

Data File : VV013094.D
Acq On : 10 Oct 2019 16:39
Operator : SY/MD
Sample : K5262-13
Misc : 4.24G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFB77

Quant Time: Oct 11 07:34:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M
Quant Title : VOC Analysis
QLast Update : Fri Oct 11 07:31:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	548351	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	411418	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	99192	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	171805	20.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.76%
7) Chloroethane-d5	1.58	69	177464	25.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.20%
10) 1,1-Dichloroethene-d2	2.13	63	236413	16.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.84%
20) 2-Butanone-d5	3.96	46	102531	34.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.80%
24) Chloroform-d	4.40	84	377034	25.03	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.12%
26) 1,2-Dichloroethane-d4	5.08	65	225937	25.80	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.20%
29) Benzene-d6	5.10	84	711610	30.98	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	123.92%
33) 1,2-Dichloropropane-d6	6.12	67	243085	33.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	135.04%#
37) Toluene-d8	7.36	98	515317	24.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.84%
38) trans-1,3-Dichloropropene-	7.66	79	61862	20.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.16%
39) 2-Hexanone-d5	8.13	63	59409	41.00	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.00%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	174444	25.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.04%
61) 1,2-Dichlorobenzene-d4	11.67	152	95408	24.76	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.04%

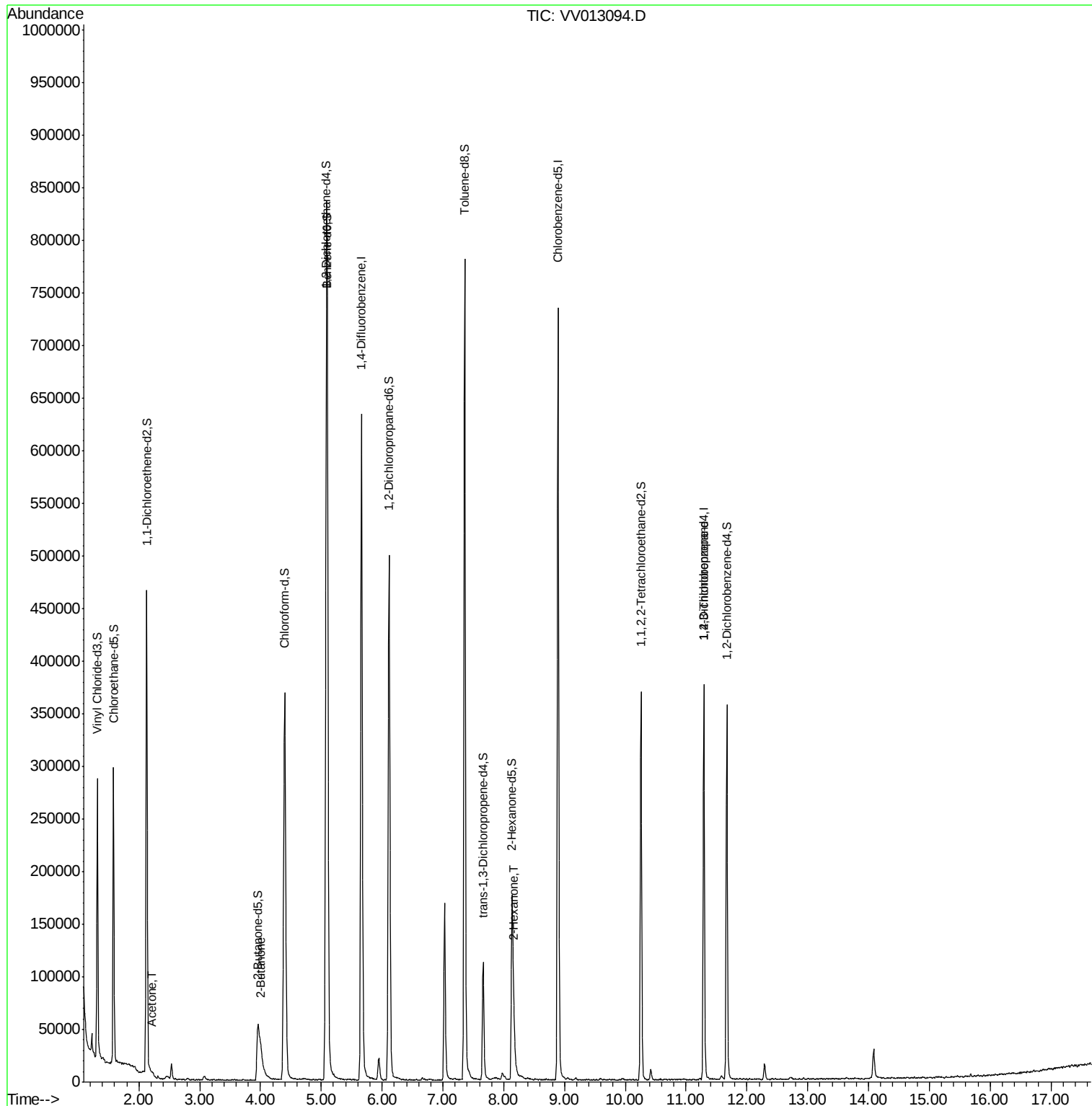
Target Compounds					Qvalue
13) Acetone	2.22	43	4695	1.504 ug/L	58
21) 2-Butanone	4.01	43	37690	10.372 ug/L #	52
49) 2-Hexanone	8.17	43	28500	7.727 ug/L #	36
59) 1,2,3-Trichloropropane	11.29	75	11012	2.133 ug/L	92

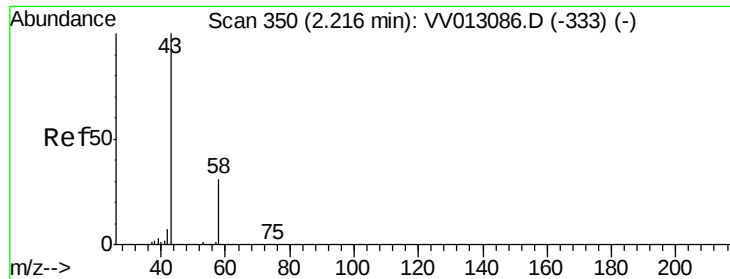
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.504 ug/L

RT: 2.22 min Scan# 352

Delta R.T. 0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

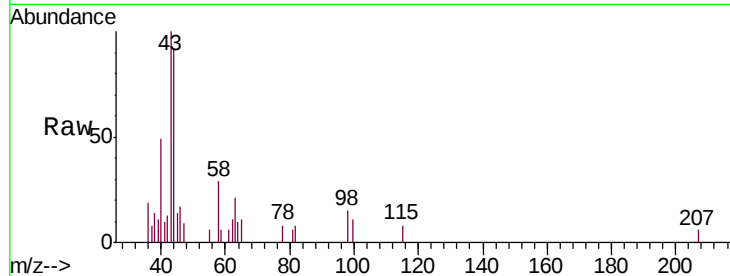
BFB77

Tgt Ion: 43 Resp: 4695

Ion Ratio Lower Upper

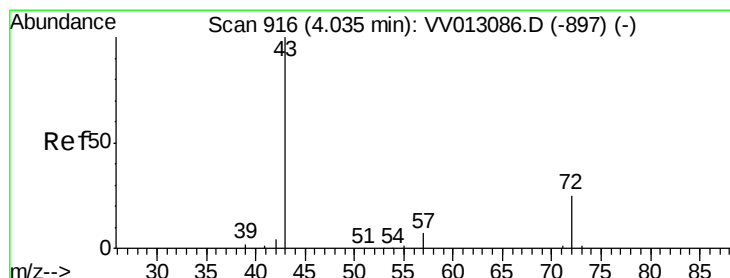
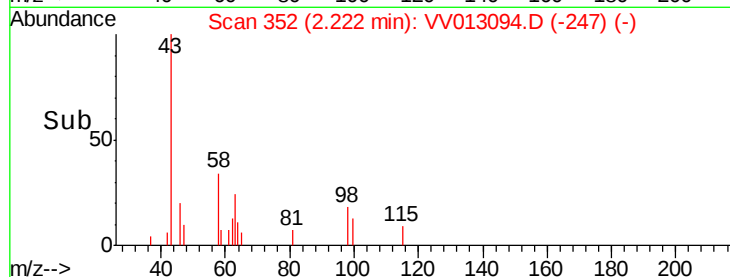
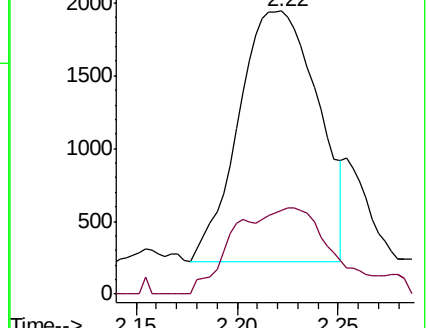
43 100

58 8.7 0.0 65.0



Abundance Ion 43.00 (42.70 to 43.70): VV013086.D (-333) (-)

Ion 58.00 (57.70 to 58.70): VV013086.D (-333) (-)



#21

2-Butanone

Concen: 10.372 ug/L

RT: 4.01 min Scan# 908

Delta R.T. -0.03 min

Lab File: VV013094.D

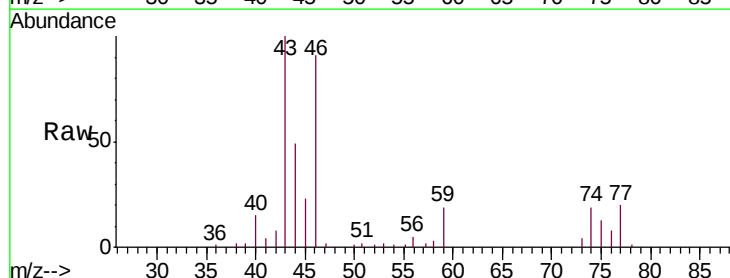
Acq: 10 Oct 2019 16:39

Tgt Ion: 43 Resp: 37690

Ion Ratio Lower Upper

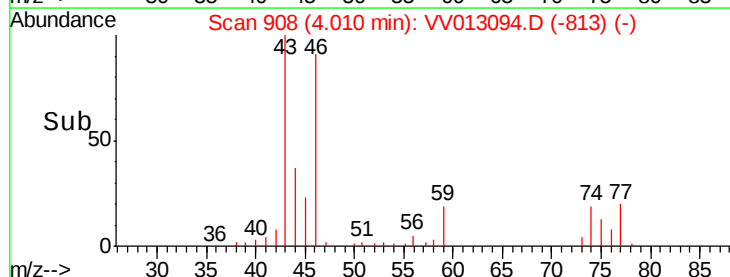
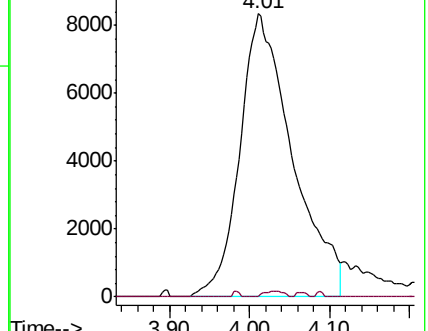
43 100

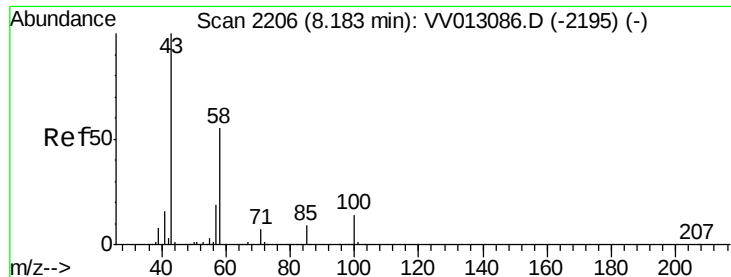
72 0.2 11.9 35.9#



Abundance Ion 43.00 (42.70 to 43.70): VV013086.D (-897) (-)

Ion 72.00 (71.70 to 72.70): VV013086.D (-897) (-)

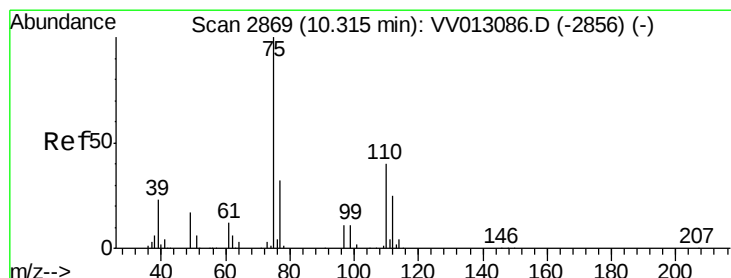
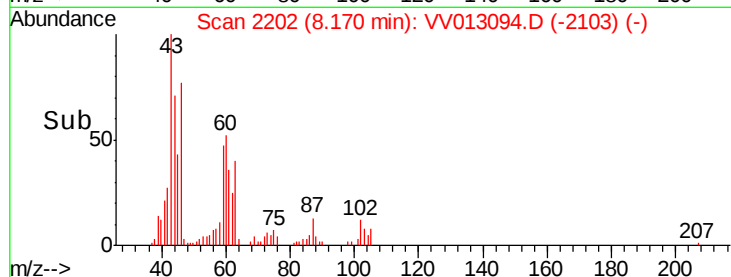
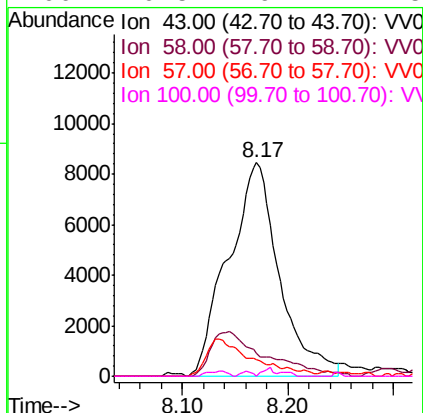
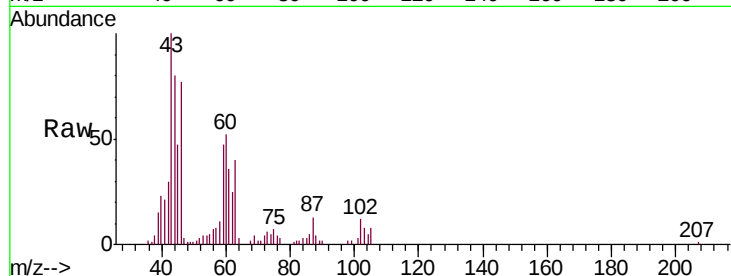




#49
2-Hexanone
Concen: 7.727 ug/L
RT: 8.17 min Scan# 2202
Delta R.T. -0.01 min
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Tgt Ion	Ratio	Lower	Upper
43	100		
58	0.0	46.5	69.7#
57	0.0	15.5	23.3#
100	0.5	9.7	14.5#



#59
1,2,3-Trichloropropane
Concen: 2.133 ug/L
RT: 11.29 min Scan# 3172
Delta R.T. 0.97 min
Lab File: VV013094.D
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Tgt Ion	Ratio	Lower	Upper
75	100		
77	36.0	25.4	38.0

