

Data File : VV012993.D
Acq On : 26 Sep 2019 12:13
Operator : SY/MD
Sample : K4988-05
Misc : 5.44G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ESNY8

Quant Time: Sep 27 02:17:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 27 02:13:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	602402	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	559284	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	271761	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	206140	22.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.20%
7) Chloroethane-d5	1.58	69	190660	25.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.92%
10) 1,1-Dichloroethene-d2	2.13	63	273068	17.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.28%
20) 2-Butanone-d5	3.93	46	114067	35.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.68%
24) Chloroform-d	4.40	84	402606	24.33	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.32%
26) 1,2-Dichloroethane-d4	5.08	65	243082	25.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.08%
29) Benzene-d6	5.10	84	810710	25.96	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.84%
33) 1,2-Dichloropropane-d6	6.12	67	270220	27.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.44%
37) Toluene-d8	7.36	98	671937	23.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.80%
38) trans-1,3-Dichloropropene-	7.66	79	92263	22.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.04%
39) 2-Hexanone-d5	8.13	63	79946	40.59	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.18%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	220234	23.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.76%
61) 1,2-Dichlorobenzene-d4	11.67	152	241983	22.92	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.68%

Target Compounds

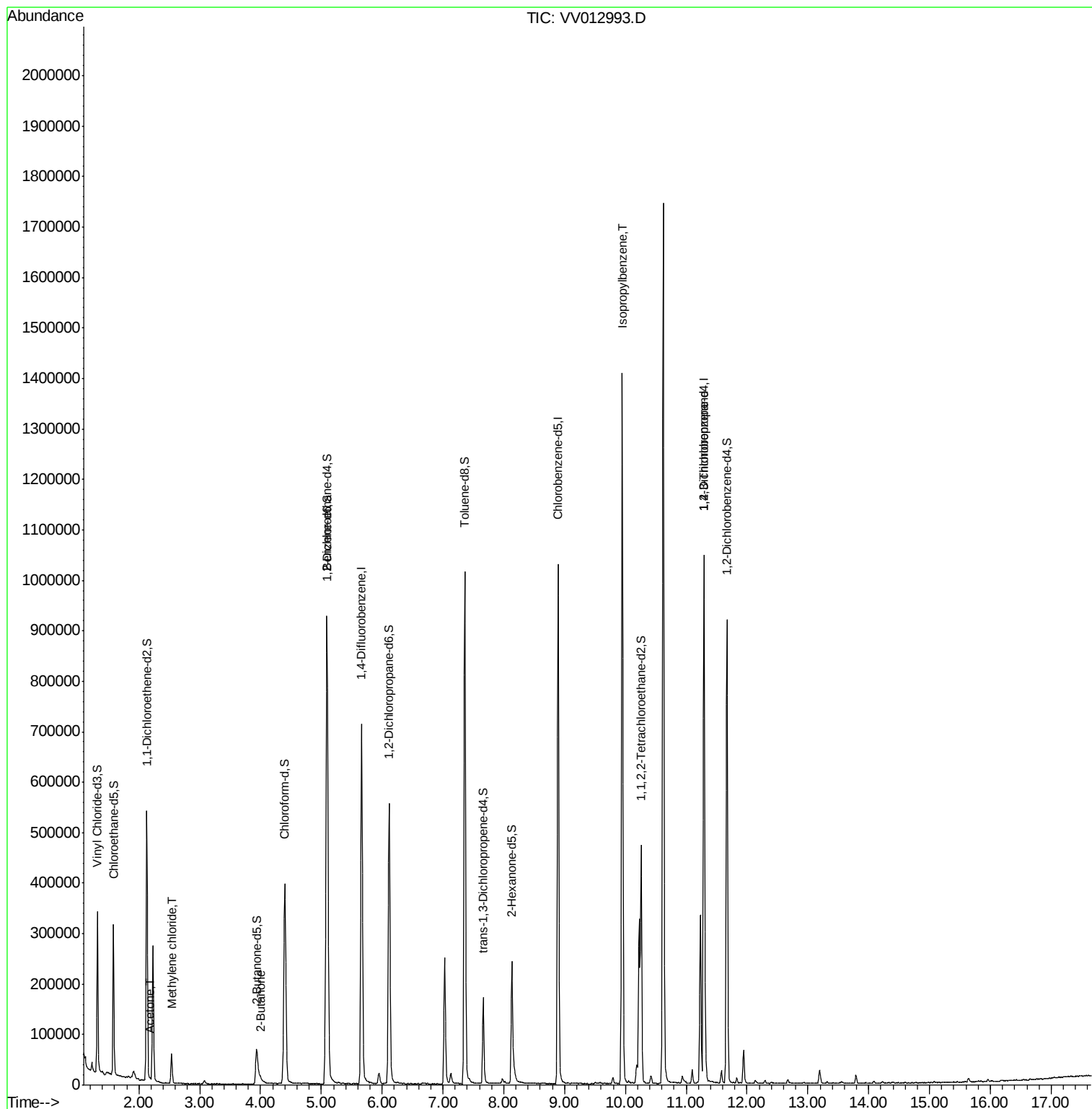
					Qvalue
13) Acetone	2.19	43	5165	1.506 ug/L	96
16) Methylene chloride	2.54	84	24309	2.700 ug/L	97
21) 2-Butanone	4.01	43	7748	1.941 ug/L #	53
57) Isopropylbenzene	9.95	105	57503	1.671 ug/L #	1
59) 1,2,3-Trichloropropane	11.29	75	31306	4.461 ug/L	90

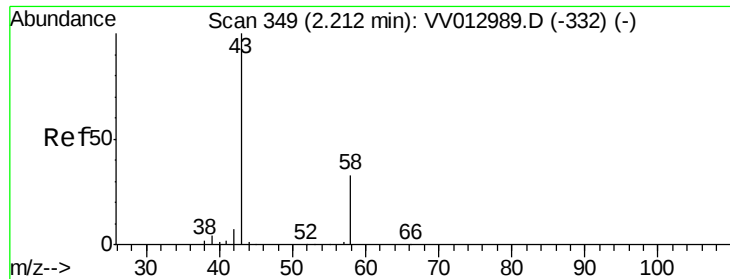
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.506 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.02 min

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MSVOA_V

ClientSampleId :

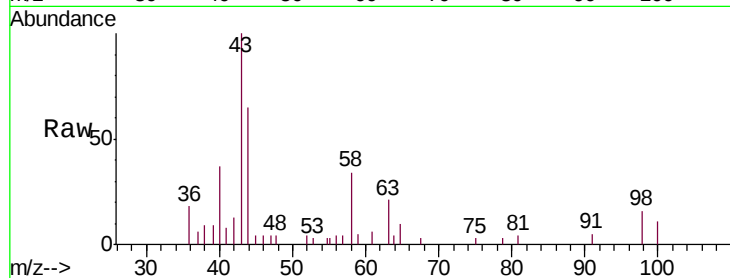
ESNY8

Tgt Ion: 43 Resp: 5165

Ion Ratio Lower Upper

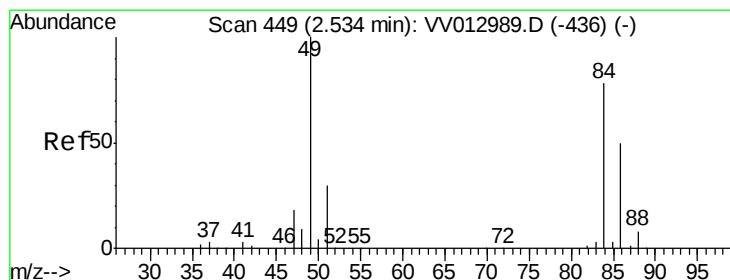
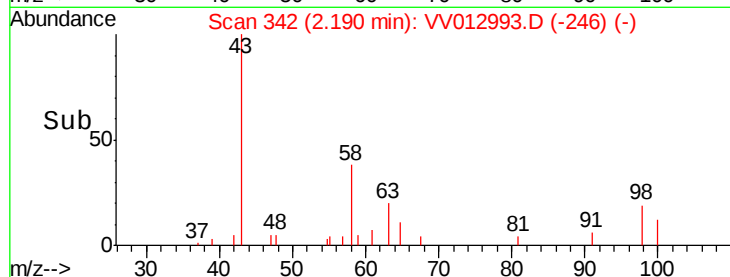
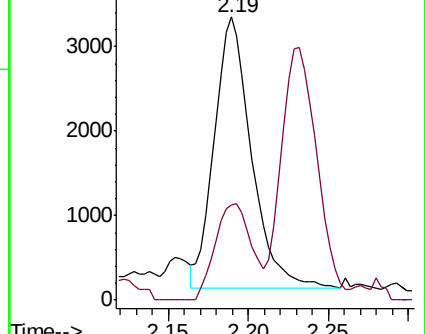
43 100

58 34.6 0.0 65.0



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#16

Methylene chloride

Concen: 2.700 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

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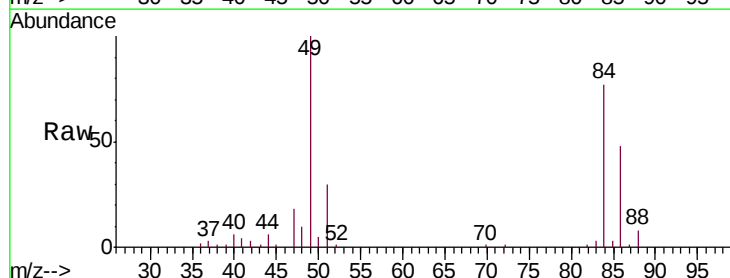
Tgt Ion: 84 Resp: 24309

Ion Ratio Lower Upper

84 100

49 130.6 88.3 164.1

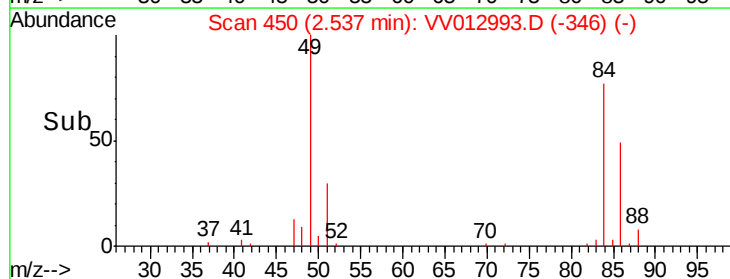
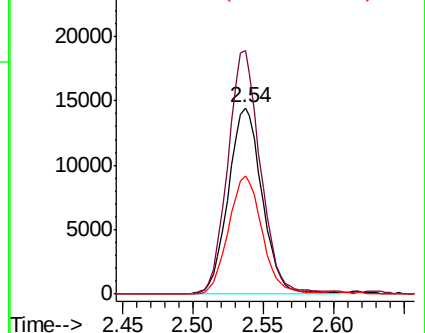
86 63.2 44.9 83.3

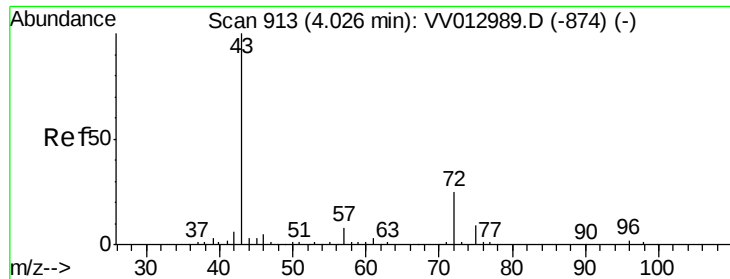


Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 49.00 (48.70 to 49.70): VV0

Ion 86.00 (85.70 to 86.70): VV0





#21

2-Butanone

Concen: 1.941 ug/L

RT: 4.01 min Scan# 907

Delta R.T. -0.02 min

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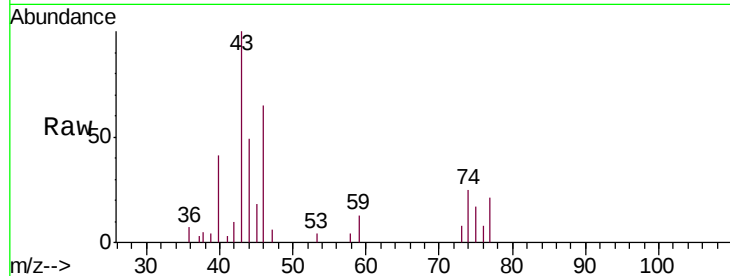
ESNY8

Tgt Ion: 43 Resp: 7748

Ion Ratio Lower Upper

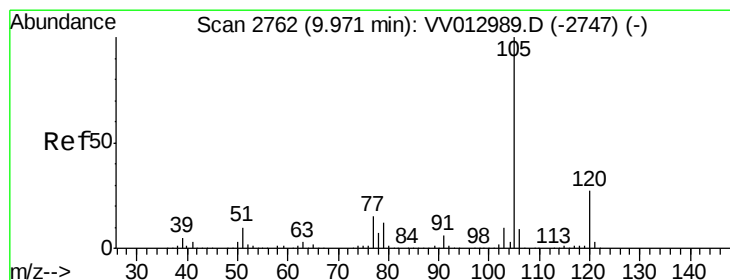
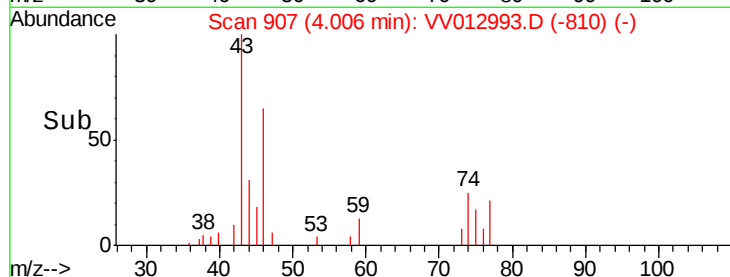
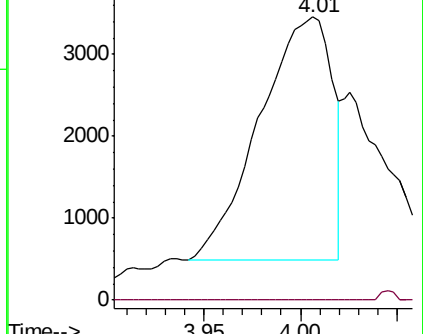
43 100

72 0.8 11.9 35.9#



Abundance Ion 43.00 (42.70 to 43.70): VV012989.D (-874) (-)

Ion 72.00 (71.70 to 72.70): VV012989.D (-874) (-)



#57

Isopropylbenzene

Concen: 1.671 ug/L

RT: 9.95 min Scan# 2755

Delta R.T. -0.02 min

Lab File: VV012993.D

Acq: 26 Sep 2019 12:13

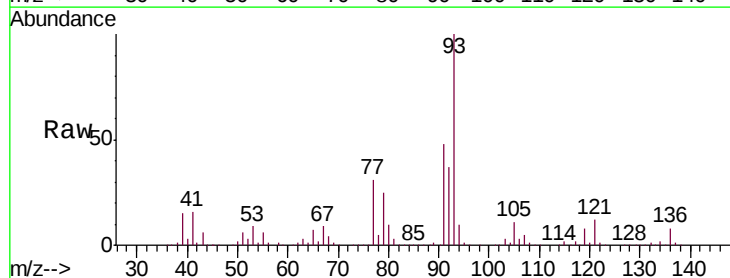
Tgt Ion: 105 Resp: 57503

Ion Ratio Lower Upper

105 100

120 10.9 21.4 32.0#

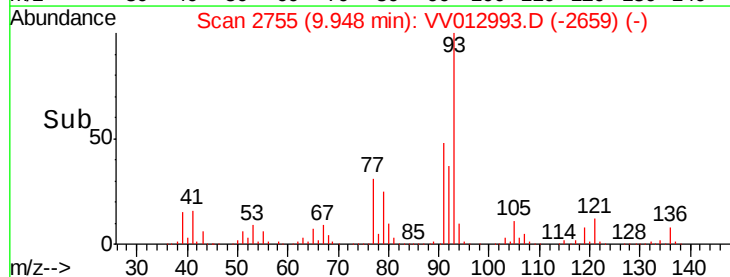
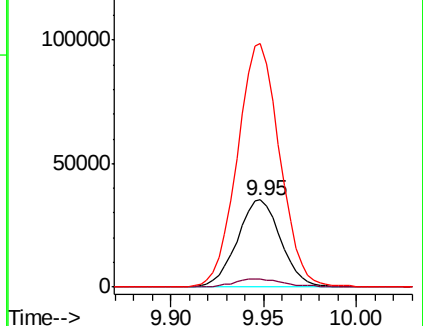
77 273.8 12.2 18.4#

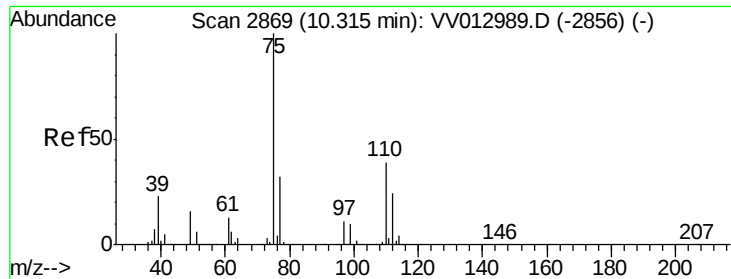


Abundance Ion 105.00 (104.70 to 105.70): VV012989.D (-2747) (-)

Ion 120.00 (119.70 to 120.70): VV012989.D (-2747) (-)

Ion 77.00 (76.70 to 77.70): VV012989.D (-2747) (-)





#59

1,2,3-Trichloropropane

Concen: 4.461 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. 0.98 min

Lab File: VV012993.D

Acq: 26 Sep 2019 12:13

Instrument :

MSVOA_V

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Tgt Ion: 75 Resp: 31306

Ion Ratio Lower Upper

75 100

77 37.3 25.4 38.0

