

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV122018\
 Data File : VV009083.D
 Acq On : 20 Dec 2018 14:32
 Operator : SY/MD
 Sample : J6468-06
 Misc : 4.96 G/10ML/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0JG4

Quant Time: Dec 21 00:45:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 21 00:25:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	164152	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	104218	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	23351	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	35117	20.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.68%
7) Chloroethane-d5	1.58	69	39414	31.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	125.64%
10) 1,1-Dichloroethene-d2	2.13	63	65443	15.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.64%
20) 2-Butanone-d5	3.94	46	25860	41.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.62%
24) Chloroform-d	4.40	84	104026	26.36	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.44%
26) 1,2-Dichloroethane-d4	5.08	65	56345	26.16	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.64%
29) Benzene-d6	5.10	84	184664	31.73	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	126.92%
33) 1,2-Dichloropropane-d6	6.12	67	62161	38.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	152.60%#
37) Toluene-d8	7.36	98	138136	25.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.56%
38) trans-1,3-Dichloropropene-	7.67	79	14953	20.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.56%
39) 2-Hexanone-d5	8.14	63	14932	50.02	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.04%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	37206	27.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.88%
61) 1,2-Dichlorobenzene-d4	11.68	152	22494	25.67	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.68%

Target Compounds

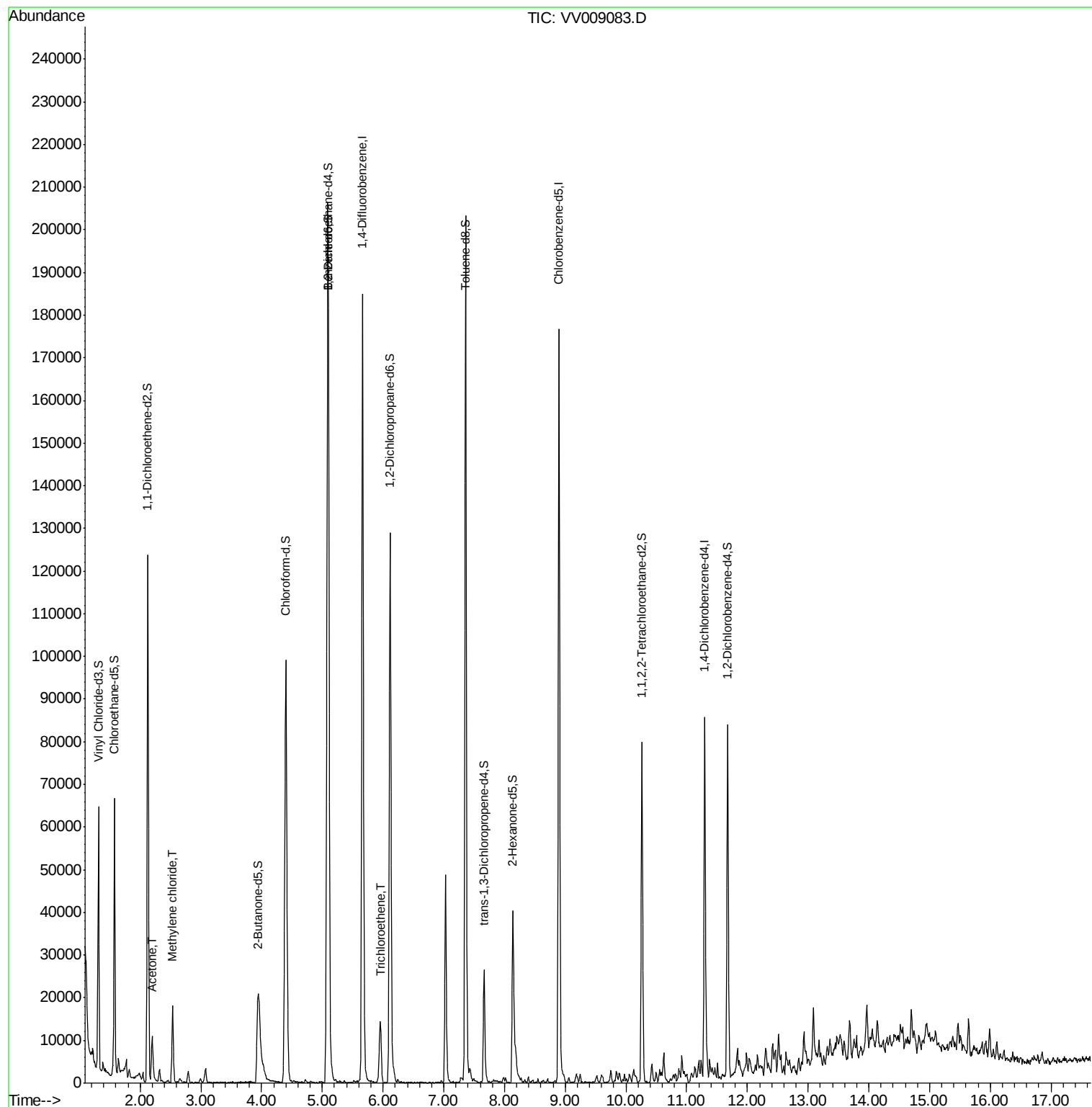
					Qvalue
13) Acetone	2.20	43	12809	14.057 ug/L	97
16) Methylene chloride	2.53	84	7627	2.759 ug/L	98
35) Trichloroethene	5.96	95	3480	1.849 ug/L	94

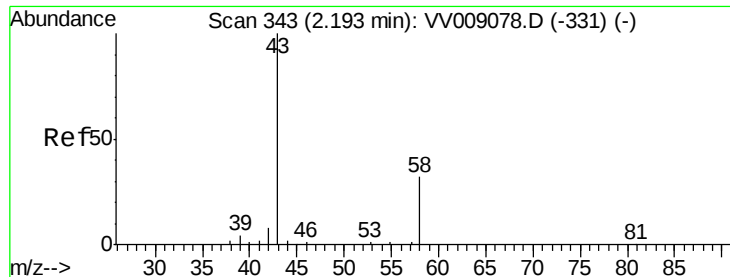
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 14.057 ug/L

RT: 2.20 min Scan# 345

Delta R.T. 0.01 min

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Acq: 20 Dec 2018 14:32

Instrument :

MSVOA_V

ClientSampleId :

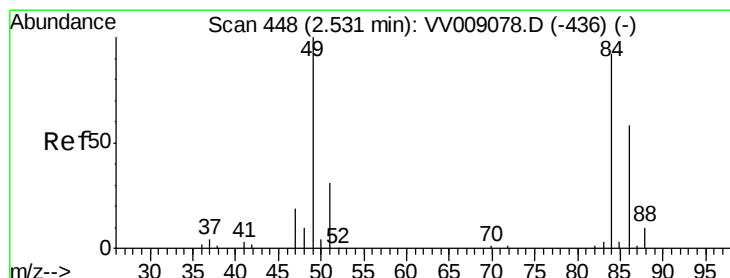
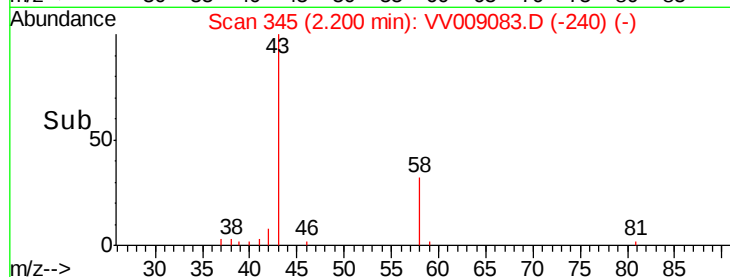
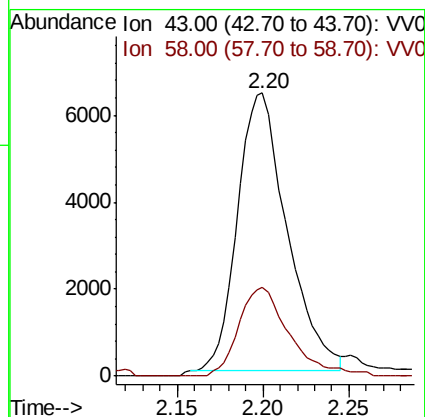
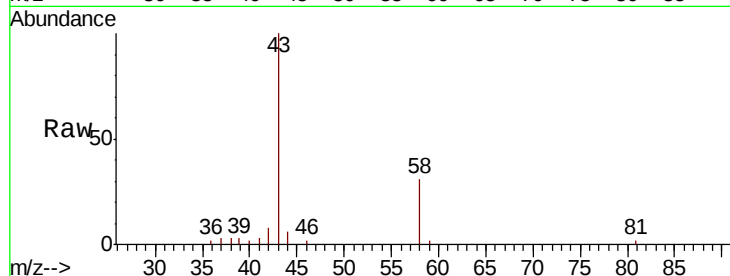
C0JG4

Tgt Ion: 43 Resp: 12809

Ion Ratio Lower Upper

43 100

58 31.2 0.0 65.4



#16

Methylene chloride

Concen: 2.759 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

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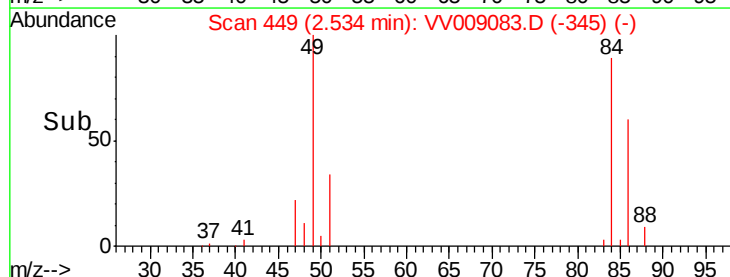
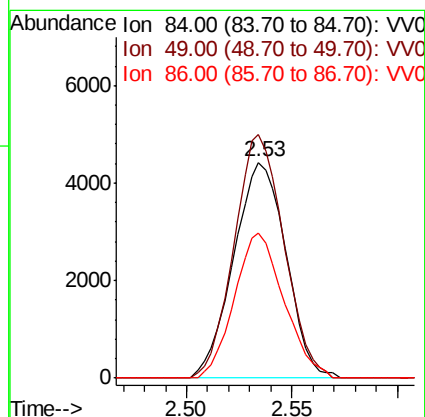
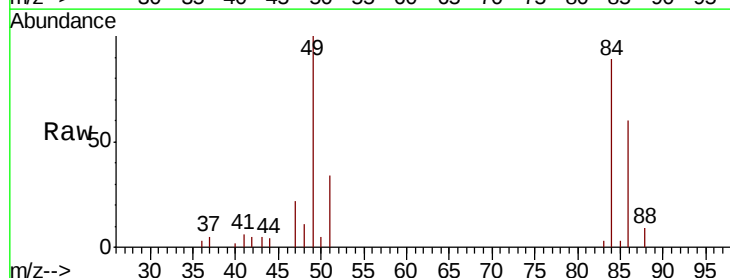
Tgt Ion: 84 Resp: 7627

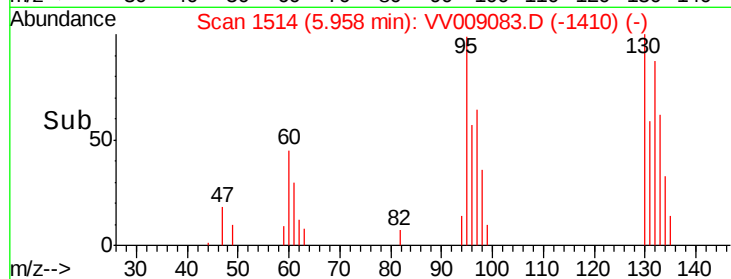
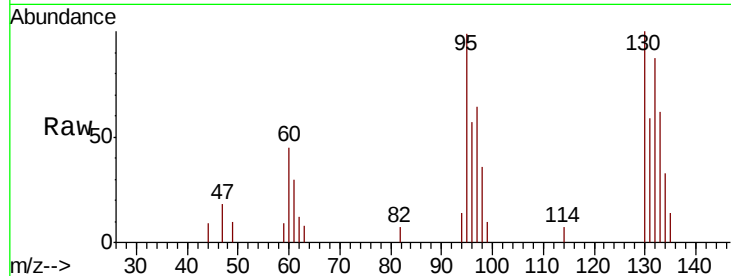
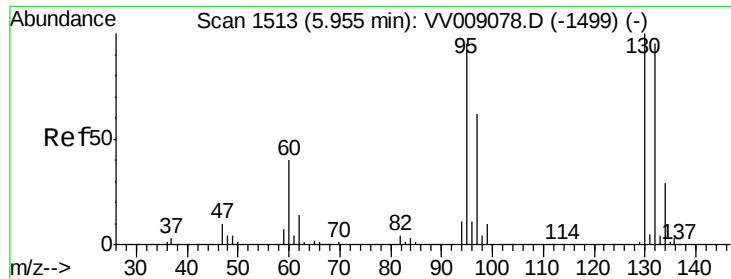
Ion Ratio Lower Upper

84 100

49 112.8 80.5 149.5

86 67.1 45.5 84.5





#35

Trichloroethene

Concen: 1.849 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

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Tgt Ion: 95 Resp: 3480

Ion Ratio Lower Upper

95 100

97 73.6 45.3 84.1

132 102.1 70.0 130.0

130 99.3 73.4 136.4

Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

