

Data File : VV011027.D
Acq On : 23 May 2019 14:35
Operator : SY/MD
Sample : VV0523SBL01
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK61

Quant Time: May 24 08:19:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
Quant Title : VOC Analysis
QLast Update : Fri May 24 08:16:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	107632	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	111741	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	46496	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	24259	19.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.08%
7) Chloroethane-d5	1.57	69	18656	22.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.84%
10) 1,1-Dichloroethene-d2	2.12	63	35644	15.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.44%
20) 2-Butanone-d5	3.94	46	23905	56.46	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.92%
24) Chloroform-d	4.40	84	66492	23.85	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	5.08	65	39818	24.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.96%
29) Benzene-d6	5.09	84	140173	22.98	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.92%
33) 1,2-Dichloropropane-d6	6.12	67	46617	24.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.20%
37) Toluene-d8	7.36	98	123720	21.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.28%
38) trans-1,3-Dichloropropene-	7.66	79	17553	22.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.20%
39) 2-Hexanone-d5	8.13	63	16619	45.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.94%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	44701	23.10	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.40%
61) 1,2-Dichlorobenzene-d4	11.67	152	45469	24.08	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.32%

Target Compounds

					Qvalue
13) Acetone	2.19	43	1525	3.735 ug/L	99
25) Chloroform	4.42	83	4433	1.373 ug/L #	57
35) Trichloroethene	5.66	95	3388	1.904 ug/L #	5
36) Methylcyclohexane	6.11	83	10803	4.106 ug/L #	21
40) 1,2-Dichloropropane	6.11	63	4744	2.802 ug/L #	86

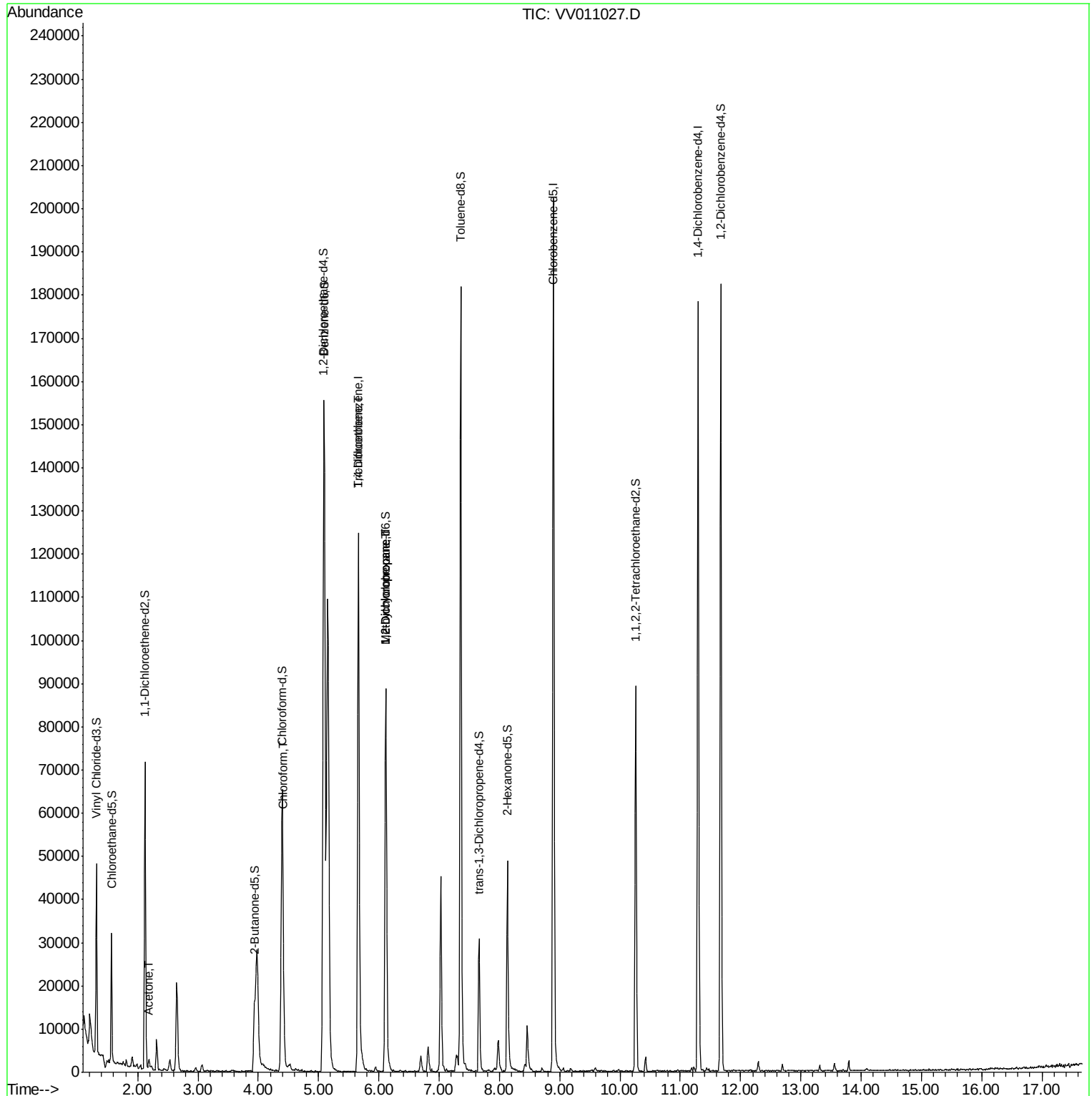
(#) = qualifier out of range (m) = manual integration (+) = signals summed

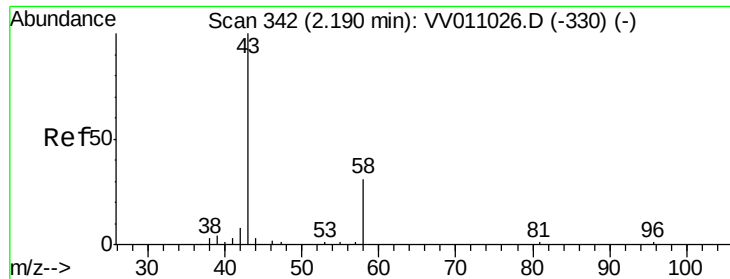
Data File : VV011027.D

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Operator    : SY/MD
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Instrument :
MSVOA_V
ClientSampleId :
VBLK61

Quant Time: May 24 08:19:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSV0A_V\METHOD\SOM2VLM052019S.M
Quant Title : VOC Analysis
QLast Update : Fri May 24 08:16:13 2019
Response via : Initial Calibration





#13

Acetone

Concen: 3.735 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.00 min

Lab File: VV011027.D

Acq: 23 May 2019 14:35

Instrument :

MSVOA_V

ClientSampled :

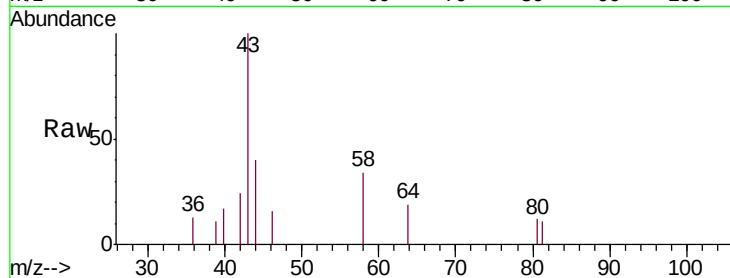
VBLK61

Tgt Ion: 43 Resp: 1525

Ion Ratio Lower Upper

43 100

58 31.0 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VV011026.D (-330) (-)

Ion 58.00 (57.70 to 58.70): VV011026.D (-330) (-)

2.19

1000

800

600

400

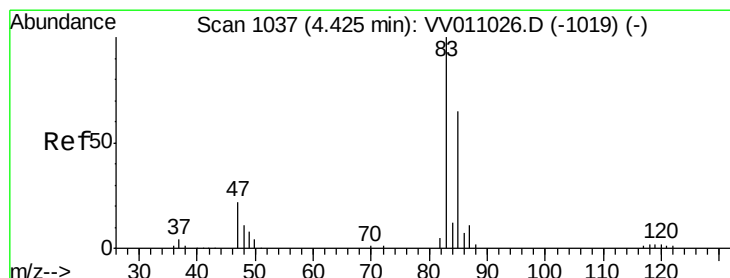
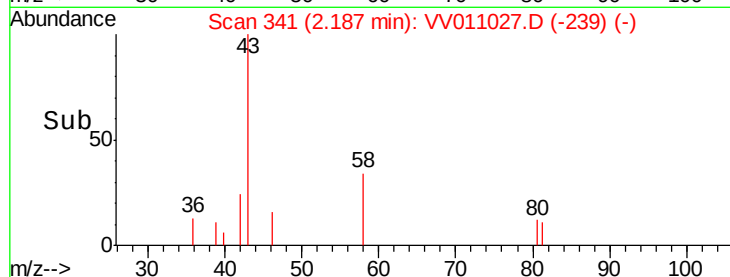
200

0

Time-->

2.15

2.20



#25

Chloroform

Concen: 1.373 ug/L

RT: 4.42 min Scan# 1035

Delta R.T. -0.01 min

Lab File: VV011027.D

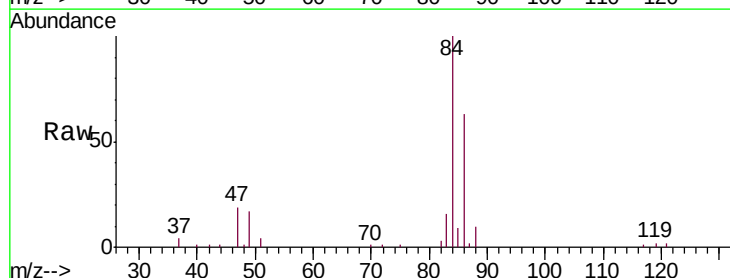
Acq: 23 May 2019 14:35

Tgt Ion: 83 Resp: 4433

Ion Ratio Lower Upper

83 100

85 31.6 45.6 84.8#



Abundance Ion 83.00 (82.70 to 83.70): VV011026.D (-1019) (-)

Ion 85.00 (84.70 to 85.70): VV011026.D (-1019) (-)

4.42

2000

1500

1000

500

0

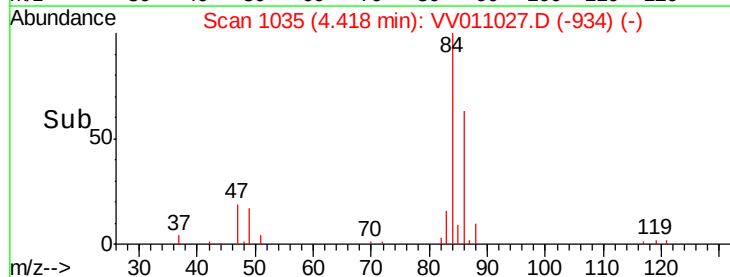
Time-->

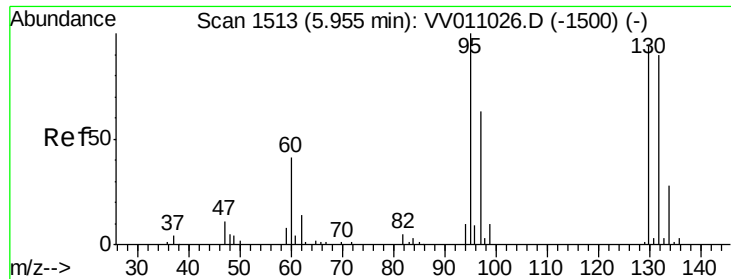
4.35

4.40

4.45

4.50

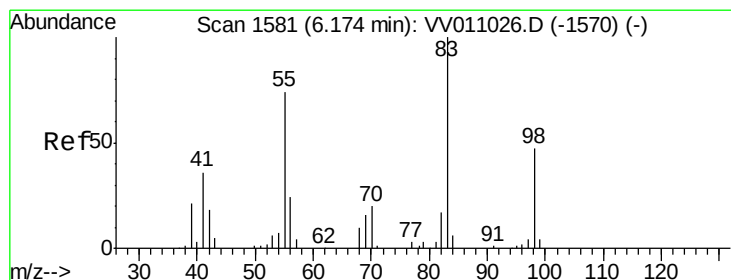
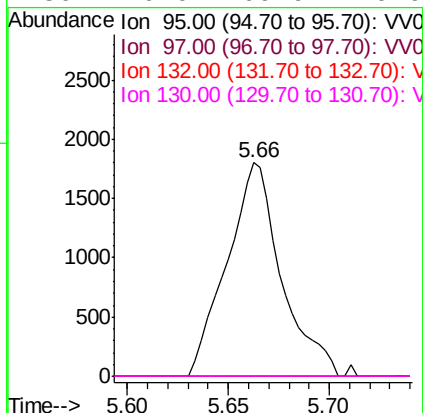
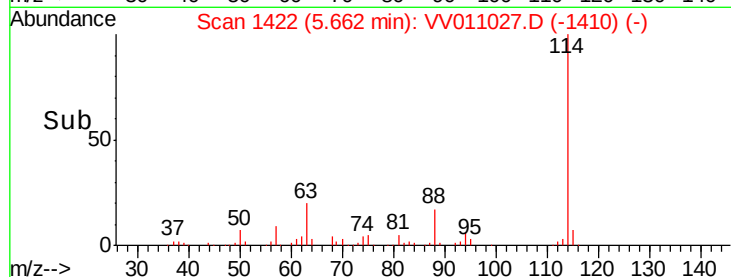
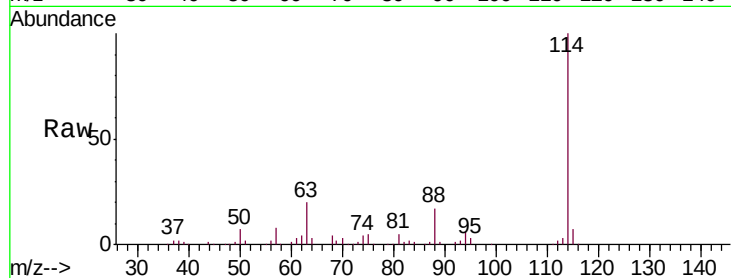




#35
 Trichloroethene
 Concen: 1.904 ug/L
 RT: 5.66 min Scan# 1422
 Delta R.T. -0.29 min
 Lab File: VV011027.D
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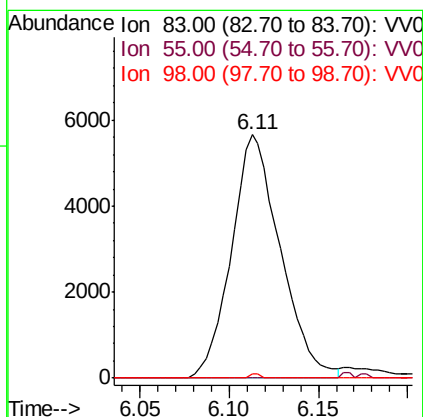
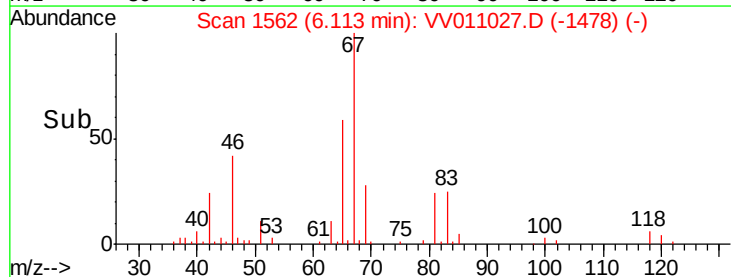
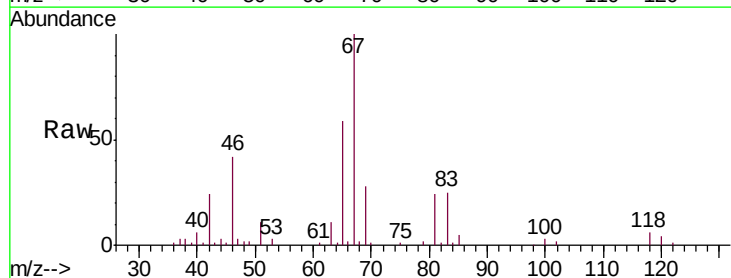
Instrument :
 MSVOA_V
 ClientSampled :
 VBLK61

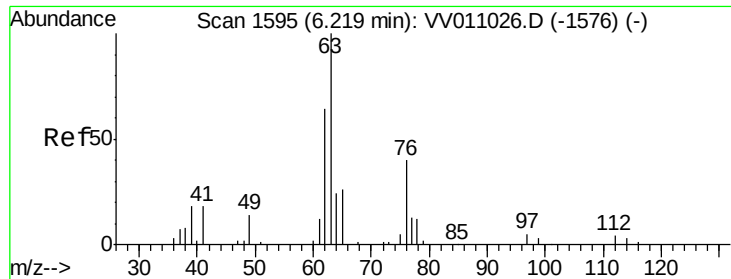
Tgt Ion: 95 Resp: 3388
 Ion Ratio Lower Upper
 95 100
 97 0.0 43.4 80.6#
 132 0.0 68.8 127.8#
 130 0.0 69.9 129.9#



#36
 Methylcyclohexane
 Concen: 4.106 ug/L
 RT: 6.11 min Scan# 1562
 Delta R.T. -0.06 min
 Lab File: VV011027.D
 Acq: 23 May 2019 14:35

Tgt Ion: 83 Resp: 10803
 Ion Ratio Lower Upper
 83 100
 55 0.4 57.0 85.4#
 98 0.4 36.2 54.4#





#40
 1,2-Dichloropropane
 Concen: 2.802 ug/L
 RT: 6.11 min Scan# 1562
 Delta R.T. -0.11 min
 Lab File: VV011027.D
 Acq: 23 May 2019 14:35

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK61

Tgt Ion: 63 Resp: 4744
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#

