

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040419\
 Data File : VV010118.D
 Acq On : 04 Apr 2019 19:09
 Operator : SY/MD
 Sample : K2119-15
 Misc : 5.19G/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF5B3

Quant Time: Apr 05 01:31:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 05 01:26:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	293288	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	285163	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	129350	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	64869	16.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.08%
7) Chloroethane-d5	1.57	69	64152	13.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	52.60%
10) 1,1-Dichloroethene-d2	2.13	63	138775	14.01	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.04%
20) 2-Butanone-d5	3.93	46	34850	31.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	62.38%
24) Chloroform-d	4.40	84	146446	19.82	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.28%
26) 1,2-Dichloroethane-d4	5.08	65	82187	19.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	79.52%
29) Benzene-d6	5.10	84	300518	20.32	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.28%
33) 1,2-Dichloropropane-d6	6.12	67	88924	20.38	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	81.52%
37) Toluene-d8	7.36	98	288571	20.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.00%
38) trans-1,3-Dichloropropene-	7.66	79	31494	16.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	67.52%
39) 2-Hexanone-d5	8.13	63	25500	29.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	58.26%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	73583	17.10	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	68.40%
61) 1,2-Dichlorobenzene-d4	11.67	152	107161	21.27	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.08%

Target Compounds

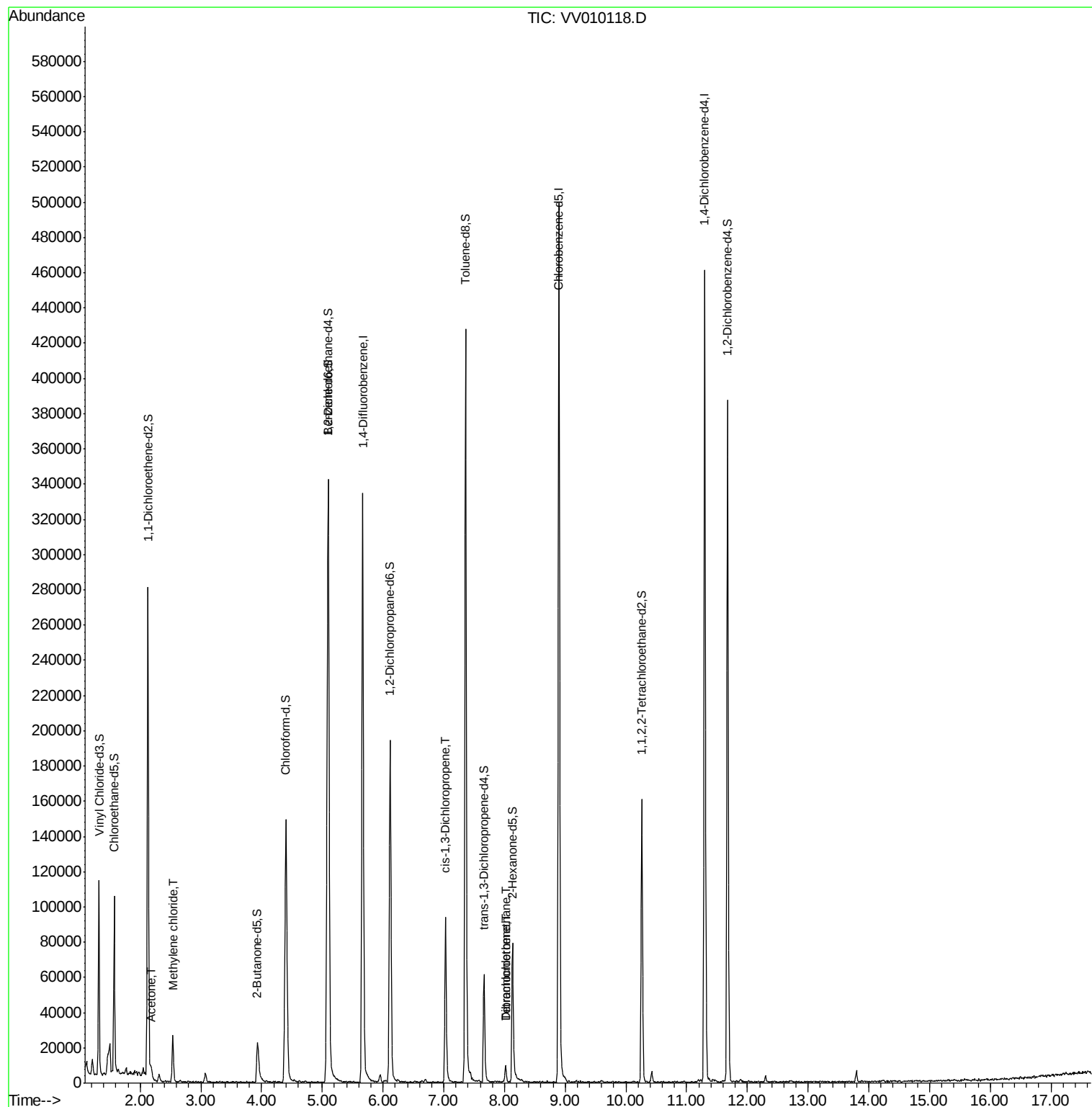
					Qvalue
13) Acetone	2.19	43	2705	2.449 ug/L	81
16) Methylene chloride	2.54	84	11283	2.190 ug/L	96
42) cis-1,3-Dichloropropene	7.03	75	3109	0.610 ug/L #	58
47) Tetrachloroethene	8.02	164	1925	0.573 ug/L	80
50) Dibromochloromethane	8.02	129	2098	0.599 ug/L #	12

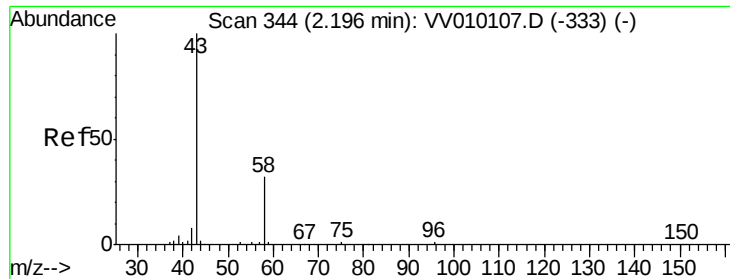
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 05 01:26:41 2019
Response via : Initial Calibration





#13

Acetone

Concen: 2.449 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.01 min

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Acq: 04 Apr 2019 19:09

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MSVOA_V

ClientSampleId :

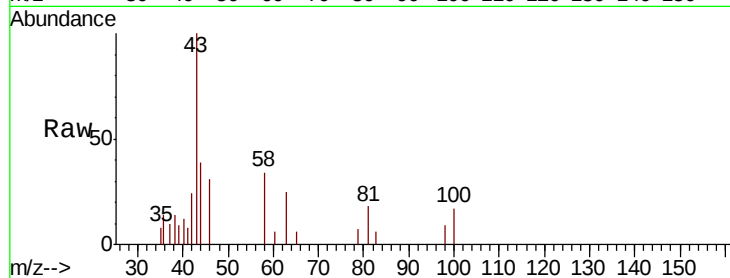
BF5B3

Tgt Ion: 43 Resp: 2705

Ion Ratio Lower Upper

43 100

58 21.7 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

2.19

2000

1500

1000

500

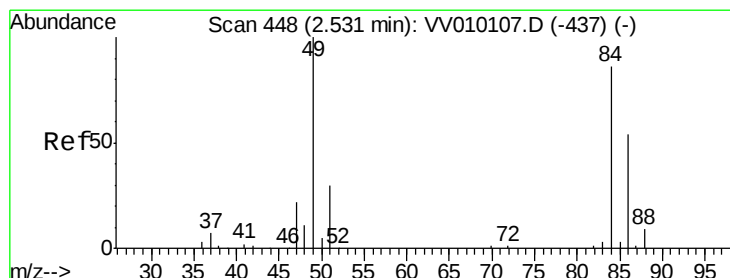
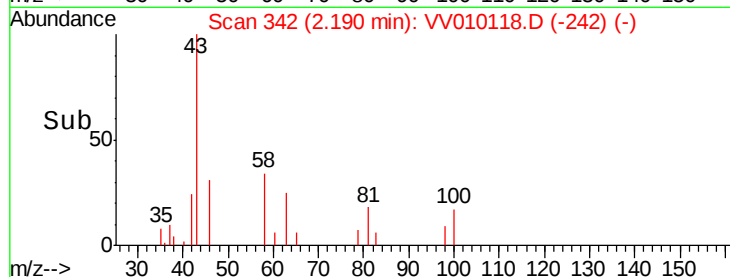
0

2.15

2.20

2.25

Time-->



#16

Methylene chloride

Concen: 2.190 ug/L

RT: 2.54 min Scan# 450

Delta R.T. -0.00 min

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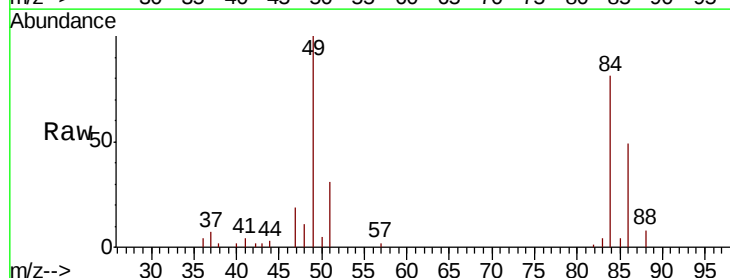
Tgt Ion: 84 Resp: 11283

Ion Ratio Lower Upper

84 100

49 123.6 84.3 156.5

86 60.4 45.4 84.2



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

10000

8000

6000

4000

2000

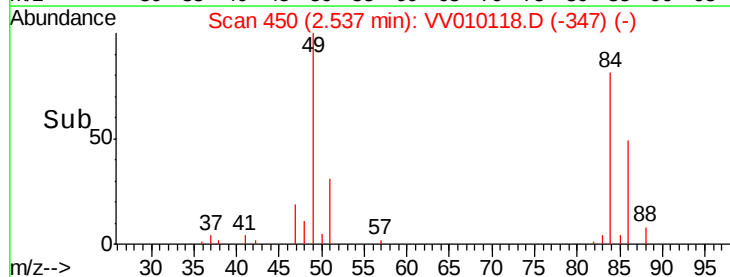
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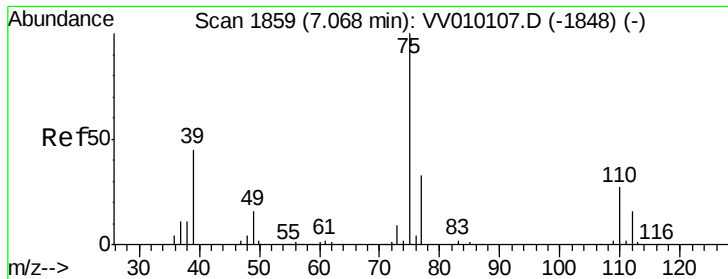
2.50

2.55

2.60

Time-->



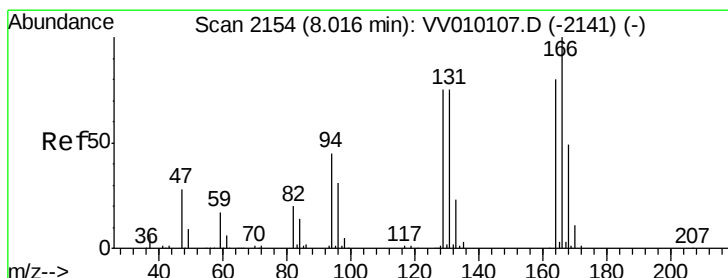
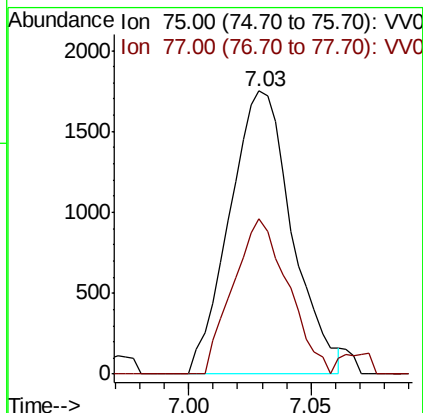
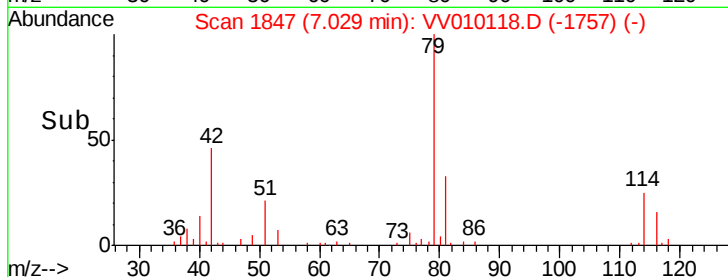
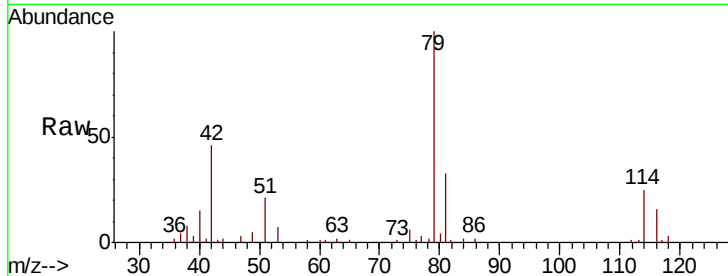


#42

cis-1,3-Dichloropropene
Concen: 0.610 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
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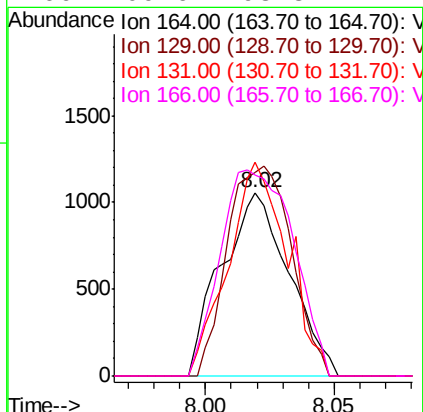
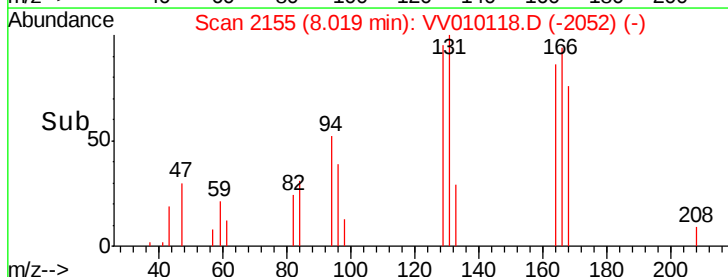
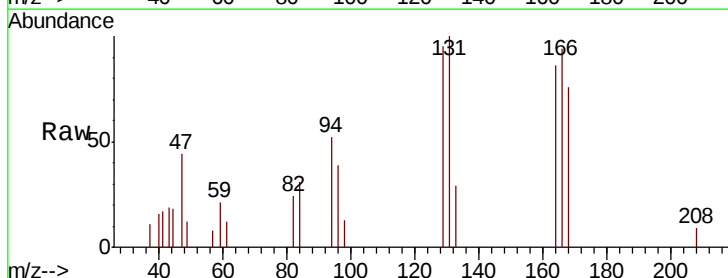
Tgt Ion: 75 Resp: 3109
Ion Ratio Lower Upper
75 100
77 54.7 22.1 41.1#

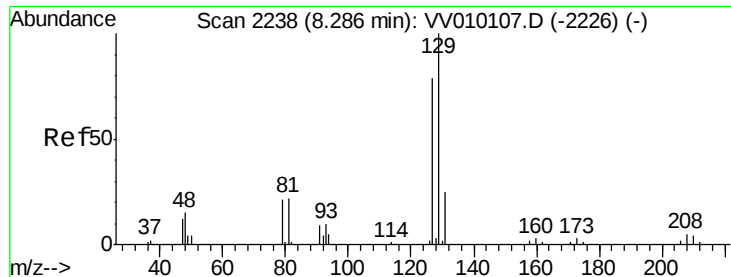


#47

Tetrachloroethene
Concen: 0.573 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. -0.00 min
Lab File: VV010118.D
Acq: 04 Apr 2019 19:09

Tgt Ion: 164 Resp: 1925
Ion Ratio Lower Upper
164 100
129 111.1 67.8 125.8
131 116.6 65.2 121.0
166 109.6 93.8 174.2





#50

Dibromochloromethane

Concen: 0.599 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. -0.27 min

Lab File: VV010118.D

Acq: 04 Apr 2019 19:09

Instrument :

MSVOA_V

ClientSampleId :

BF5B3

Tgt Ion:129 Resp: 2098

Ion Ratio Lower Upper

129 100

127 0.0 52.1 96.7#

