

Data File : VV011163.D
Acq On : 31 May 2019 05:41
Operator : SY/MD
Sample : K3017-10
Misc : 2.77G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51E3

Quant Time: May 31 08:25:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM053019S.M
Quant Title : VOC Analysis
QLast Update : Fri May 31 08:21:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	394600	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	333085	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	103146	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	107947	20.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.88%
7) Chloroethane-d5	1.56	69	94302	22.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.92%
10) 1,1-Dichloroethene-d2	2.11	63	173200	15.80	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.20%
20) 2-Butanone-d5	3.93	46	96974	49.70	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.40%
24) Chloroform-d	4.39	84	238046	24.68	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.72%
26) 1,2-Dichloroethane-d4	5.07	65	153446	24.41	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.64%
29) Benzene-d6	5.09	84	490551	27.12	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.48%
33) 1,2-Dichloropropane-d6	6.11	67	162058	27.96	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.84%
37) Toluene-d8	7.36	98	422486	24.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.00%
38) trans-1,3-Dichloropropene-	7.66	79	60664	23.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.52%
39) 2-Hexanone-d5	8.13	63	68906	52.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.62%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	121300	23.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.88%
61) 1,2-Dichlorobenzene-d4	11.67	152	88932	23.04	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.16%

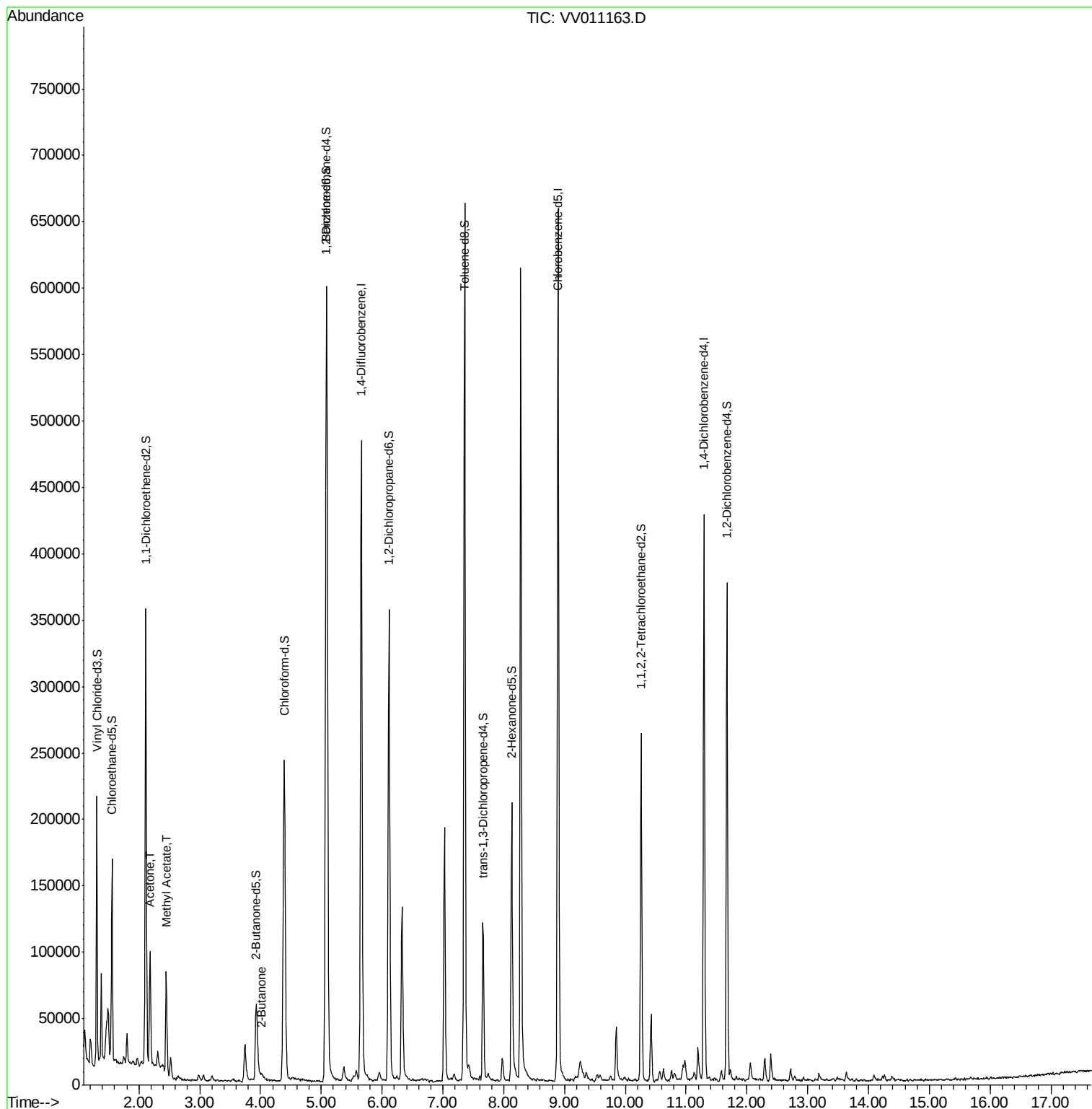
Target Compounds					Qvalue
13) Acetone	2.18	43	82364	36.282 ug/L	99
15) Methyl Acetate	2.45	43	87628	25.653 ug/L	96
21) 2-Butanone	4.02	43	5849	2.196 ug/L #	69

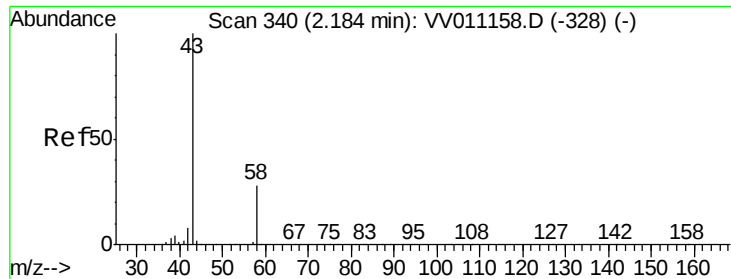
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 36.282 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

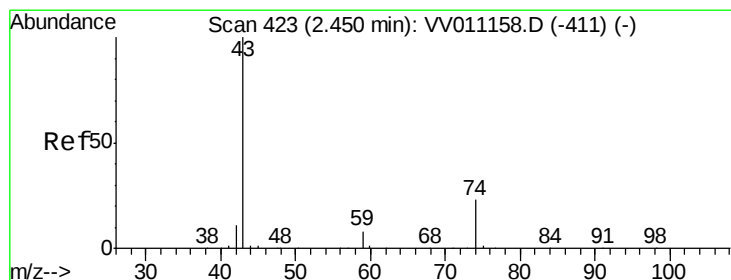
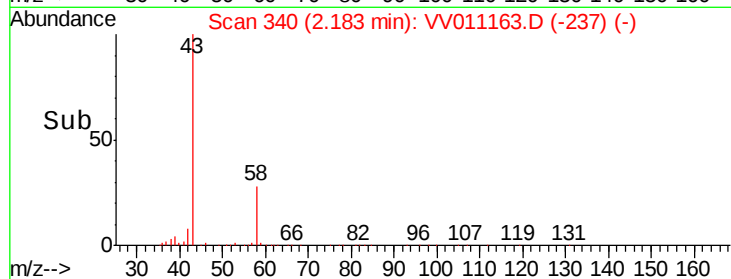
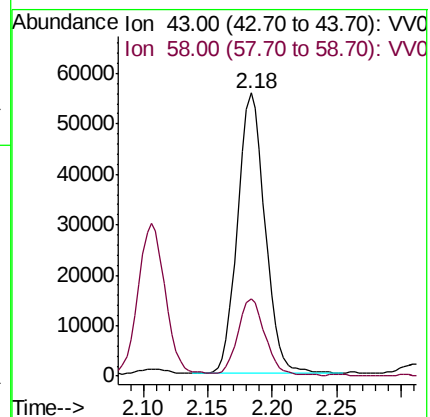
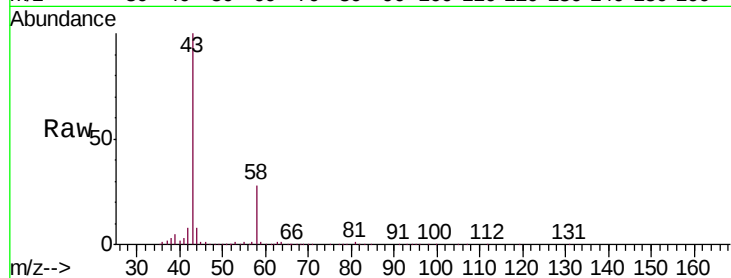
A51E3

Tgt Ion: 43 Resp: 82364

Ion Ratio Lower Upper

43 100

58 27.4 0.0 53.8



#15

Methyl Acetate

Concen: 25.653 ug/L

RT: 2.45 min Scan# 423

Delta R.T. -0.00 min

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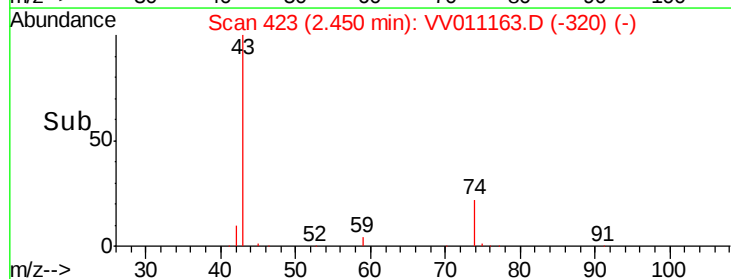
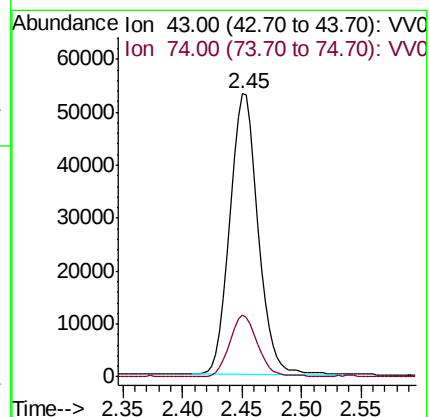
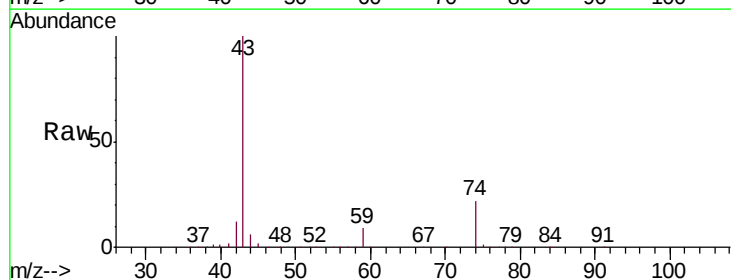
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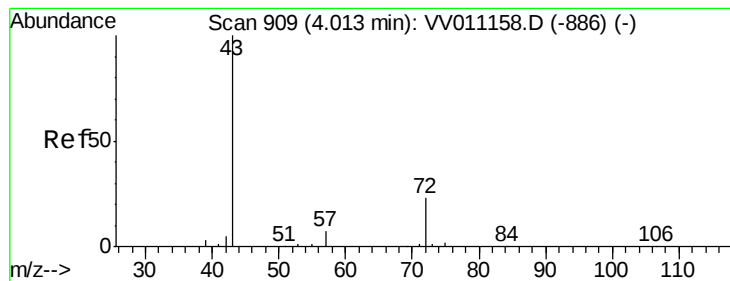
Tgt Ion: 43 Resp: 87628

Ion Ratio Lower Upper

43 100

74 22.1 16.2 24.4





#21

2-Butanone

Concen: 2.196 ug/L

RT: 4.02 min Scan# 912

Delta R.T. 0.01 min

Lab File: VV011163.D

Acq: 31 May 2019 05:41

Instrument :
MSVOA_V
ClientSampleId :
A51E3

Tgt Ion: 43 Resp: 5849

Ion Ratio Lower Upper

43 100

72 7.3 11.1 33.3#

