

Data File : VV013067.D
Acq On : 09 Oct 2019 11:30
Operator : SY/MD
Sample : K5262-01RE
Misc : 5.47G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFB68RE

Quant Time: Oct 10 07:49:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 10 07:47:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	703832	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	555381	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	168895	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	192173	17.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.40%
7) Chloroethane-d5	1.58	69	190869	21.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.48%
10) 1,1-Dichloroethene-d2	2.13	63	266968	14.70	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.80%
20) 2-Butanone-d5	3.96	46	135796	36.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.02%
24) Chloroform-d	4.40	84	401689	20.77	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.08%
26) 1,2-Dichloroethane-d4	5.08	65	229078	20.38	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.52%
29) Benzene-d6	5.09	84	794660	25.63	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.52%
33) 1,2-Dichloropropane-d6	6.11	67	258463	26.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.36%
37) Toluene-d8	7.36	98	613697	21.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.20%
38) trans-1,3-Dichloropropene-	7.66	79	82237	19.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.92%
39) 2-Hexanone-d5	8.13	63	88672	45.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.68%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	183893	19.92	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.68%
61) 1,2-Dichlorobenzene-d4	11.67	152	135511	20.65	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.60%

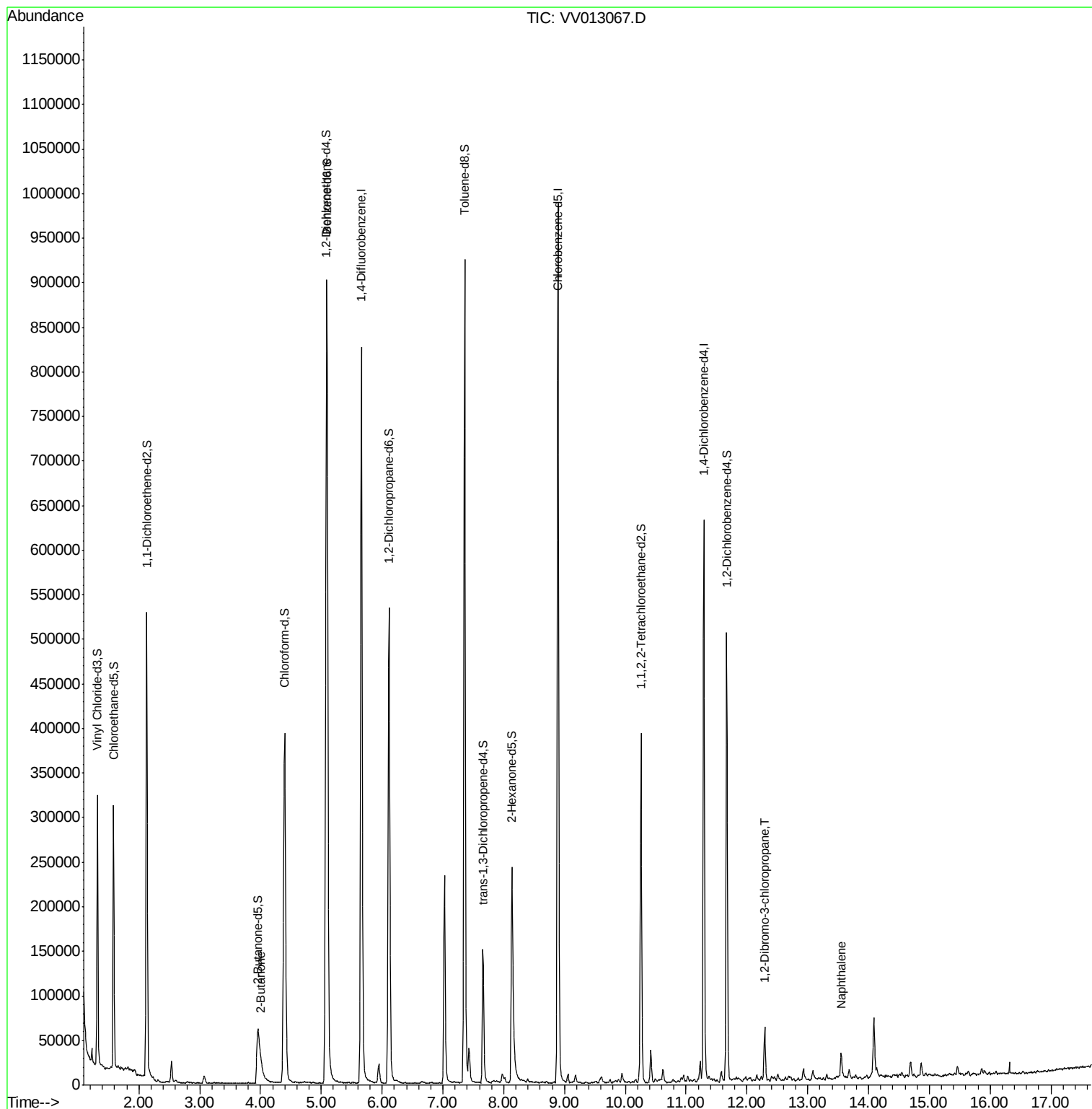
Target Compounds					Qvalue
21) 2-Butanone	4.01	43	12689	2.721 ug/L #	52
66) 1,2-Dibromo-3-chloropropan	12.29	75	1486	1.690 ug/L #	20
69) Naphthalene	13.55	128	22469	1.571 ug/L	98

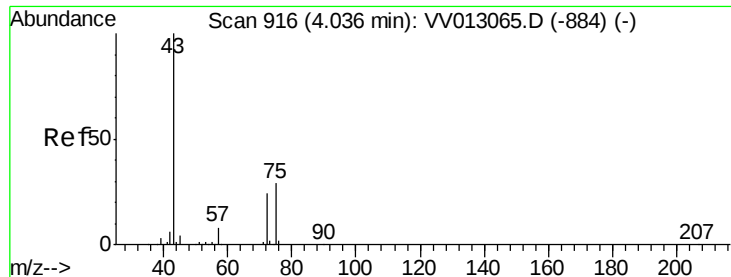
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV013067.D
Acq On : 09 Oct 2019 11:30
Operator : SY/MD
Sample : K5262-01RE
Misc : 5.47G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFB68RE

Quant Time: Oct 10 07:49:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 10 07:47:18 2019
Response via : Initial Calibration





#21

2-Butanone

Concen: 2.721 ug/L

RT: 4.01 min Scan# 909

Delta R.T. -0.02 min

Lab File: VV013067.D

Acq: 09 Oct 2019 11:30

Instrument :

MSVOA_V

ClientSampleId :

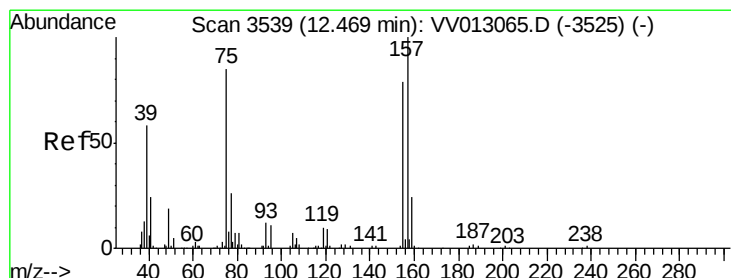
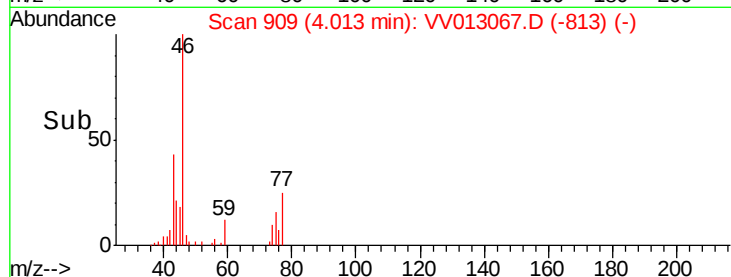
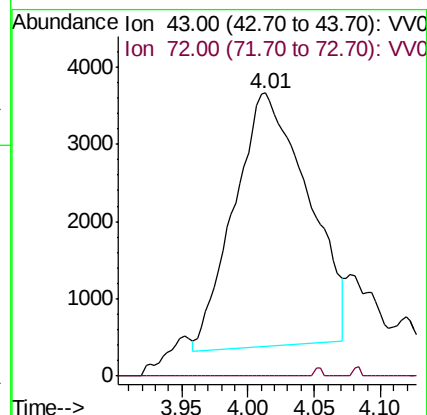
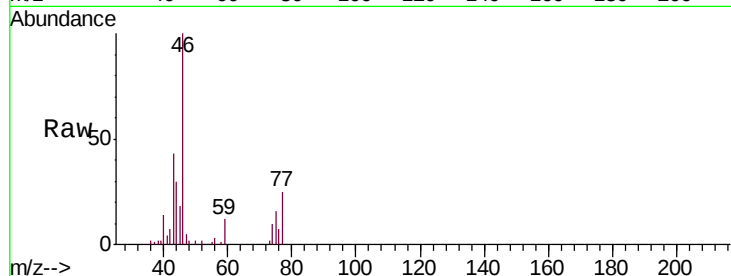
BFB68RE

Tgt Ion: 43 Resp: 12689

Ion Ratio Lower Upper

43 100

72 0.3 11.9 35.9#



#66

1,2-Dibromo-3-chloropropane

Concen: 1.690 ug/L

RT: 12.29 min Scan# 3484

Delta R.T. -0.18 min

Lab File: VV013067.D

Acq: 09 Oct 2019 11:30

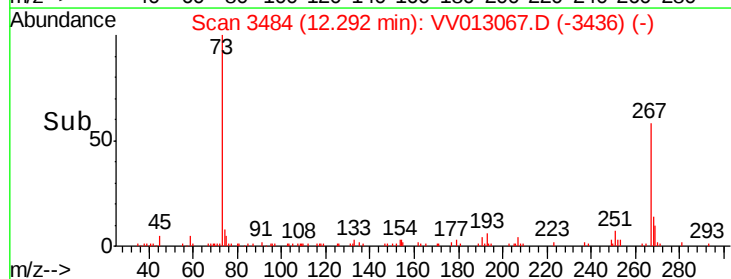
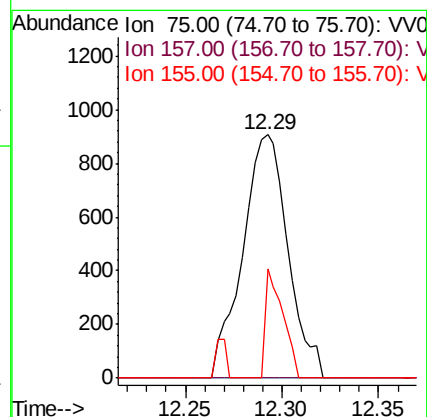
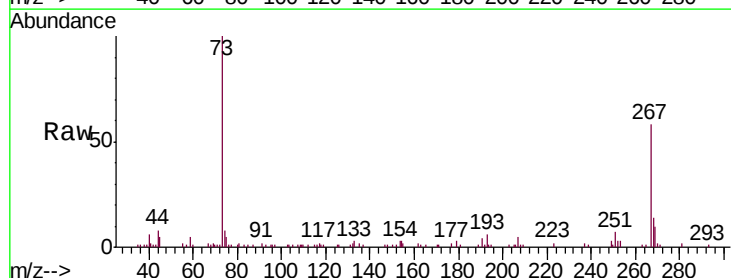
Tgt Ion: 75 Resp: 1486

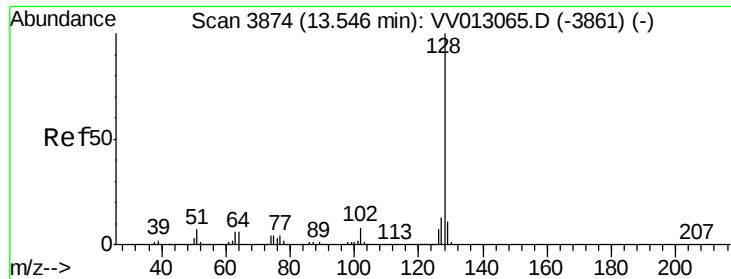
Ion Ratio Lower Upper

75 100

157 0.0 91.7 137.5#

155 44.9 70.8 106.2#





#69

Naphthalene

Concen: 1.571 ug/L

RT: 13.55 min Scan# 3875

Delta R.T. 0.00 min

Lab File: VV013067.D

Acq: 09 Oct 2019 11:30

Instrument :

MSVOA_V

ClientSampleId :

BFB68RE

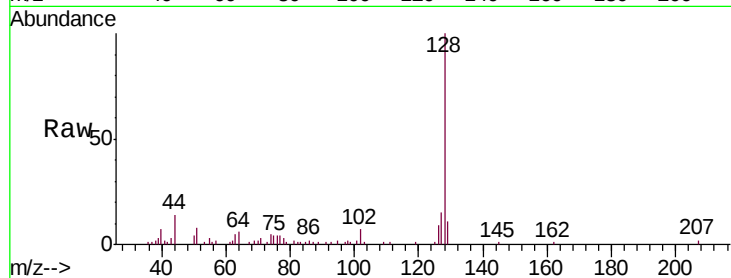
Tgt Ion:128 Resp: 22469

Ion Ratio Lower Upper

128 100

129 10.5 8.7 13.1

127 14.0 10.2 15.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

