

Data File : VV013068.D
Acq On : 09 Oct 2019 11:58
Operator : SY/MD
Sample : K5262-02RE
Misc : 5.02G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFB69RE

Quant Time: Oct 10 07:50:09 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	661132	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	416630	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	72476	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	199289	19.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.72%
7) Chloroethane-d5	1.59	69	196814	23.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.92%
10) 1,1-Dichloroethene-d2	2.13	63	262894	15.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.64%
20) 2-Butanone-d5	3.95	46	134577	38.00	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.00%
24) Chloroform-d	4.40	84	426111	23.46	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.84%
26) 1,2-Dichloroethane-d4	5.08	65	228227	21.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.48%
29) Benzene-d6	5.10	84	832010	35.77	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	143.08%#
33) 1,2-Dichloropropane-d6	6.12	67	276384	37.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	151.64%#
37) Toluene-d8	7.36	98	572134	27.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.36%
38) trans-1,3-Dichloropropene-	7.66	79	57064	18.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.92%
39) 2-Hexanone-d5	8.14	63	76268	51.98	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.96%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	187772	27.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.44%
61) 1,2-Dichlorobenzene-d4	11.67	152	88024	31.26	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	125.04%#

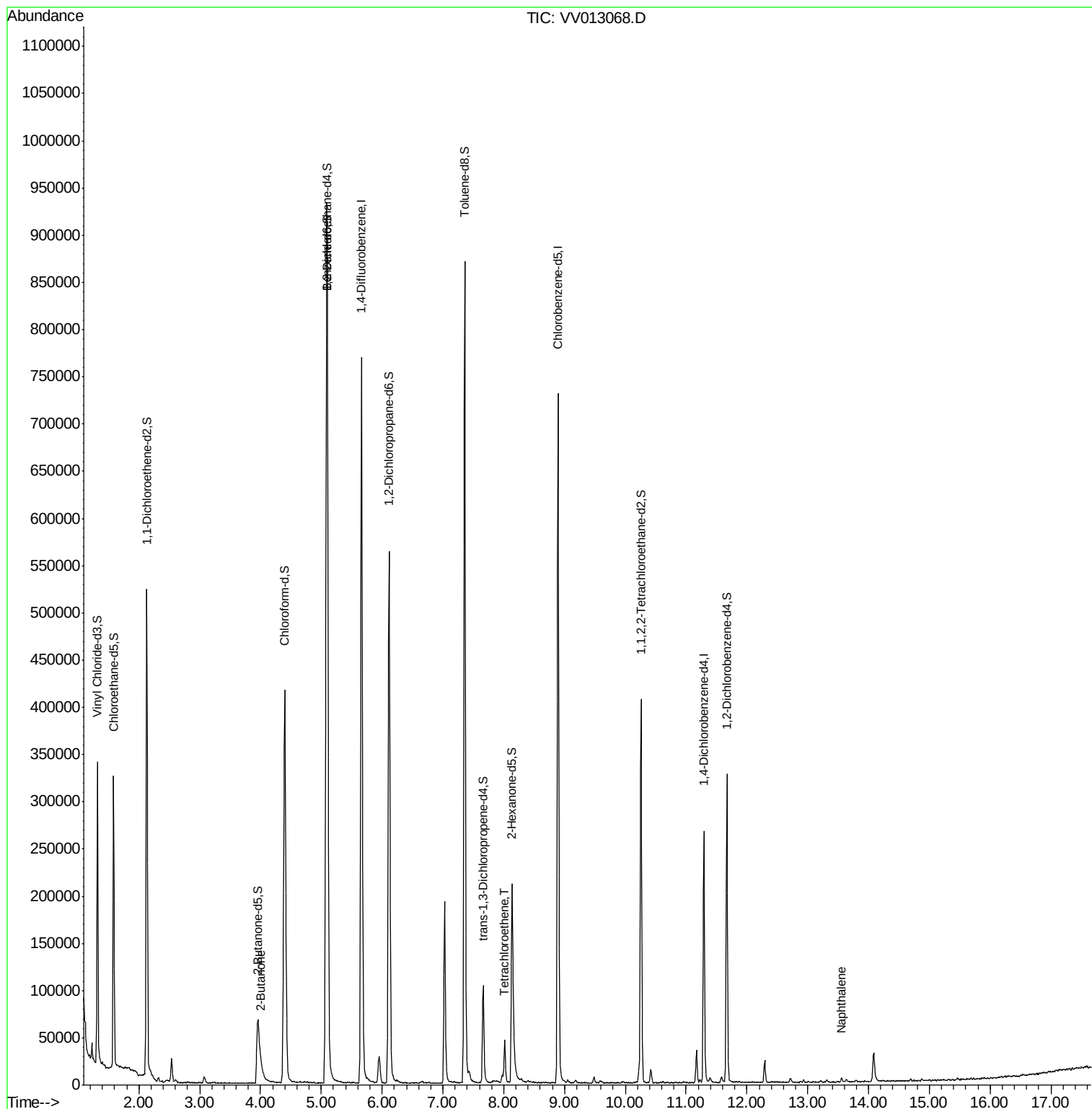
Target Compounds					Qvalue
21) 2-Butanone	4.01	43	18064	4.123 ug/L #	52
47) Tetrachloroethene	8.02	164	10406	1.982 ug/L	98
69) Naphthalene	13.56	128	3612	0.588 ug/L #	86

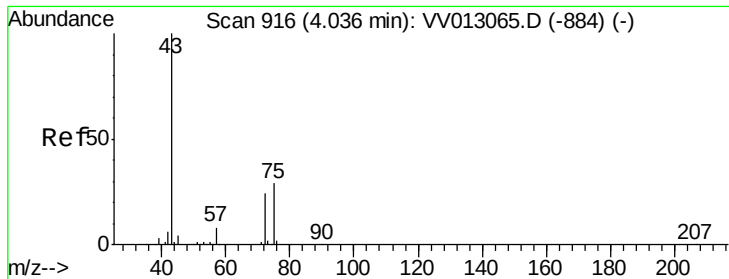
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV013068.D
Acq On : 09 Oct 2019 11:58
Operator : SY/MD
Sample : K5262-02RE
Misc : 5.02G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFB69RE

Quant Time: Oct 10 07:50:09 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: 4.123 ug/L

RT: 4.01 min Scan# 908

Delta R.T. -0.03 min

Lab File: VV013068.D

Acq: 09 Oct 2019 11:58

Instrument :

MSVOA_V

ClientSampleId :

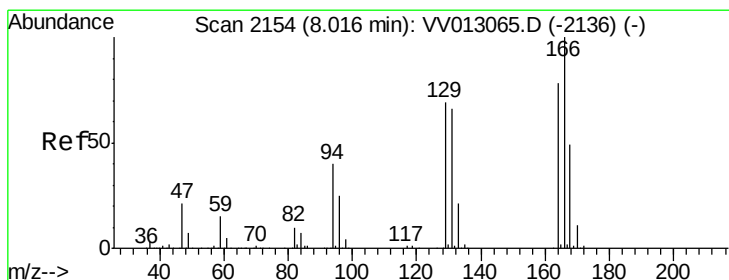
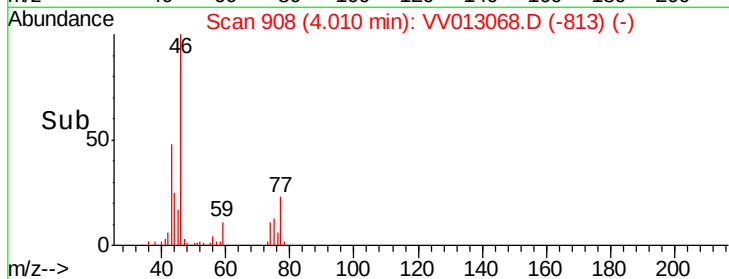
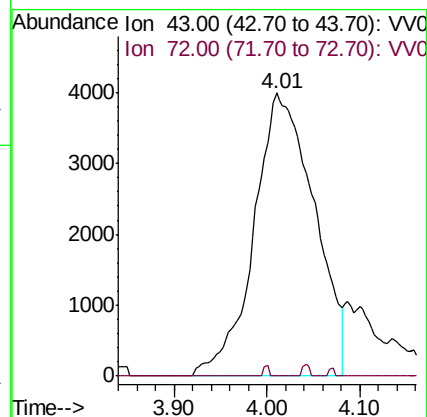
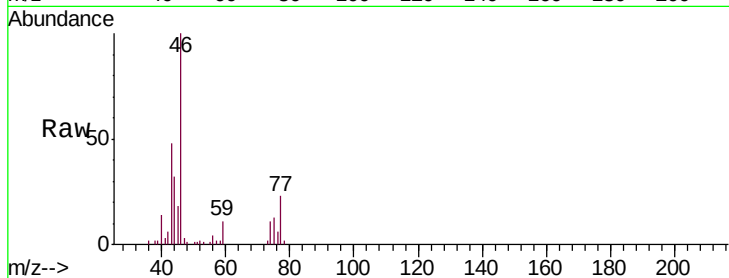
BFB69RE

Tgt Ion: 43 Resp: 18064

Ion Ratio Lower Upper

43 100

72 0.3 11.9 35.9#



#47

Tetrachloroethene

Concen: 1.982 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. -0.00 min

Lab File: VV013068.D

Acq: 09 Oct 2019 11:58

Tgt Ion: 164 Resp: 10406

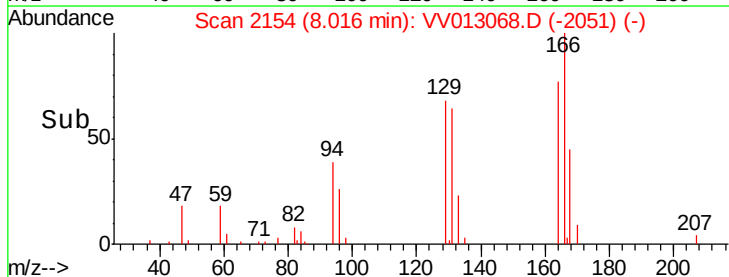
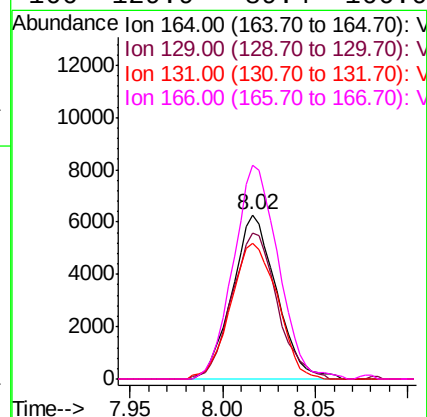
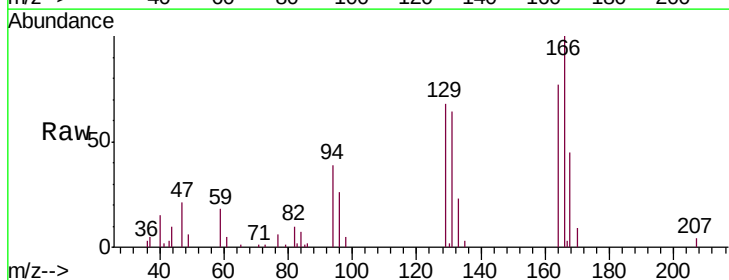
Ion Ratio Lower Upper

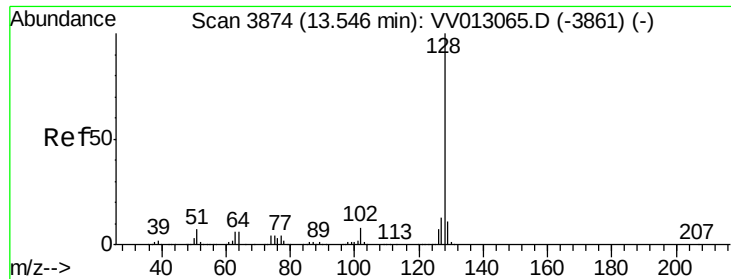
164 100

129 88.9 62.8 116.6

131 82.5 60.2 111.8

166 129.9 89.4 166.0





#69

Naphthalene

Concen: 0.588 ug/L

RT: 13.56 min Scan# 3877

Delta R.T. 0.01 min

Lab File: VV013068.D

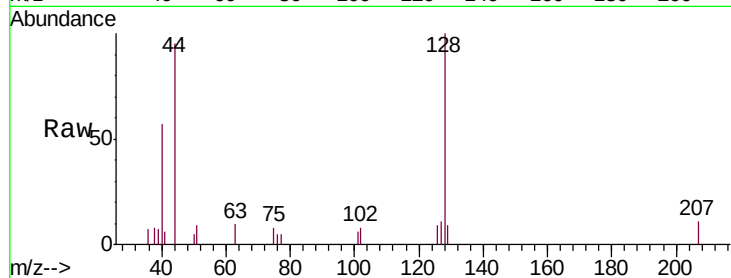
Acq: 09 Oct 2019 11:58

Instrument :

MSVOA_V

ClientSampleId :

BFB69RE



Tgt Ion:128 Resp: 3612

Ion Ratio Lower Upper

128 100

129 6.1 8.7 13.1#

127 6.9 10.2 15.2#

