

Data File : VV011159.D
Acq On : 31 May 2019 03:34
Operator : SY/MD
Sample : VV0530SBL02
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK67

Quant Time: May 31 04:04:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM053019S.M
Quant Title : VOC Analysis
QLast Update : Fri May 31 04:02:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	370271	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	363742	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	149424	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	99264	19.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.24%
7) Chloroethane-d5	1.55	69	83918	21.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.16%
10) 1,1-Dichloroethene-d2	1.91	63	93	0.01	ug/L	-0.20
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.04%#
20) 2-Butanone-d5	3.93	46	85730	46.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.64%
24) Chloroform-d	4.39	84	178705	19.74	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.96%
26) 1,2-Dichloroethane-d4	5.07	65	128695	21.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.28%
29) Benzene-d6	5.09	84	428458	21.69	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.76%
33) 1,2-Dichloropropane-d6	6.11	67	136900	21.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.52%
37) Toluene-d8	7.36	98	422731	22.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.72%
38) trans-1,3-Dichloropropene-	7.66	79	61005	21.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.20%
39) 2-Hexanone-d5	8.13	63	65611	45.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.22%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	134054	23.50	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.00%
61) 1,2-Dichlorobenzene-d4	11.67	152	135584	24.25	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.00%

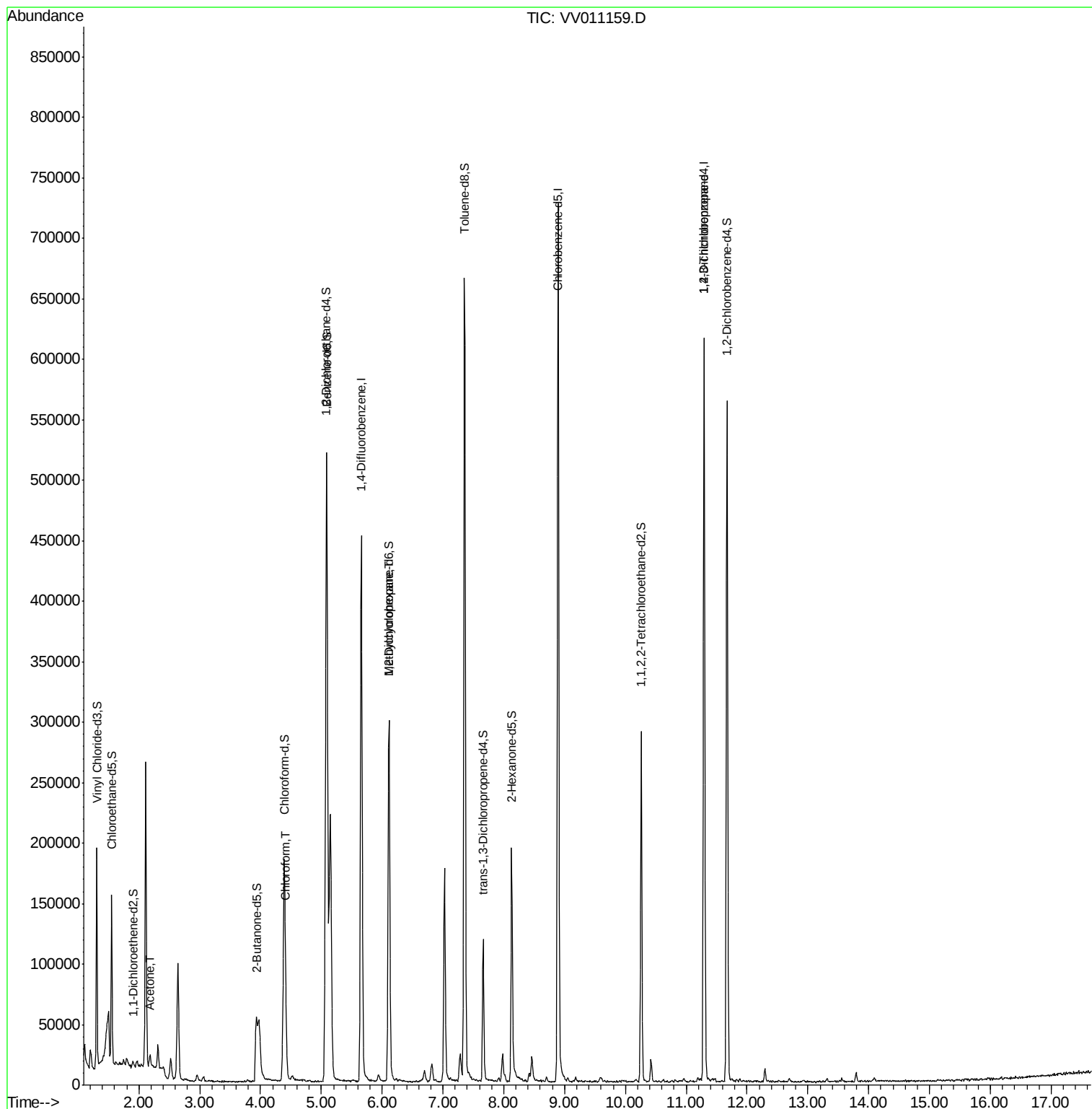
Target Compounds					Qvalue
13) Acetone	2.18	43	9507	4.463 ug/L	92
25) Chloroform	4.42	83	21899	2.090 ug/L	92
36) Methylcyclohexane	6.11	83	32045	3.349 ug/L #	16
59) 1,2,3-Trichloropropane	11.29	75	20795	4.578 ug/L	90

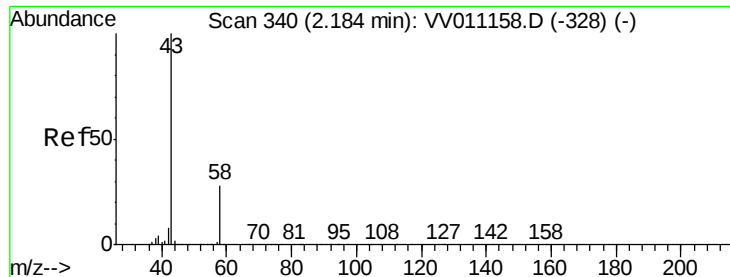
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.463 ug/L

RT: 2.18 min Scan# 340

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampled :

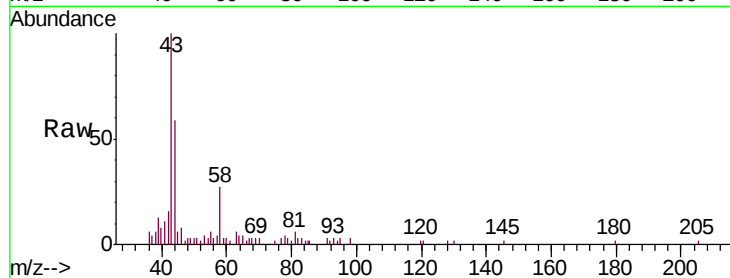
VBLK67

Tgt Ion: 43 Resp: 9507

Ion Ratio Lower Upper

43 100

58 30.9 0.0 53.8



Abundance Ion 43.00 (42.70 to 43.70): VV011158.D (-328) (-)

Ion 58.00 (57.70 to 58.70): VV011158.D (-328) (-)

2.18

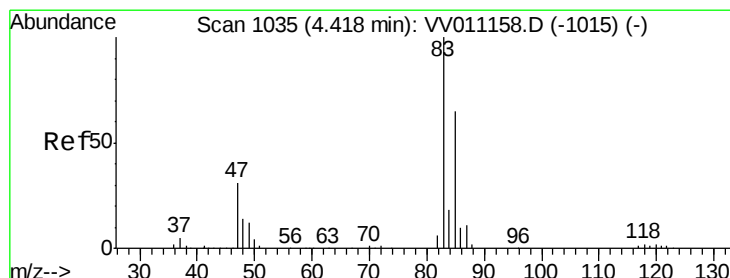
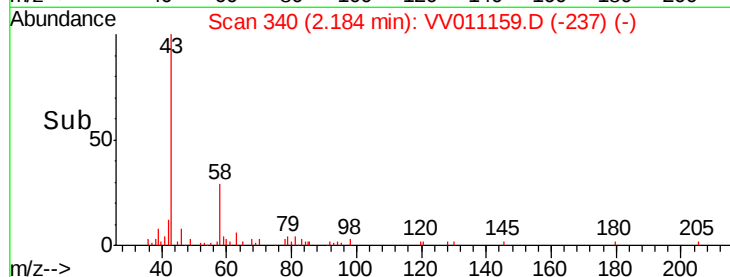
6000

4000

2000

0

Time--> 2.10 2.15 2.20 2.25



#25

Chloroform

Concen: 2.090 ug/L

RT: 4.42 min Scan# 1035

Delta R.T. 0.00 min

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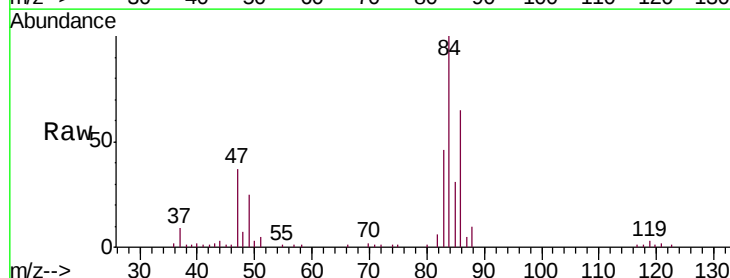
Acq: 31 May 2019 03:34

Tgt Ion: 83 Resp: 21899

Ion Ratio Lower Upper

83 100

85 71.8 45.6 84.6



Abundance Ion 83.00 (82.70 to 83.70): VV011158.D (-1015) (-)

Ion 85.00 (84.70 to 85.70): VV011158.D (-1015) (-)

4.42

8000

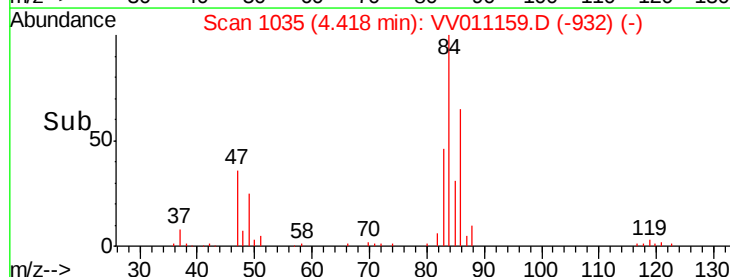
6000

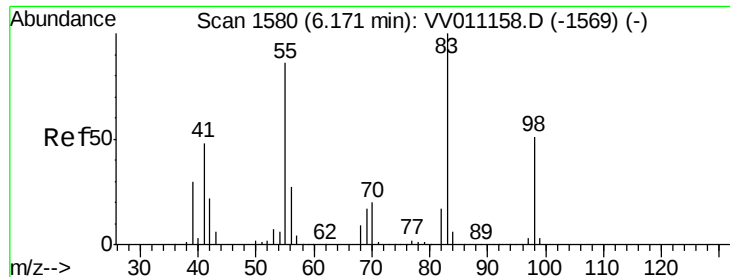
4000

2000

0

Time--> 4.35 4.40 4.45 4.50

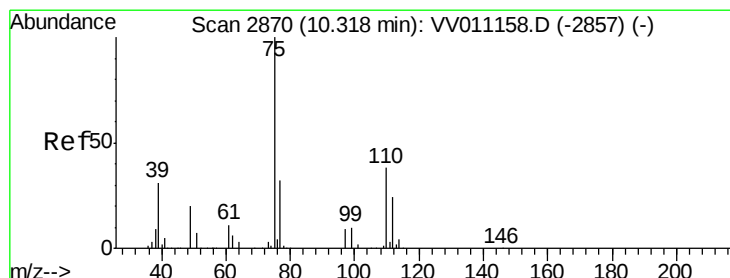
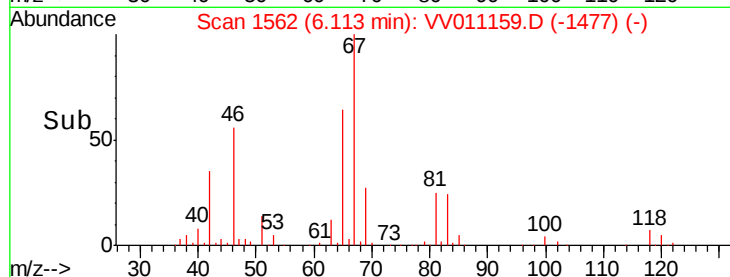
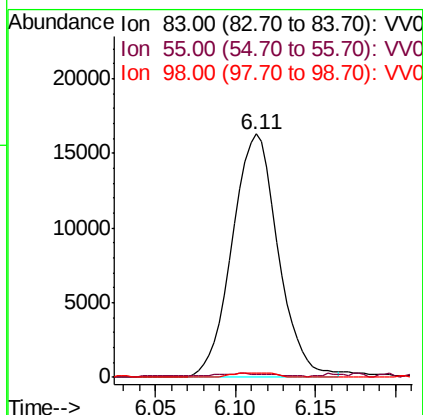
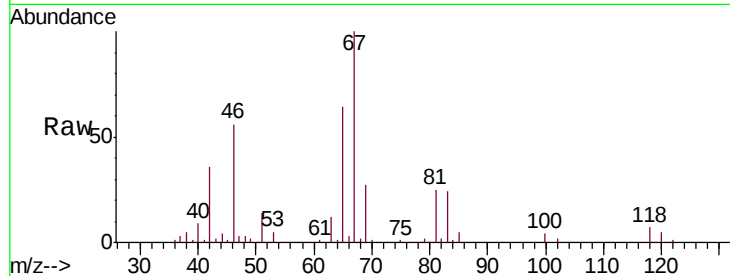




#36
Methylcyclohexane
Concen: 3.349 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
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Tgt Ion: 83 Resp: 32045
Ion Ratio Lower Upper
83 100
55 0.1 66.4 99.6#
98 0.7 37.9 56.9#



#59
1,2,3-Trichloropropane
Concen: 4.578 ug/L
RT: 11.29 min Scan# 3173
Delta R.T. 0.97 min
Lab File: VV011159.D
Acq: 31 May 2019 03:34

Tgt Ion: 75 Resp: 20795
Ion Ratio Lower Upper
75 100
77 37.9 25.7 38.5

