

Data File : VV010727.D
Acq On : 08 May 2019 14:29
Operator : SY/MD
Sample : VV0507SBL03
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK83

Quant Time: May 09 02:58:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis
QLast Update : Thu May 09 02:55:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	96641	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	94981	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	42555	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	42485	28.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	113.20%
7) Chloroethane-d5	1.56	69	33926	27.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.84%
10) 1,1-Dichloroethene-d2	2.12	63	67236	20.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.60%
20) 2-Butanone-d5	3.93	46	20827	46.23	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.46%
24) Chloroform-d	4.40	84	58744	22.30	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.20%
26) 1,2-Dichloroethane-d4	5.08	65	40548	24.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.56%
29) Benzene-d6	5.09	84	134207	26.85	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.40%
33) 1,2-Dichloropropane-d6	6.12	67	40893	25.67	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.68%
37) Toluene-d8	7.36	98	125585	26.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.92%
38) trans-1,3-Dichloropropene-	7.66	79	17013	23.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.72%
39) 2-Hexanone-d5	8.13	63	15757	47.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.54%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	35164	23.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.96%
61) 1,2-Dichlorobenzene-d4	11.67	152	41592	25.24	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.96%

Target Compounds

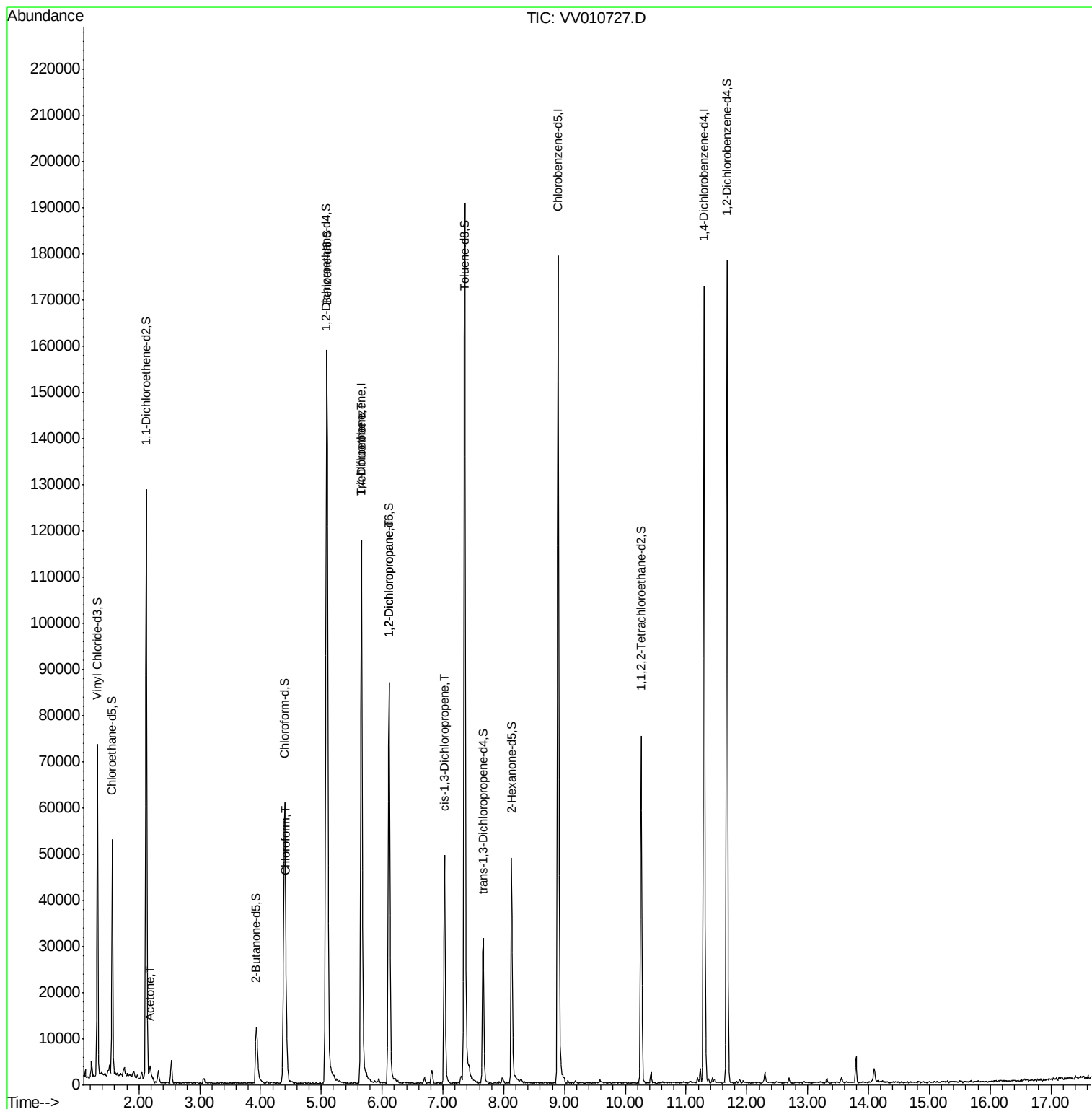
					Qvalue
13) Acetone	2.19	43	1715	2.459 ug/L	100
25) Chloroform	4.42	83	6498	2.222 ug/L #	49
35) Trichloroethene	5.66	95	3393	2.172 ug/L #	7
40) 1,2-Dichloropropane	6.11	63	4805	3.239 ug/L #	87
42) cis-1,3-Dichloropropene	7.03	75	1402	0.598 ug/L #	77

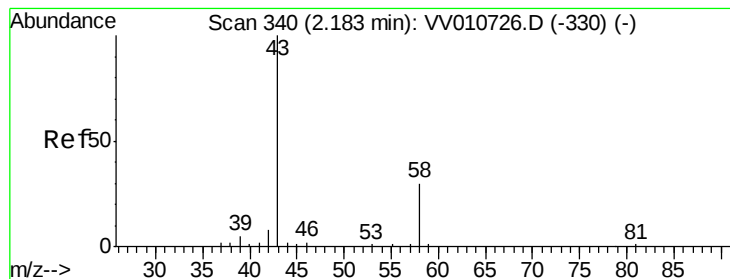
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.459 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.01 min

Lab File: VV010727.D

Acq: 08 May 2019 14:29

Instrument :

MSVOA_V

ClientSampled :

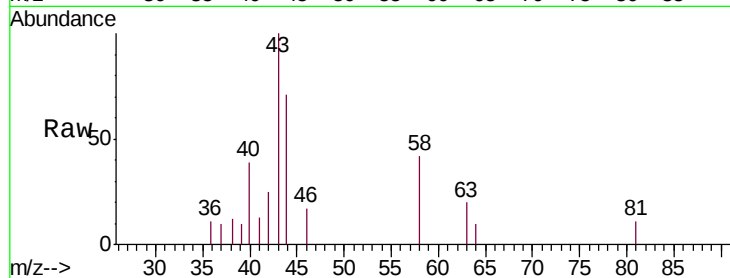
VBLK83

Tgt Ion: 43 Resp: 1715

Ion Ratio Lower Upper

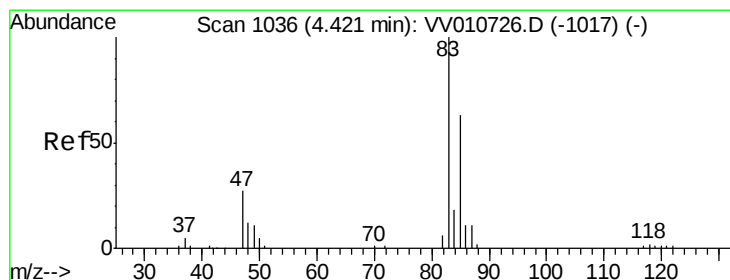
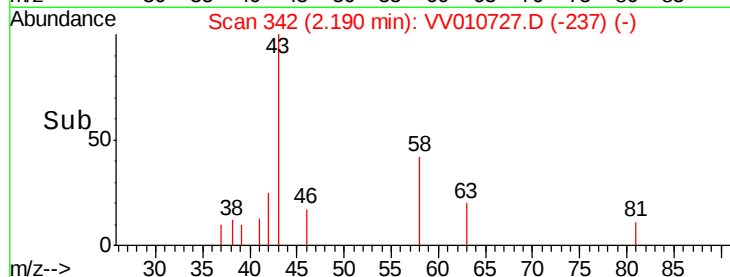
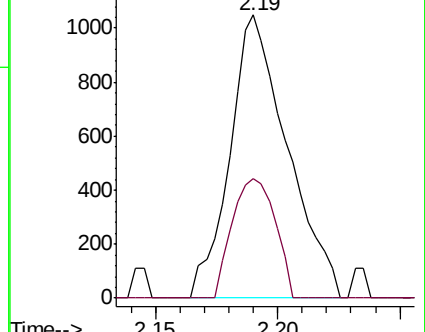
43 100

58 31.5 0.0 63.4



Abundance Ion 43.00 (42.70 to 43.70): VV010726.D (-330) (-)

Ion 58.00 (57.70 to 58.70): VV010726.D (-330) (-)



#25

Chloroform

Concen: 2.222 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VV010727.D

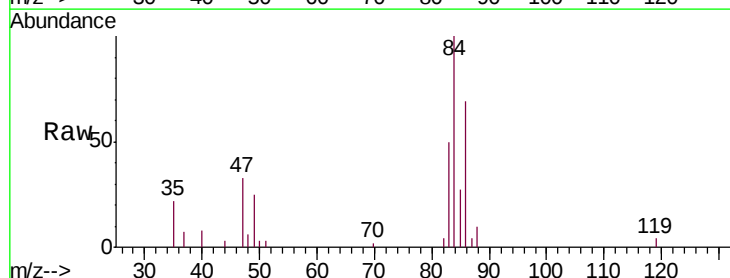
Acq: 08 May 2019 14:29

Tgt Ion: 83 Resp: 6498

Ion Ratio Lower Upper

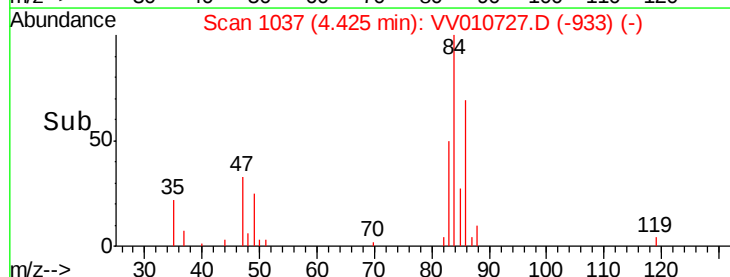
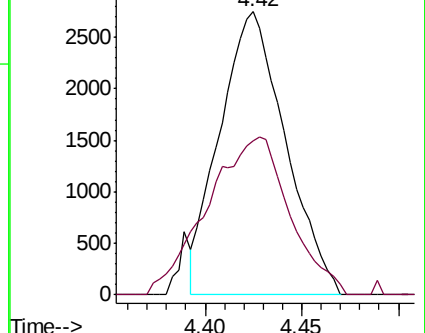
83 100

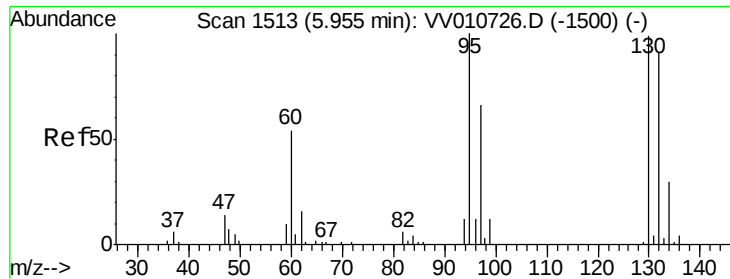
85 24.2 44.6 82.8#



Abundance Ion 83.00 (82.70 to 83.70): VV010726.D (-1017) (-)

Ion 85.00 (84.70 to 85.70): VV010726.D (-1017) (-)





#35

Trichloroethene

Concen: 2.172 ug/L

RT: 5.66 min Scan# 1420

Delta R.T. -0.30 min

Lab File: VV010727.D

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Instrument :

MSVOA_V

ClientSampleId :

VBLK83

Tgt Ion: 95 Resp: 3393

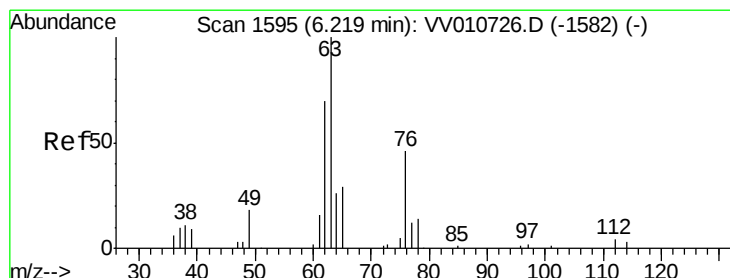
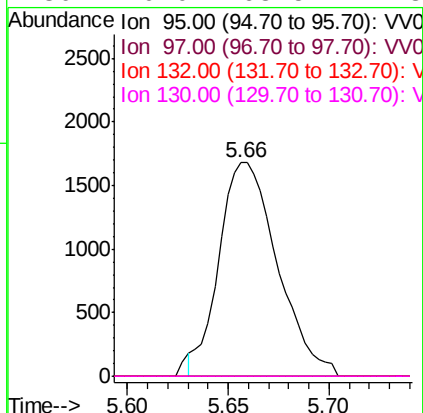
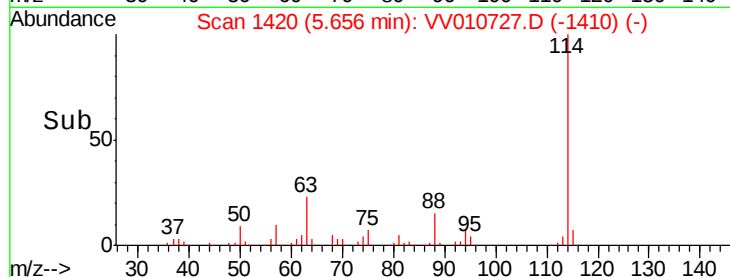
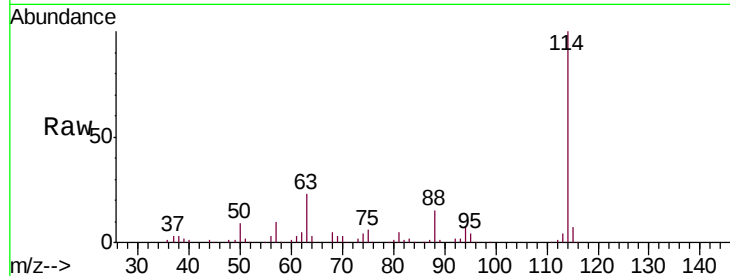
Ion Ratio Lower Upper

95 100

97 0.0 44.3 82.3#

132 0.0 62.4 115.8#

130 0.0 68.5 127.3#



#40

1,2-Dichloropropane

Concen: 3.239 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.11 min

Lab File: VV010727.D

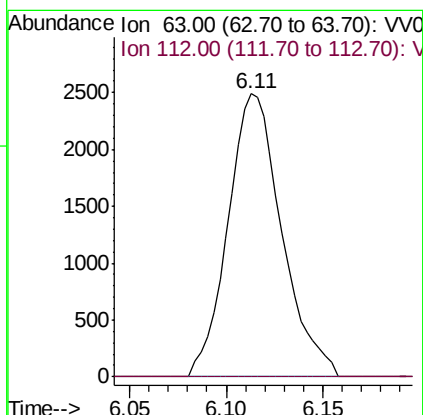
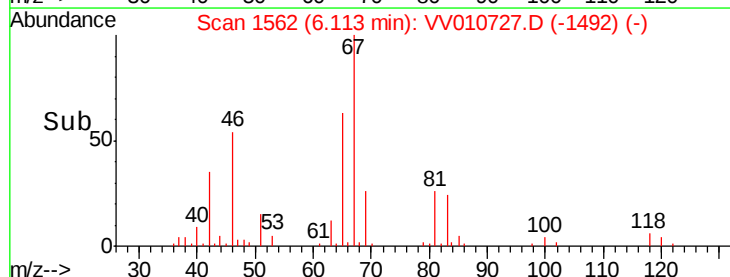
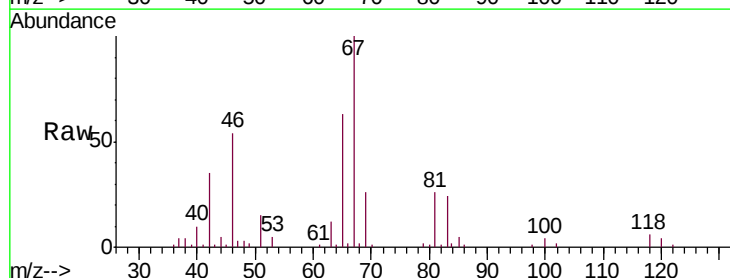
Acq: 08 May 2019 14:29

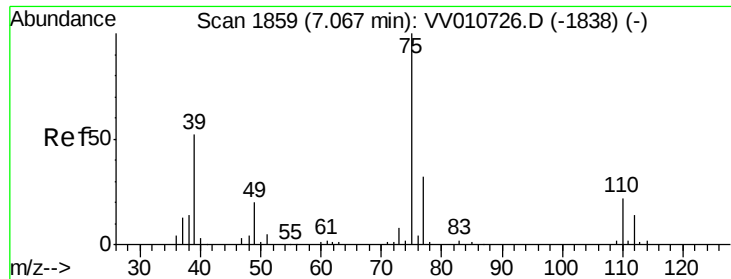
Tgt Ion: 63 Resp: 4805

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#





#42
 cis-1,3-Dichloropropene
 Concen: 0.598 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV010727.D
 Acq: 08 May 2019 14:29

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK83

Tgt Ion: 75 Resp: 1402
 Ion Ratio Lower Upper
 75 100
 77 44.4 22.3 41.3#

