

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100819\
 Data File : VV013058.D
 Acq On : 08 Oct 2019 14:17
 Operator : SY/MD
 Sample : K5262-02
 Misc : 5.16G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFB69

Quant Time: Oct 09 09:00:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 09 08:34:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	529469	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	360417	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	71995	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	166522	20.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.08%
7) Chloroethane-d5	1.58	69	156385	23.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.16%
10) 1,1-Dichloroethene-d2	2.13	63	216791	15.87	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.48%
20) 2-Butanone-d5	3.94	46	128599	45.34	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.68%
24) Chloroform-d	4.40	84	352026	24.20	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	5.08	65	205542	24.31	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.24%
29) Benzene-d6	5.10	84	678925	33.74	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	134.96%
33) 1,2-Dichloropropane-d6	6.12	67	232252	36.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	147.28%#
37) Toluene-d8	7.36	98	467263	25.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.32%
38) trans-1,3-Dichloropropene-	7.66	79	59304	22.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.80%
39) 2-Hexanone-d5	8.13	63	77073	60.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.44%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	177362	29.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	118.44%
61) 1,2-Dichlorobenzene-d4	11.67	152	85104	30.42	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	121.68%#

Target Compounds

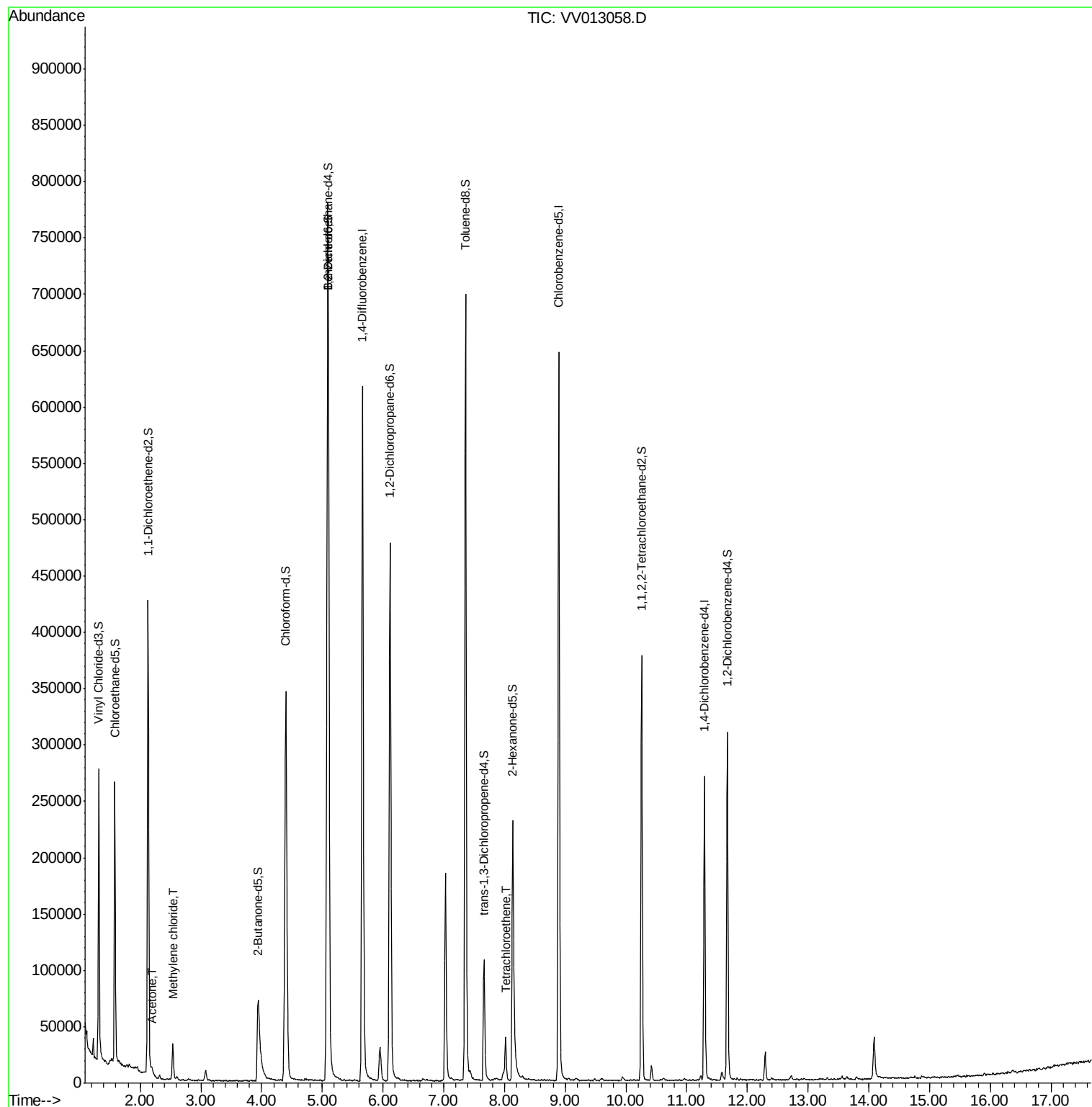
					Ovalue
13) Acetone	2.20	43	3763	1.248 ug/L	100
16) Methylene chloride	2.54	84	13258	1.675 ug/L	94
47) Tetrachloroethene	8.02	164	8312	1.830 ug/L	93

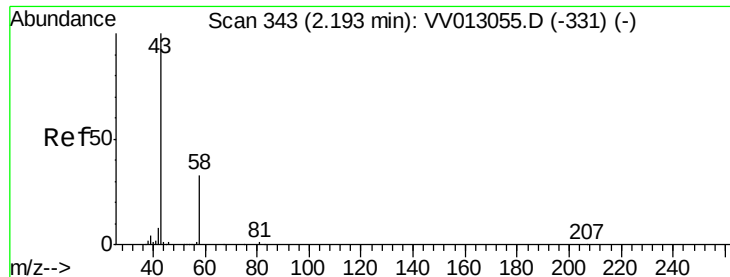
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.248 ug/L

RT: 2.20 min Scan# 346

Delta R.T. 0.01 min

Lab File: VV013058.D

Acq: 08 Oct 2019 14:17

Instrument :

MSVOA_V

ClientSampled :

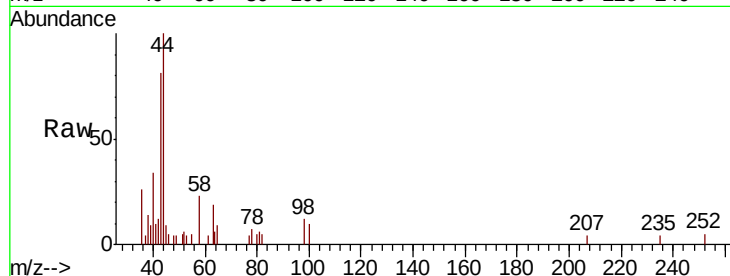
BFB69

Tot Ion: 43 Resp: 3763

Ion Ratio Lower Upper

43 100

58 32.7 0.0 65.0



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

2500

2000

1500

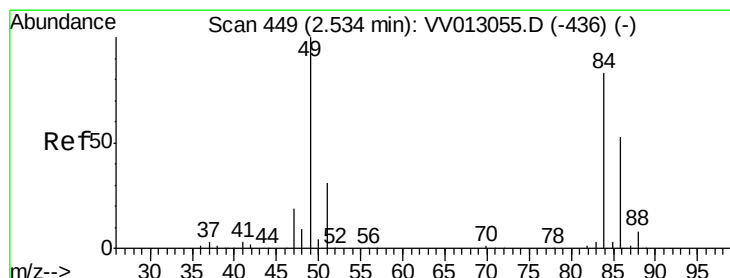
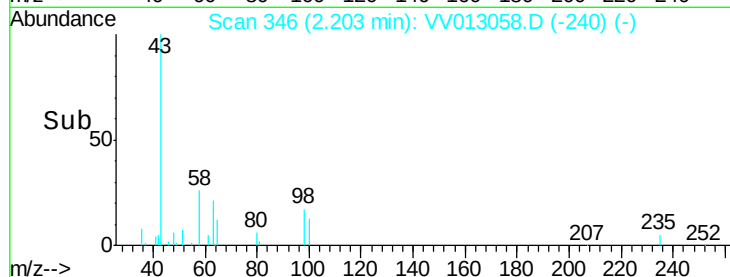
1000

500

0

2.15 2.20 2.25

Time-->



#16

Methylene chloride

Concen: 1.675 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

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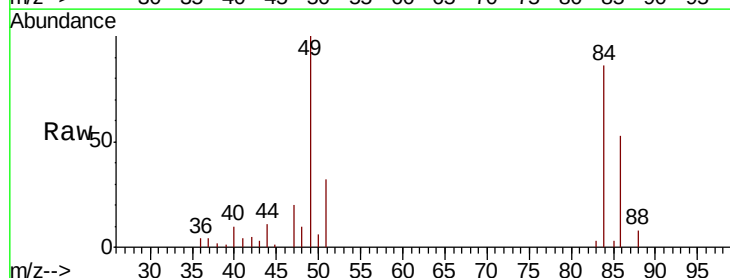
Tgt Ion: 84 Resp: 13258

Ion Ratio Lower Upper

84 100

49 116.7 88.3 164.1

86 62.0 44.9 83.3



Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 49.00 (48.70 to 49.70): VV0

Ion 86.00 (85.70 to 86.70): VV0

12000

10000

8000

6000

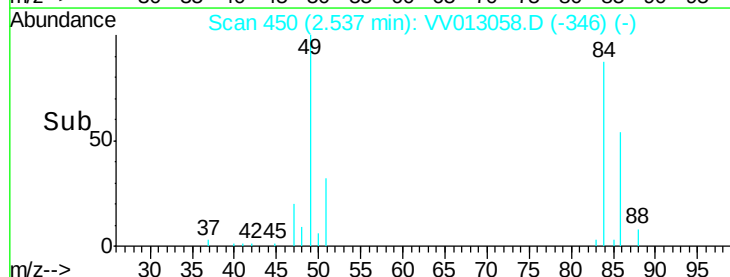
4000

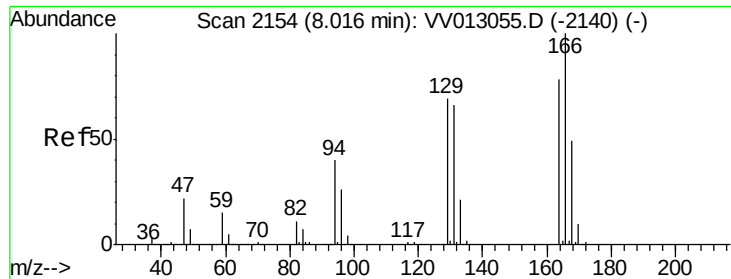
2000

0

2.50 2.55 2.60

Time-->





#47

Tetrachloroethene

Concen: 1.830 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

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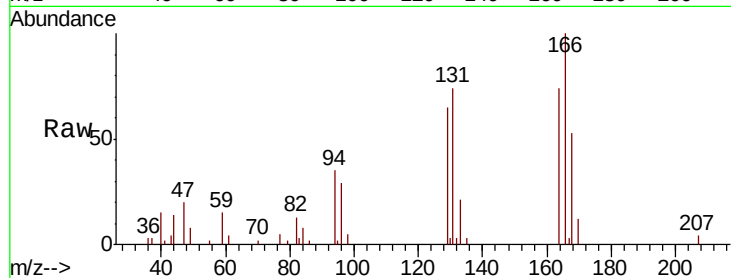
Acq: 08 Oct 2019 14:17

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Tot Ion:164 Resp: 8312

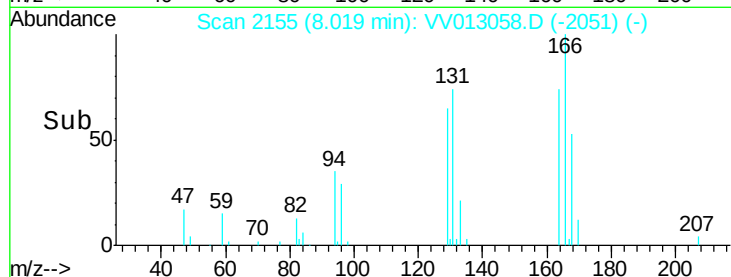
Ion Ratio Lower Upper

164 100

129 87.6 62.8 116.6

131 99.5 60.2 111.8

166 134.7 89.4 166.0



Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

