

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121918\
 Data File : VV009054.D
 Acq On : 19 Dec 2018 16:42
 Operator : SY/MD
 Sample : J6468-01
 Misc : 6.26G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0JF9

Quant Time: Dec 20 21:41:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 20 01:58:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	151704	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	158578	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	68000	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	21794	13.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	55.52%
7) Chloroethane-d5	1.58	69	30512	26.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.24%
10) 1,1-Dichloroethene-d2	2.13	63	68165	17.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.48%
20) 2-Butanone-d5	3.93	46	33209	58.10	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.20%
24) Chloroform-d	4.40	84	107119	29.37	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	117.48%
26) 1,2-Dichloroethane-d4	5.08	65	71722	36.04	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	144.16%#
29) Benzene-d6	5.10	84	192254	21.71	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.84%
33) 1,2-Dichloropropane-d6	6.12	67	68178	27.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.00%
37) Toluene-d8	7.36	98	175571	21.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.68%
38) trans-1,3-Dichloropropene-	7.67	79	29228	26.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	107.32%
39) 2-Hexanone-d5	8.14	63	19790	43.57	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.14%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	54823	26.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.44%
61) 1,2-Dichlorobenzene-d4	11.68	152	67430	26.42	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.68%

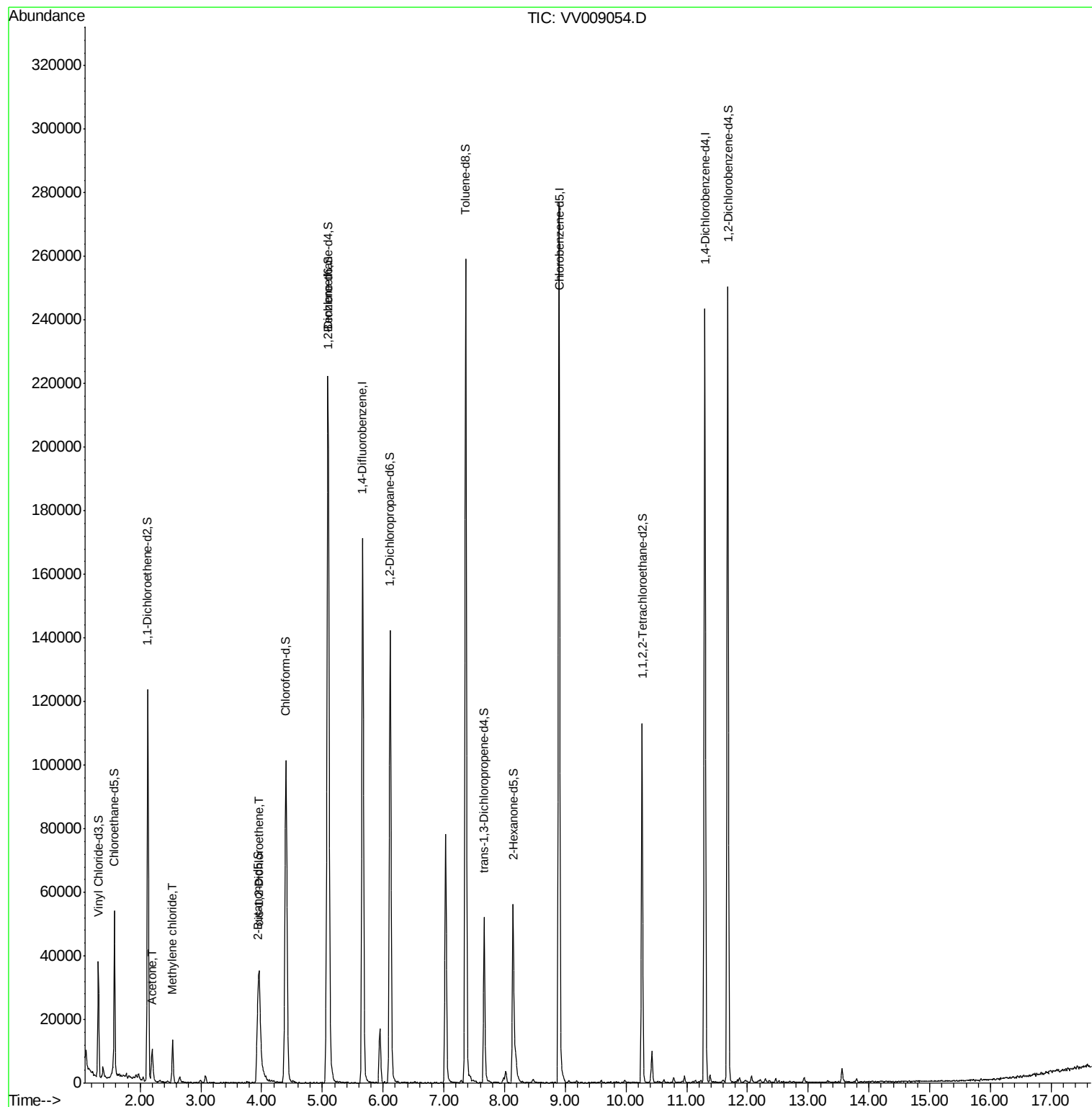
Target Compounds					Ovalue
13) Acetone	2.20	43	13084	15.537 ug/L	98
16) Methylene chloride	2.53	84	5728	2.242 ug/L	93
22) cis-1,2-Dichloroethene	3.96	96	7570	3.436 ug/L	97

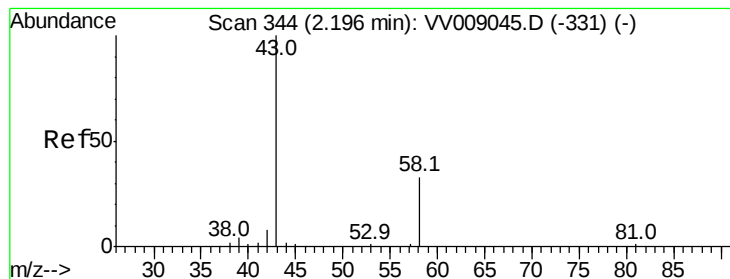
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 15.537 ug/L

RT: 2.20 min Scan# 344

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

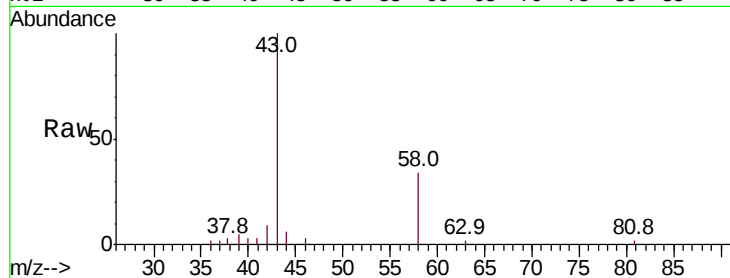
C0JF9

Tot Ion: 43 Resp: 13084

Ion Ratio Lower Upper

43 100

58 31.3 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VV009045.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV009045.D (-331) (-)

2.20

6000

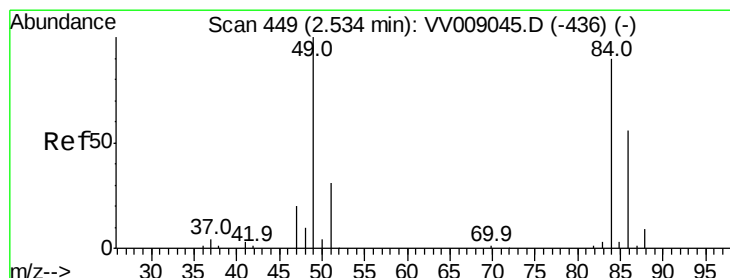
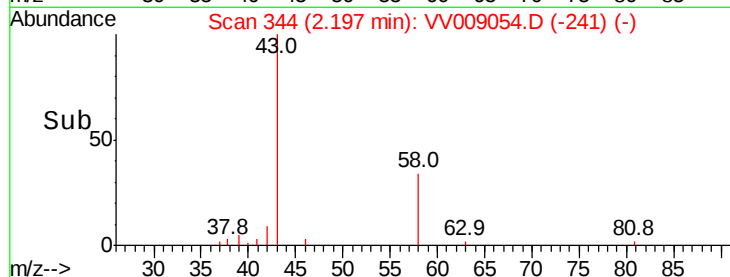
4000

2000

0

Time-->

2.15 2.20 2.25



#16

Methylene chloride

Concen: 2.242 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

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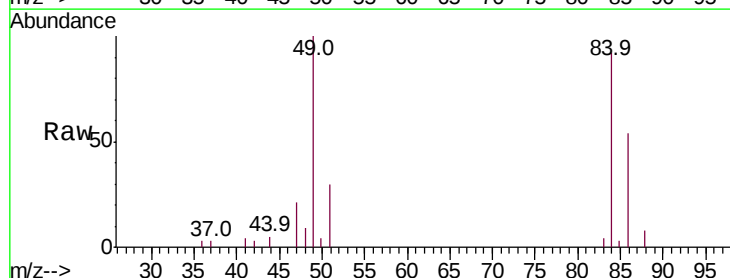
Tgt Ion: 84 Resp: 5728

Ion Ratio Lower Upper

84 100

49 108.4 80.5 149.5

86 58.0 45.5 84.5



Abundance Ion 84.00 (83.70 to 84.70): VV009045.D (-436) (-)

Ion 49.00 (48.70 to 49.70): VV009045.D (-436) (-)

Ion 86.00 (85.70 to 86.70): VV009045.D (-436) (-)

2.53

5000

4000

3000

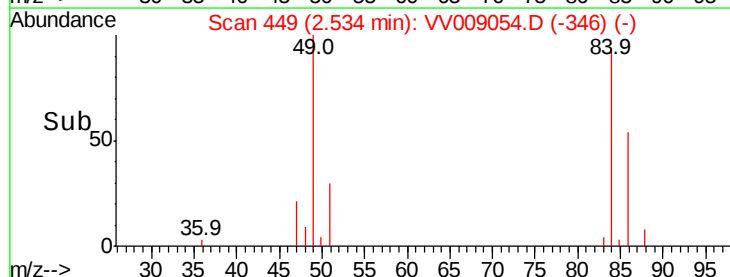
2000

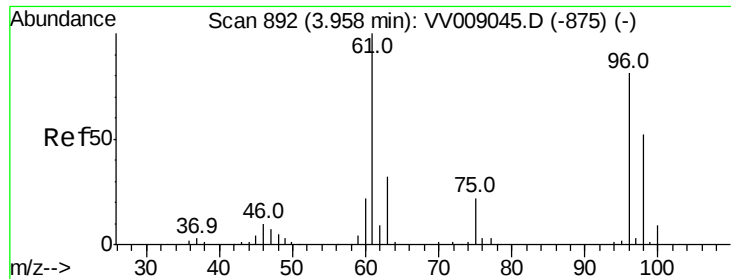
1000

0

Time-->

2.50 2.55





#22
 cis-1,2-Dichloroethene
 Concen: 3.436 ug/L
 RT: 3.96 min Scan# 894
 Delta R.T. 0.01 min
 Lab File: VV009054.D
 Acq: 19 Dec 2018 16:42

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 C0JF9

Tot Ion: 96 Resp: 7570
 Ion Ratio Lower Upper
 96 100
 61 120.8 86.2 160.0
 98 61.1 45.6 84.6

