

Data File : VV009980.D
Acq On : 28 Mar 2019 22:46
Operator : SY/MD
Sample : K2085-14
Misc : 4.49G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF7T9

Quant Time: Mar 29 04:23:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 29 04:20:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	165865	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	167516	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	65821	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	62065	18.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.76%
7) Chloroethane-d5	1.58	69	75501	20.77	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.08%
10) 1,1-Dichloroethene-d2	2.13	63	138610	15.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.20%
20) 2-Butanone-d5	3.93	46	23975	38.22	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.44%
24) Chloroform-d	4.40	84	92698	21.94	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.76%
26) 1,2-Dichloroethane-d4	5.08	65	56259	22.12	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.48%
29) Benzene-d6	5.10	84	200202	22.76	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.04%
33) 1,2-Dichloropropane-d6	6.12	67	60441	23.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.92%
37) Toluene-d8	7.36	98	175535	21.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.32%
38) trans-1,3-Dichloropropene-	7.66	79	18830	17.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.52%
39) 2-Hexanone-d5	8.13	63	16381	34.10	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.20%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	46053	18.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	72.28%
61) 1,2-Dichlorobenzene-d4	11.67	152	57538	22.96	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.84%

Target Compounds

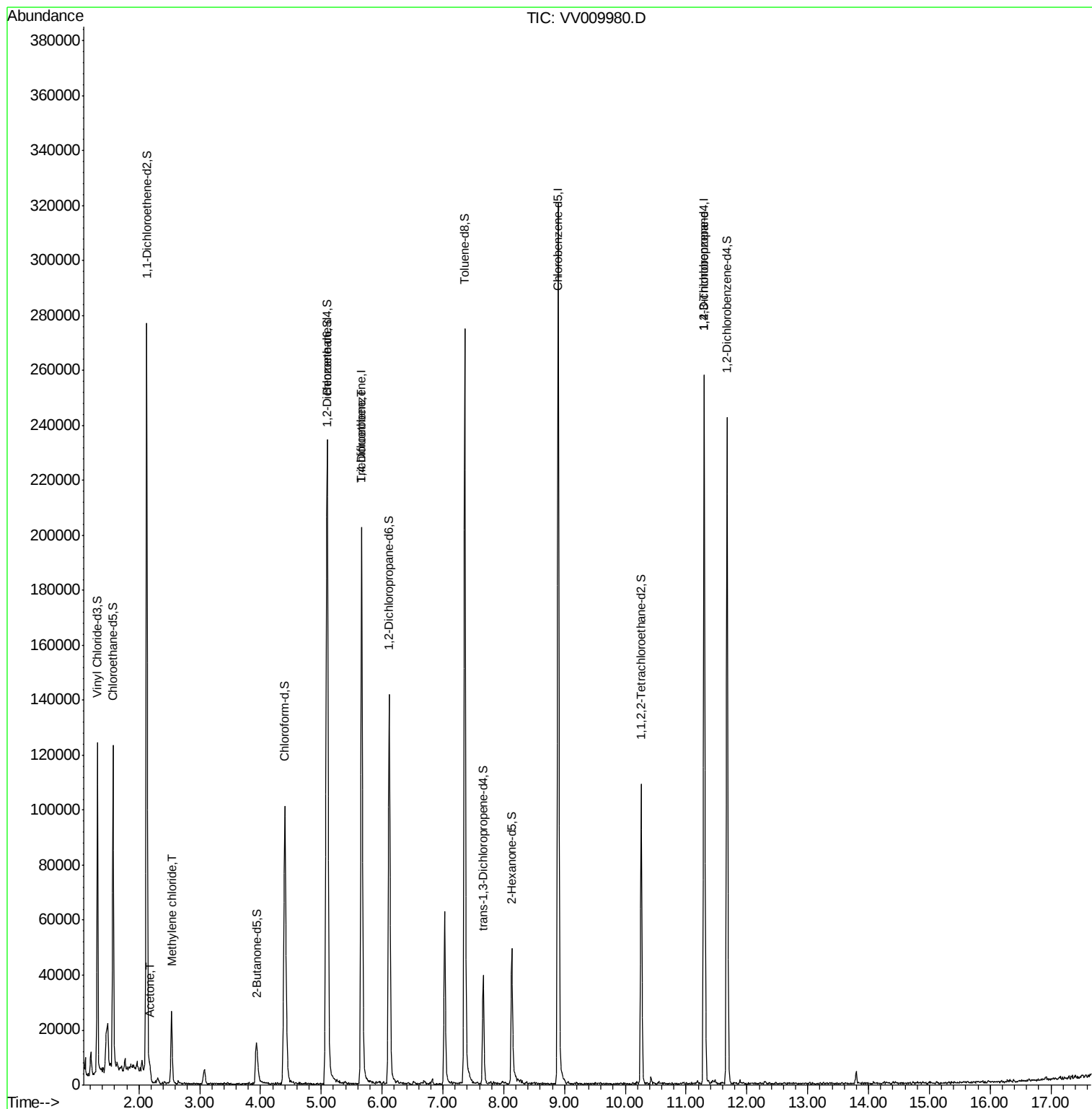
					Qvalue
13) Acetone	2.18	43	1726	1.818 ug/L	97
16) Methylene chloride	2.54	84	9381	3.434 ug/L	98
35) Trichloroethene	5.66	95	2907	1.198 ug/L #	5
59) 1,2,3-Trichloropropane	11.30	75	10562	5.711 ug/L	100

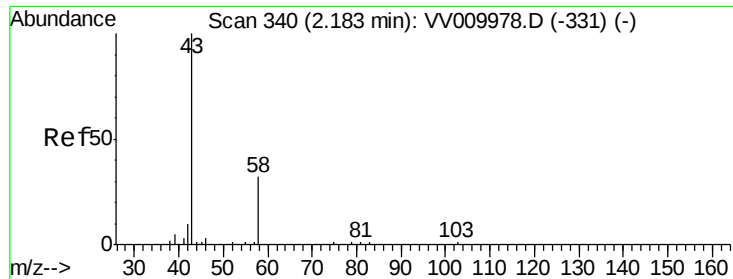
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.818 ug/L

RT: 2.18 min Scan# 340

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampled :

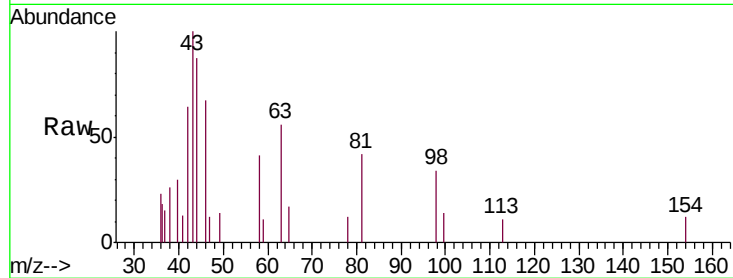
BF7T9

Tgt Ion: 43 Resp: 1726

Ion Ratio Lower Upper

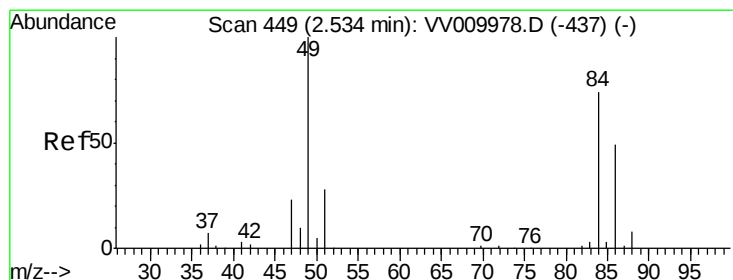
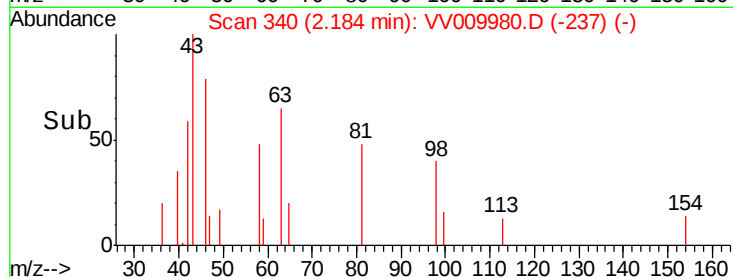
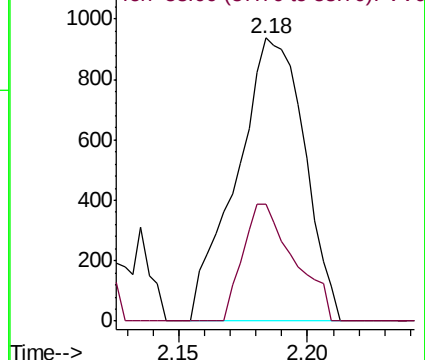
43 100

58 31.3 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VV009978.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV009978.D (-331) (-)



#16

Methylene chloride

Concen: 3.434 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV009980.D

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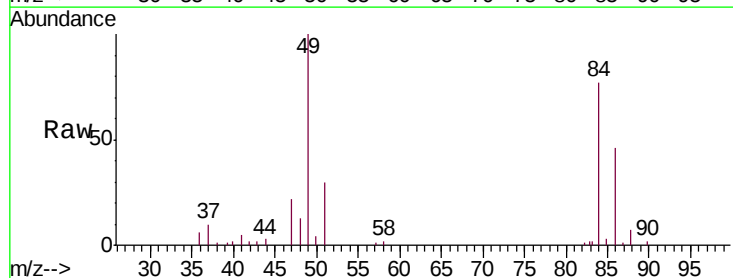
Tgt Ion: 84 Resp: 9381

Ion Ratio Lower Upper

84 100

49 130.1 90.4 167.8

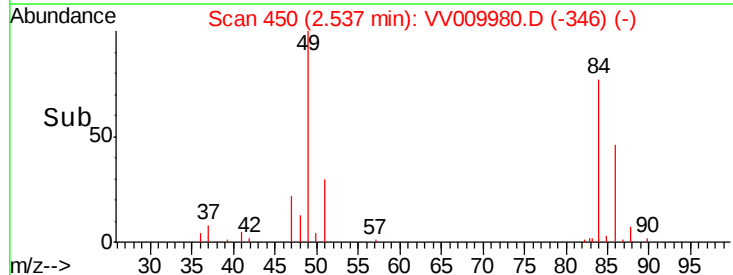
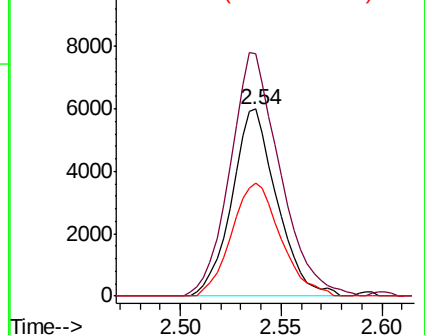
86 60.5 44.0 81.6

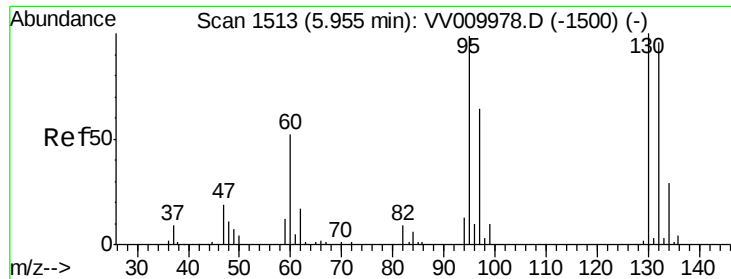


Abundance Ion 84.00 (83.70 to 84.70): VV009978.D (-437) (-)

Ion 49.00 (48.70 to 49.70): VV009978.D (-437) (-)

Ion 86.00 (85.70 to 86.70): VV009978.D (-437) (-)





#35

Trichloroethene

Concen: 1.198 ug/L

RT: 5.66 min Scan# 1422

Delta R.T. -0.29 min

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MSVOA_V

ClientSampleId :

BF7T9

Tgt Ion: 95 Resp: 2907

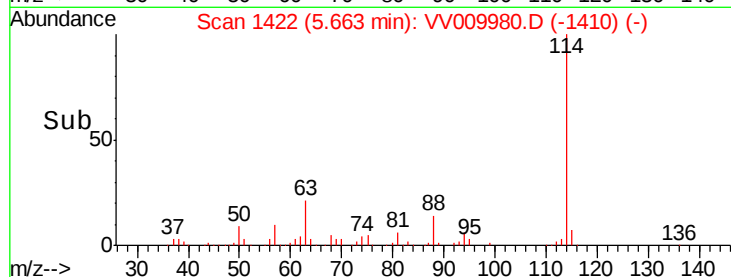
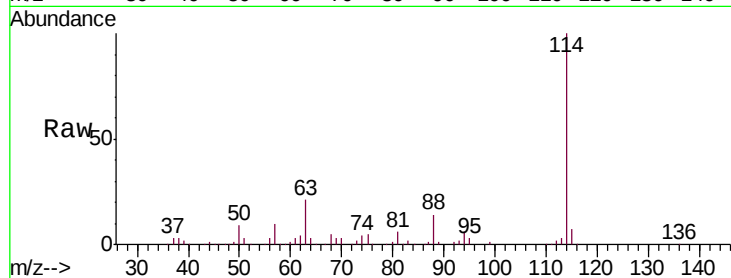
Ion Ratio Lower Upper

95 100

97 0.0 46.3 85.9#

132 0.0 69.3 128.7#

130 0.0 69.5 129.1#



Abundance Ion 95.00 (94.70 to 95.70): VV009980.D (-1410) (-)

Ion 97.00 (96.70 to 97.70): VV009980.D (-1410) (-)

Ion 132.00 (131.70 to 132.70): VV009980.D (-1410) (-)

Ion 130.00 (129.70 to 130.70): VV009980.D (-1410) (-)

Time-->

5.62 5.64 5.66

3000

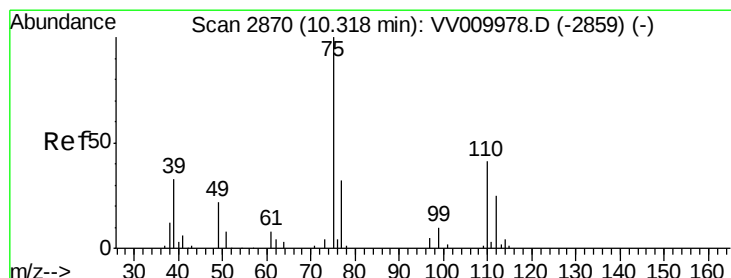
2000

1000

0

5.62 5.64 5.66

Time-->



#59

1,2,3-Trichloropropane

Concen: 5.711 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

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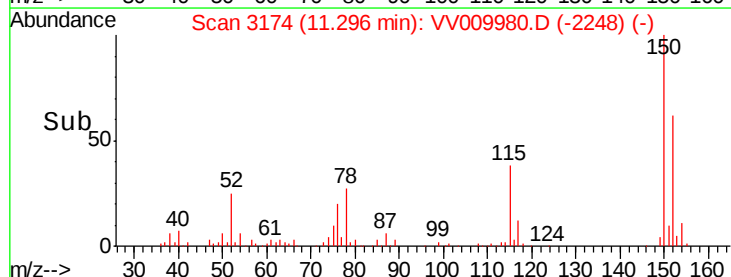
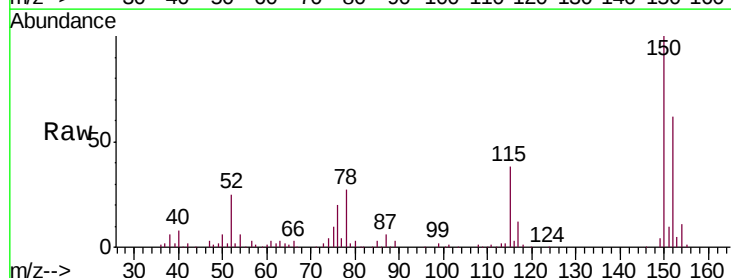
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Tgt Ion: 75 Resp: 10562

Ion Ratio Lower Upper

75 100

77 32.8 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VV009980.D (-2248) (-)

Ion 77.00 (76.70 to 77.70): VV009980.D (-2248) (-)

Time-->

11.25 11.30 11.35

6000

4000

2000

0

11.25 11.30 11.35

Time-->