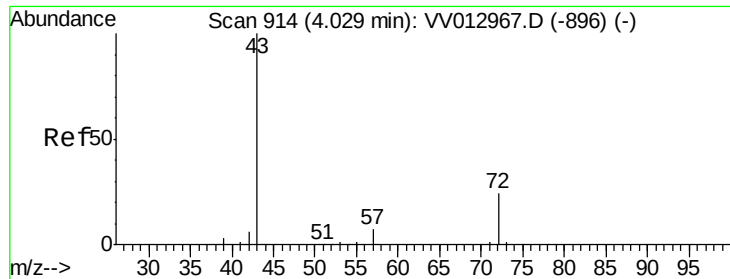
5000

0

Time-->

2.50 2.54 2.60





#21

2-Butanone

Concen: 7.618 ug/L

RT: 4.01 min Scan# 907

Delta R.T. -0.02 min

Lab File: VV012972.D

Acq: 25 Sep 2019 13:08

Instrument :

MSVOA_V

ClientSampleId :

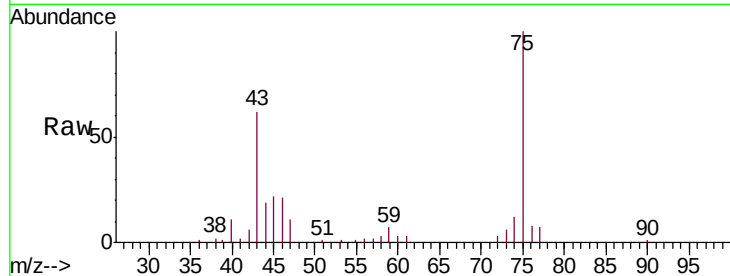
ESNY2RE

Tgt Ion: 43 Resp: 36411

Ion Ratio Lower Upper

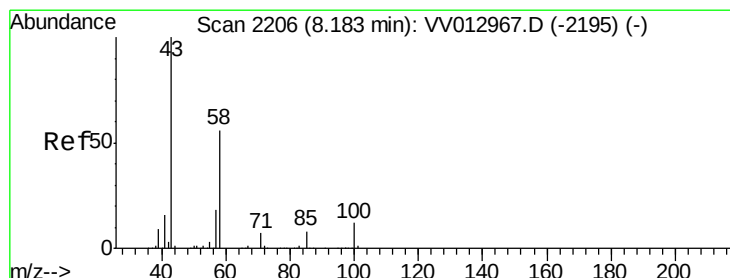
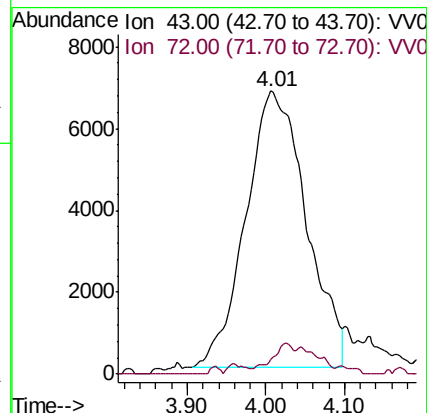
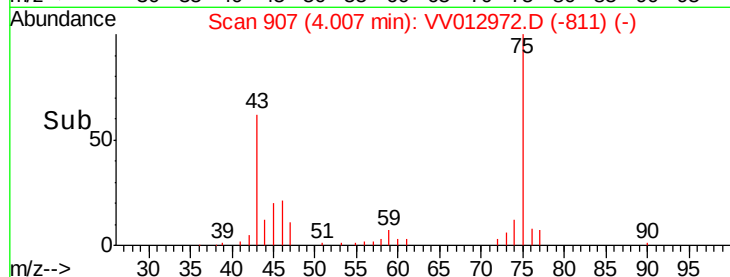
43 100

72 3.0 11.9 35.9#



Abundance Ion 43.00 (42.70 to 43.70): VV012972.D (-811) (-)

Ion 72.00 (71.70 to 72.70): VV012972.D (-811) (-)



#49

2-Hexanone

Concen: 8.164 ug/L

RT: 8.17 min Scan# 2202

Delta R.T. -0.01 min

Lab File: VV012972.D

Acq: 25 Sep 2019 13:08

Tgt Ion: 43 Resp: 36144

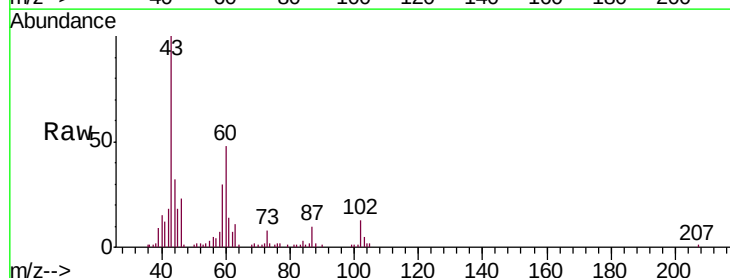
Ion Ratio Lower Upper

43 100

58 0.0 46.5 69.7#

57 0.0 15.5 23.3#

100 0.4 9.7 14.5#

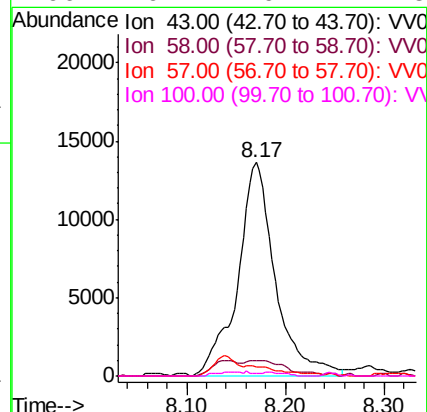
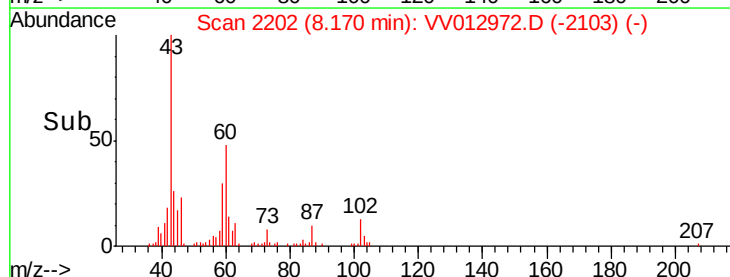


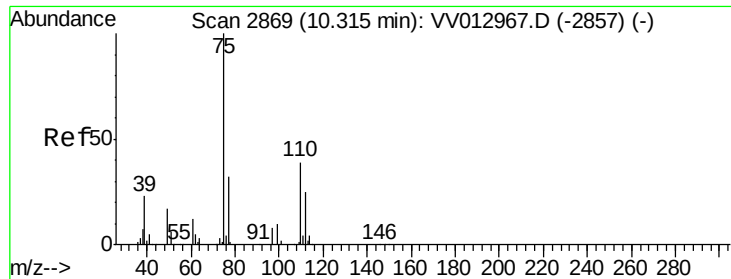
Abundance Ion 43.00 (42.70 to 43.70): VV012972.D (-2103) (-)

Ion 58.00 (57.70 to 58.70): VV012972.D (-2103) (-)

Ion 57.00 (56.70 to 57.70): VV012972.D (-2103) (-)

Ion 100.00 (99.70 to 100.70): VV012972.D (-2103) (-)





#59
 1,2,3-Trichloropropane
 Concen: 1.921 ug/L
 RT: 11.29 min Scan# 3172
 Delta R.T. 0.97 min
 Lab File: VV012972.D
 Acq: 25 Sep 2019 13:08

Instrument :
 MSVOA_V
 ClientSampleId :
 ESNY2RE

Tgt Ion: 75 Resp: 11903
 Ion Ratio Lower Upper
 75 100
 77 35.8 25.4 38.0

