

Data File : VV011016.D
Acq On : 22 May 2019 14:16
Operator : SY/MD
Sample : K2788-07
Misc : 5.10G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: May 23 08:04:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
Quant Title : VOC Analysis
QLast Update : Thu May 23 08:00:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	132412	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	134231	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	57497	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	33535	22.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.88%
7) Chloroethane-d5	1.57	69	24143	23.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.48%
10) 1,1-Dichloroethene-d2	2.12	63	50418	17.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.48%
20) 2-Butanone-d5	3.94	46	27766	53.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.62%
24) Chloroform-d	4.40	84	74720	21.78	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.12%
26) 1,2-Dichloroethane-d4	5.08	65	49856	24.67	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.68%
29) Benzene-d6	5.09	84	177558	24.23	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.92%
33) 1,2-Dichloropropane-d6	6.12	67	58341	25.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.20%
37) Toluene-d8	7.36	98	162400	23.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.36%
38) trans-1,3-Dichloropropene-	7.66	79	22437	23.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.88%
39) 2-Hexanone-d5	8.13	63	20071	46.22	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.44%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	55406	23.83	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.32%
61) 1,2-Dichlorobenzene-d4	11.67	152	60429	25.88	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.52%

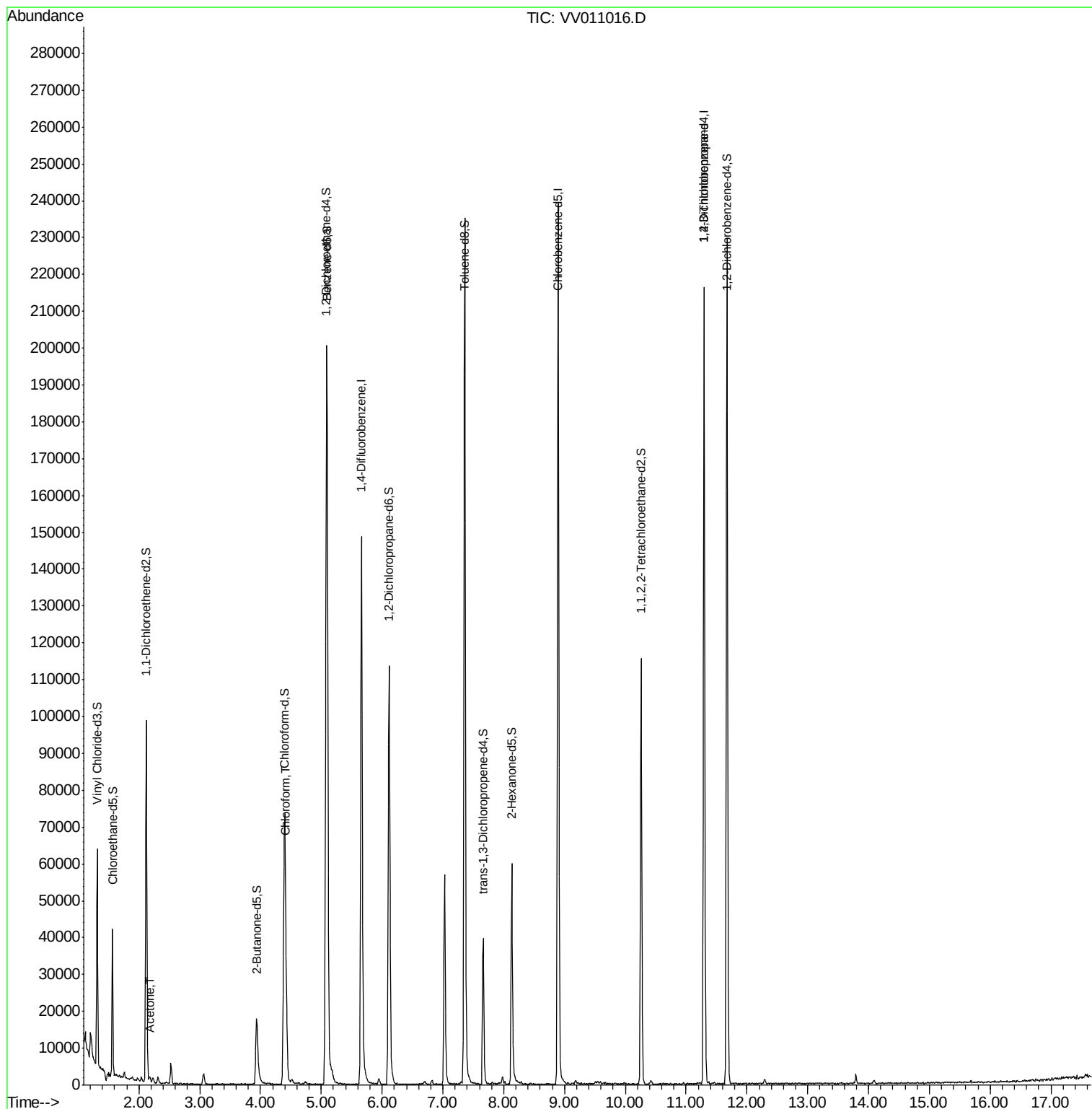
Target Compounds					Qvalue
13) Acetone	2.19	43	641	1.276 ug/L	92
25) Chloroform	4.42	83	14572	3.669 ug/L	92
59) 1,2,3-Trichloropropane	11.29	75	7501	4.475 ug/L	90

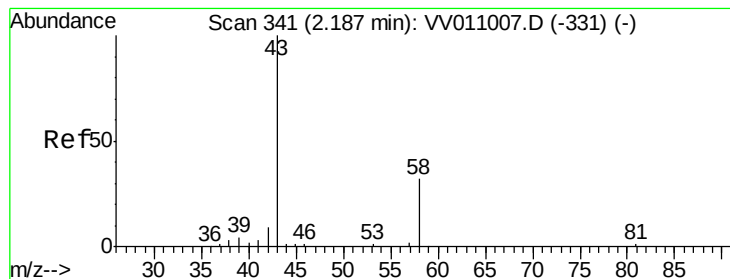
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.276 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

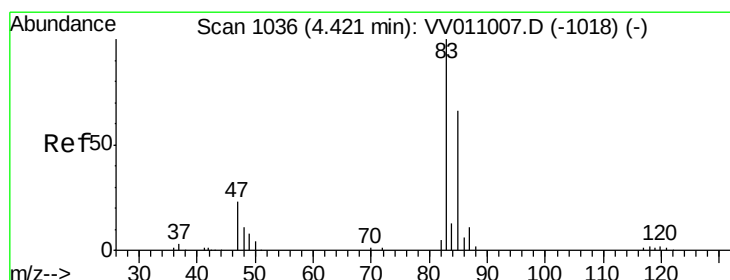
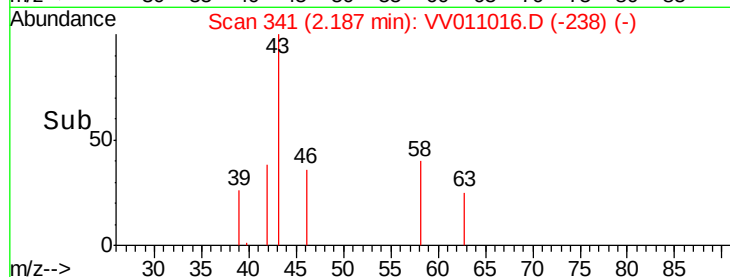
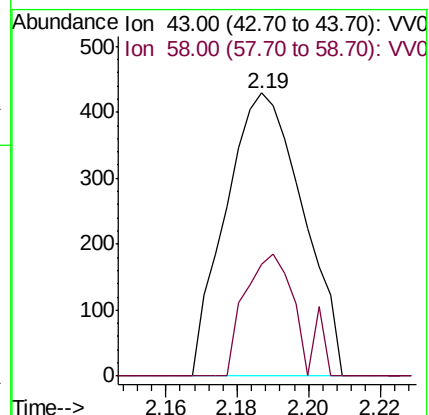
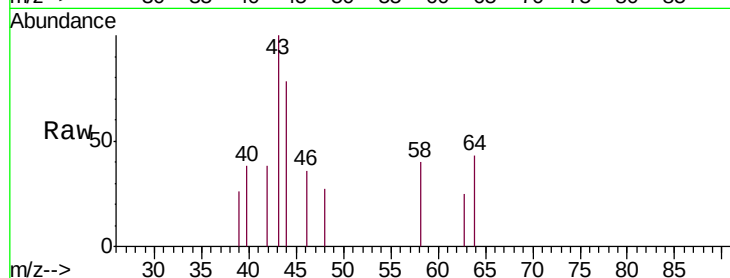
VHBLK01

Tgt Ion: 43 Resp: 641

Ion Ratio Lower Upper

43 100

58 26.2 0.0 60.8



#25

Chloroform

Concen: 3.669 ug/L

RT: 4.42 min Scan# 1036

Delta R.T. 0.00 min

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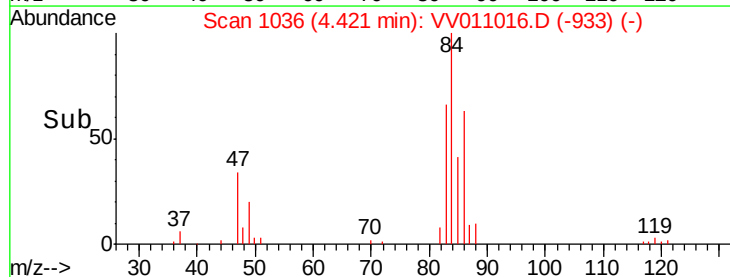
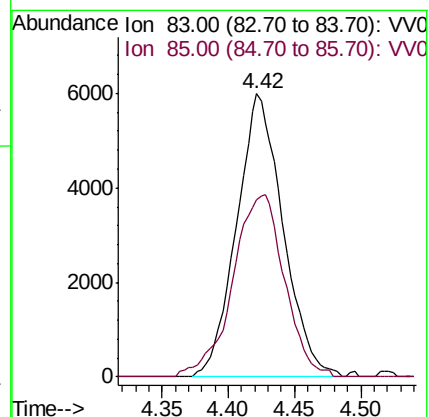
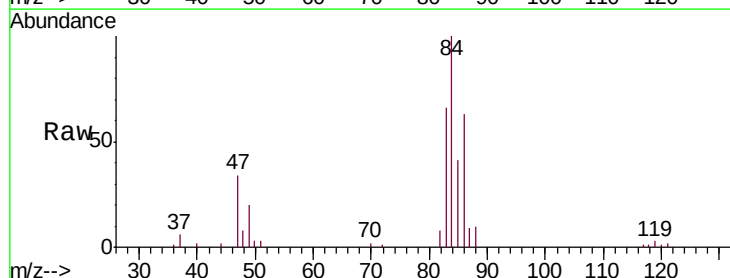
Acq: 22 May 2019 14:16

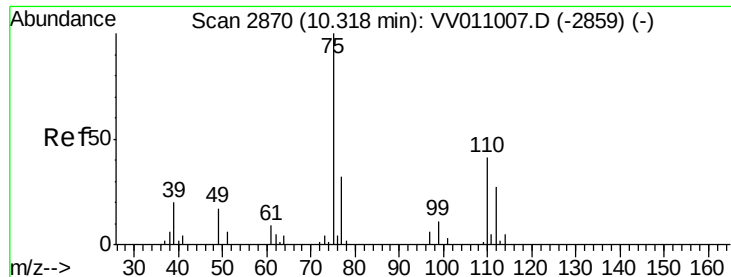
Tgt Ion: 83 Resp: 14572

Ion Ratio Lower Upper

83 100

85 71.5 45.6 84.8





#59

1,2,3-Trichloropropane

Concen: 4.475 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. 0.97 min

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Acq: 22 May 2019 14:16

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

Tgt Ion: 75 Resp: 7501

Ion Ratio Lower Upper

75 100

77 37.3 25.4 38.2

