

Data File : VV012979.D
Acq On : 25 Sep 2019 16:21
Operator : SY/MD
Sample : K4958-17RE
Misc : 4.61G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ESP01RE

Quant Time: Sep 26 01:14:54 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	686495	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	600919	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	190780	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	152149	14.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.12%
7) Chloroethane-d5	1.58	69	152930	17.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.04%
10) 1,1-Dichloroethene-d2	2.13	63	207991	11.74	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	46.96%
20) 2-Butanone-d5	3.96	46	60780	16.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	33.06%
24) Chloroform-d	4.40	84	346266	18.36	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	73.44%
26) 1,2-Dichloroethane-d4	5.08	65	210112	19.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	76.68%
29) Benzene-d6	5.10	84	676658	20.17	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.68%
33) 1,2-Dichloropropane-d6	6.12	67	231083	21.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.88%
37) Toluene-d8	7.36	98	514842	16.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	67.60%
38) trans-1,3-Dichloropropene-	7.66	79	49671	11.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	44.60%
39) 2-Hexanone-d5	8.14	63	37843	17.88	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	35.76%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	165427	16.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	66.24%
61) 1,2-Dichlorobenzene-d4	11.67	152	126136	17.02	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	68.08%#

Target Compounds

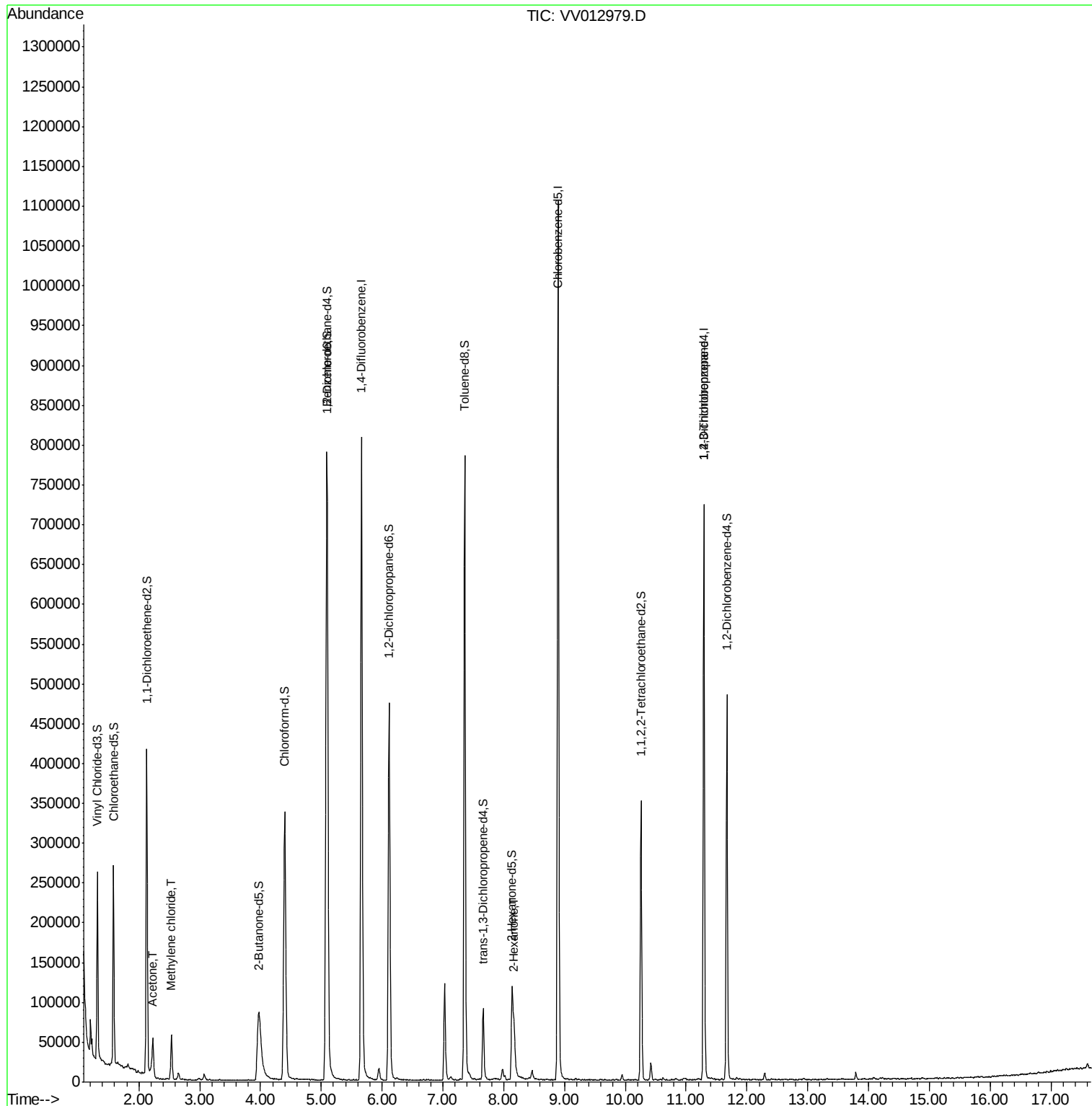
					Qvalue
13) Acetone	2.21	43	21034	5.381 ug/L	89
16) Methylene chloride	2.54	84	20428	1.991 ug/L	96
49) 2-Hexanone	8.17	43	45651	8.474 ug/L #	37
59) 1,2,3-Trichloropropane	11.29	75	22466	2.980 ug/L	91

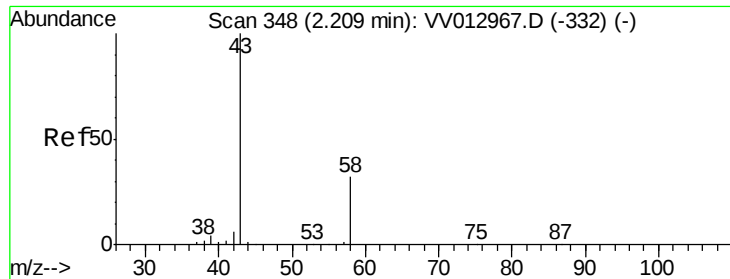
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.381 ug/L

RT: 2.21 min Scan# 348

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampled :

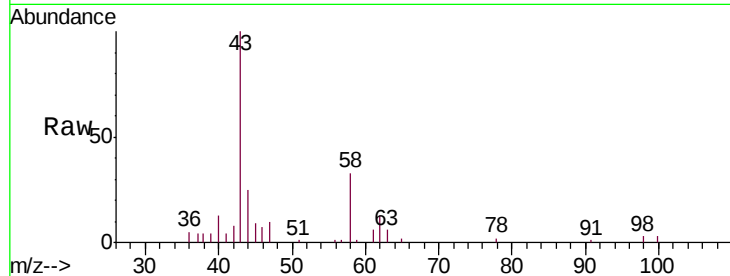
ESP01RE

Tgt Ion: 43 Resp: 21034

Ion Ratio Lower Upper

43 100

58 38.8 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) (-)

2.21

10000

8000

6000

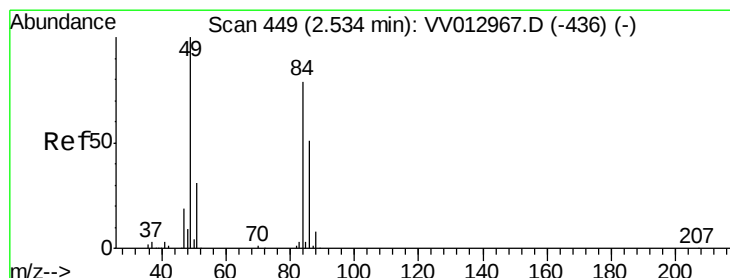
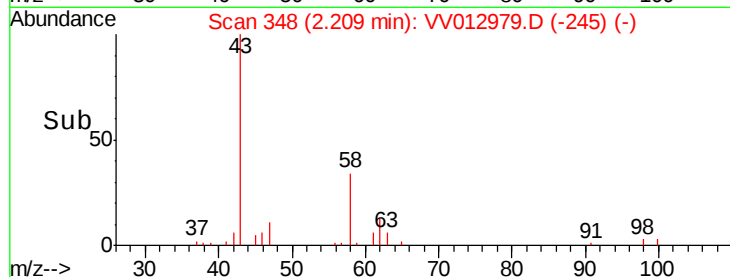
4000

2000

0

Time-->

2.15 2.20 2.25 2.30



#16

Methylene chloride

Concen: 1.991 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

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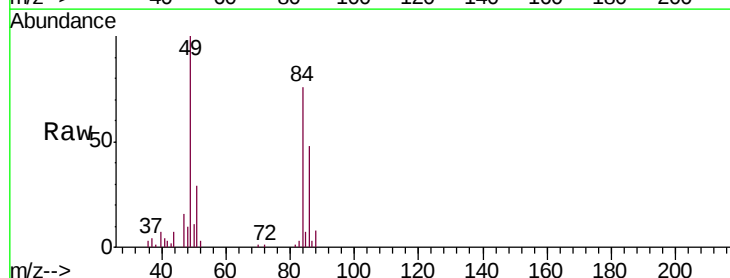
Tgt Ion: 84 Resp: 20428

Ion Ratio Lower Upper

84 100

49 131.6 88.3 164.1

86 63.0 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) (-)

2.54

20000

15000

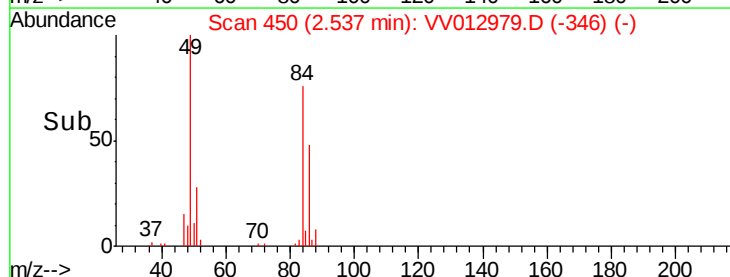
10000

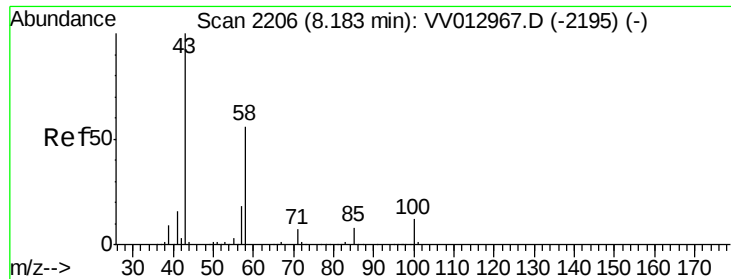
5000

0

Time-->

2.50 2.55

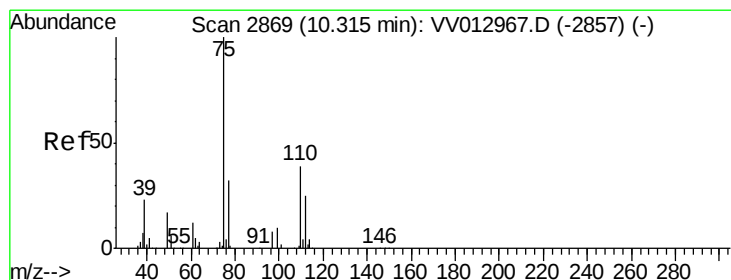
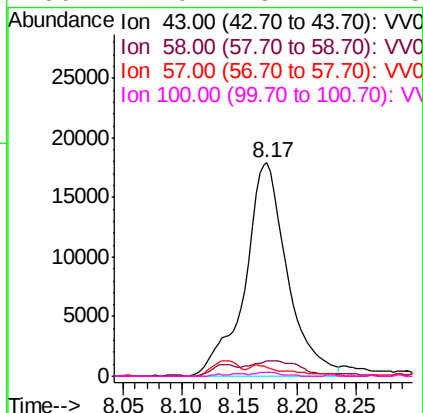
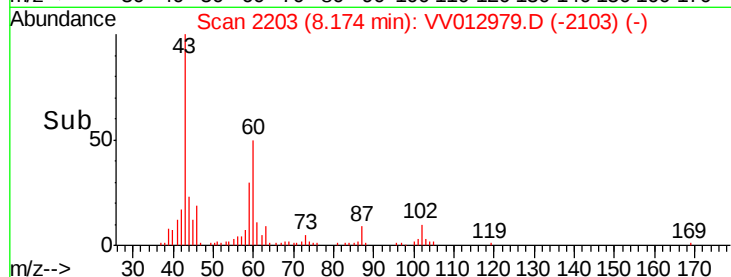
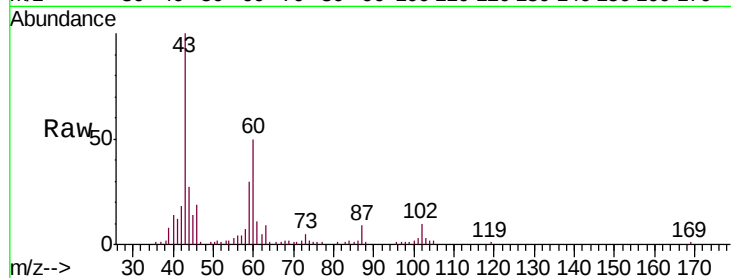




#49
2-Hexanone
Concen: 8.474 ug/L
RT: 8.17 min Scan# 2203
Delta R.T. -0.01 min
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MSVOA_V
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Tgt Ion: 43 Resp: 45651
Ion Ratio Lower Upper
43 100
58 0.0 46.5 69.7#
57 1.6 15.5 23.3#
100 1.0 9.7 14.5#



#59
1,2,3-Trichloropropane
Concen: 2.980 ug/L
RT: 11.29 min Scan# 3173
Delta R.T. 0.98 min
Lab File: VV012979.D
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Tgt Ion: 75 Resp: 22466
Ion Ratio Lower Upper
75 100
77 36.5 25.4 38.0

