

Data File : VV012985.D
Acq On : 25 Sep 2019 19:06
Operator : SY/MD
Sample : K4988-10
Misc : 5.08G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ESNZ7

Quant Time: Sep 26 01:15:45 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	617285	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	571230	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	205022	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	209547	21.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.52%
7) Chloroethane-d5	1.58	69	188993	24.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.64%
10) 1,1-Dichloroethene-d2	2.13	63	277568	17.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.72%
20) 2-Butanone-d5	3.93	46	95149	28.77	ug/L	-0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	57.54%
24) Chloroform-d	4.40	84	398775	23.52	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.08%
26) 1,2-Dichloroethane-d4	5.08	65	243124	24.66	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.64%
29) Benzene-d6	5.10	84	797506	25.01	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.04%
33) 1,2-Dichloropropane-d6	6.12	67	269725	26.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.92%
37) Toluene-d8	7.36	98	646946	22.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.40%
38) trans-1,3-Dichloropropene-	7.66	79	84426	19.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.76%
39) 2-Hexanone-d5	8.13	63	65724	32.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.34%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	209266	22.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.16%
61) 1,2-Dichlorobenzene-d4	11.67	152	197583	24.80	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.20%

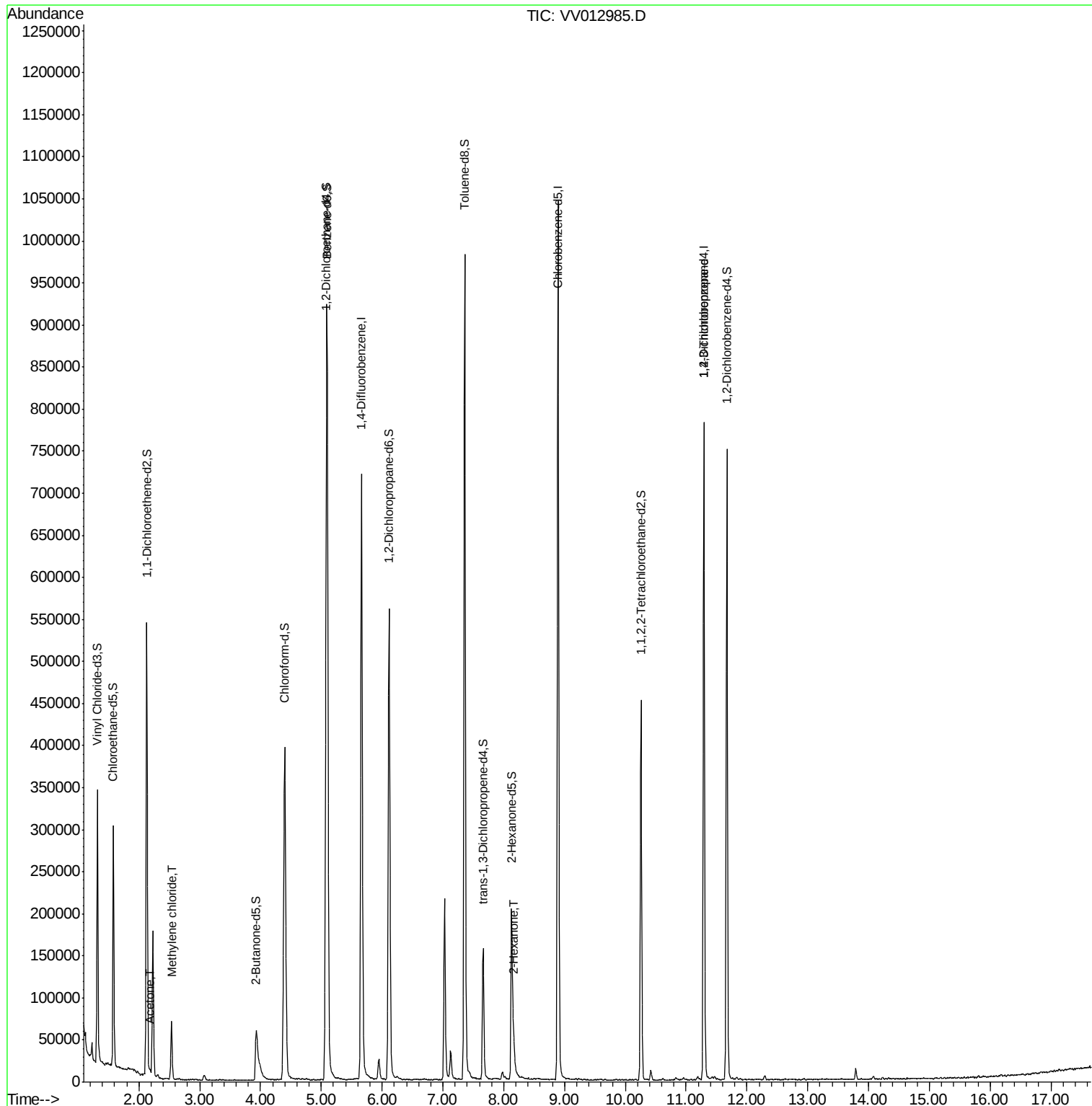
Target Compounds					Qvalue
13) Acetone	2.19	43	5470	1.556 ug/L	93
16) Methylene chloride	2.54	84	28008	3.036 ug/L	96
49) 2-Hexanone	8.16	43	18835	3.678 ug/L #	36
59) 1,2,3-Trichloropropane	11.29	75	23628	3.297 ug/L	94

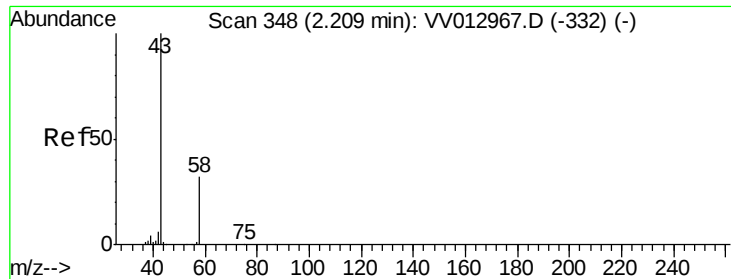
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.556 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.02 min

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MSVOA_V

ClientSampleId :

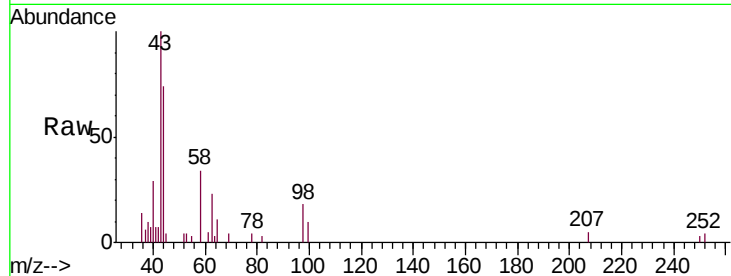
ESNZ7

Tgt Ion: 43 Resp: 5470

Ion Ratio Lower Upper

43 100

58 36.3 0.0 65.0



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

2.19

3000

2000

1000

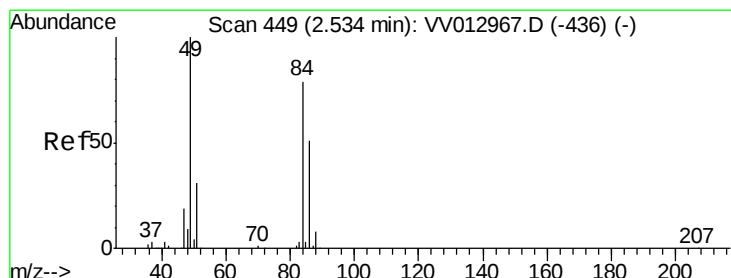
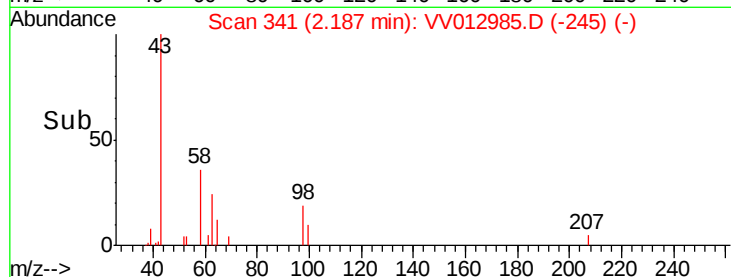
0

2.15

2.20

2.25

Time-->



#16

Methylene chloride

Concen: 3.036 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

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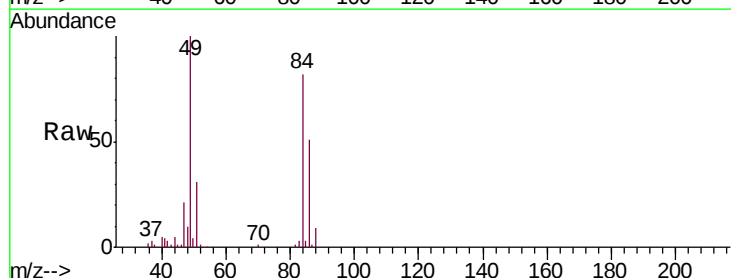
Tgt Ion: 84 Resp: 28008

Ion Ratio Lower Upper

84 100

49 121.4 88.3 164.1

86 62.3 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

25000

20000

15000

10000

5000

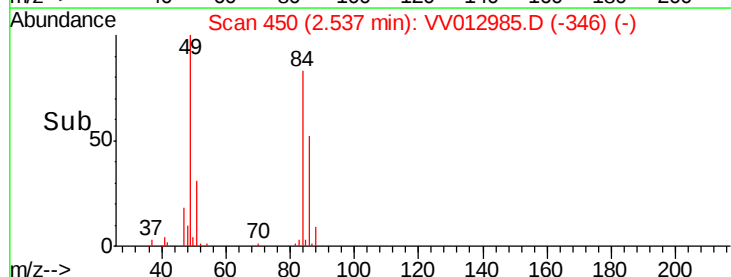
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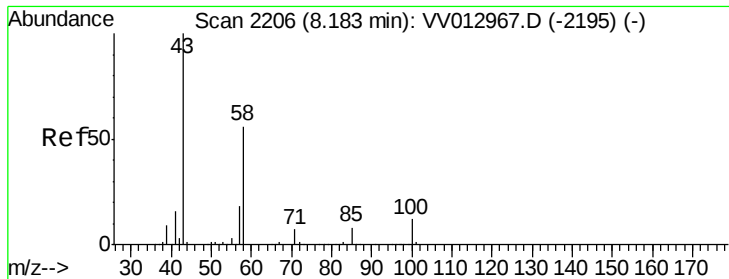
2.50

2.55

2.60

Time-->

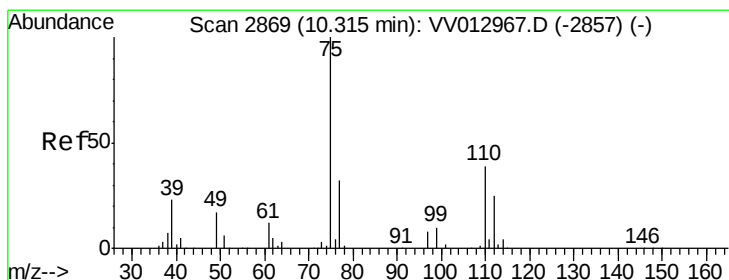
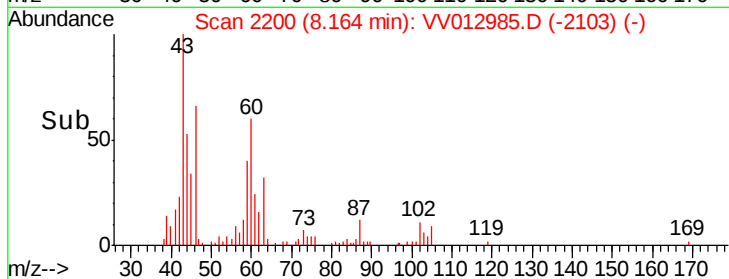
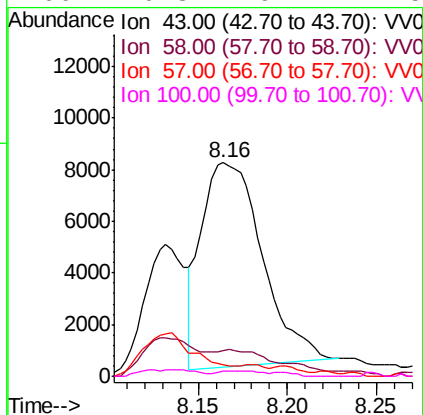
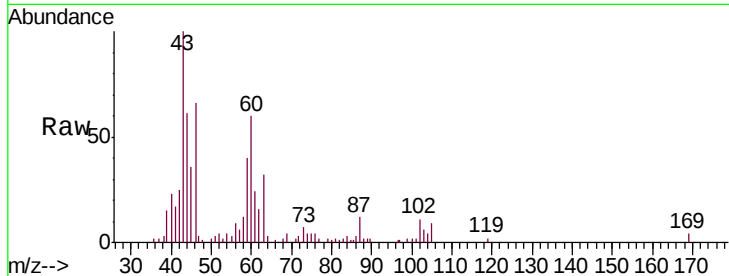




#49
 2-Hexanone
 Concen: 3.678 ug/L
 RT: 8.16 min Scan# 2200
 Delta R.T. -0.02 min
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 ESNZ7

Tgt Ion:	43	Resp:	18835
Ion	Ratio	Lower	Upper
43	100		
58	0.0	46.5	69.7#
57	0.0	15.5	23.3#
100	0.3	9.7	14.5#



#59
 1,2,3-Trichloropropane
 Concen: 3.297 ug/L
 RT: 11.29 min Scan# 3172
 Delta R.T. 0.97 min
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Tgt Ion:	75	Resp:	23628
Ion	Ratio	Lower	Upper
75	100		
77	34.8	25.4	38.0

