

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV010419\
 Data File : VV009175.D
 Acq On : 04 Jan 2019 23:09
 Operator : SY/MD
 Sample : K1050-08
 Misc : 6.52 G/10ML/MSVOA V/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BE9W5

Quant Time: Jan 05 06:09:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM010419S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jan 05 05:00:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	187651	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	184500	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	88934	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	25051	19.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.08%
7) Chloroethane-d5	1.58	69	28053	22.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.12%
10) 1,1-Dichloroethene-d2	2.13	63	63183	14.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.92%
20) 2-Butanone-d5	3.96	46	31878	35.30	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.60%
24) Chloroform-d	4.40	84	95461	24.16	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.64%
26) 1,2-Dichloroethane-d4	5.08	65	55279	26.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.60%
29) Benzene-d6	5.10	84	188975	22.99	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.96%
33) 1,2-Dichloropropane-d6	6.12	67	60303	25.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.36%
37) Toluene-d8	7.36	98	175286	22.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.40%
38) trans-1,3-Dichloropropene-	7.67	79	25211	22.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.16%
39) 2-Hexanone-d5	8.14	63	18022	32.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.80%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	55558	21.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.80%
61) 1,2-Dichlorobenzene-d4	11.68	152	74828	24.89	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.56%

Target Compounds

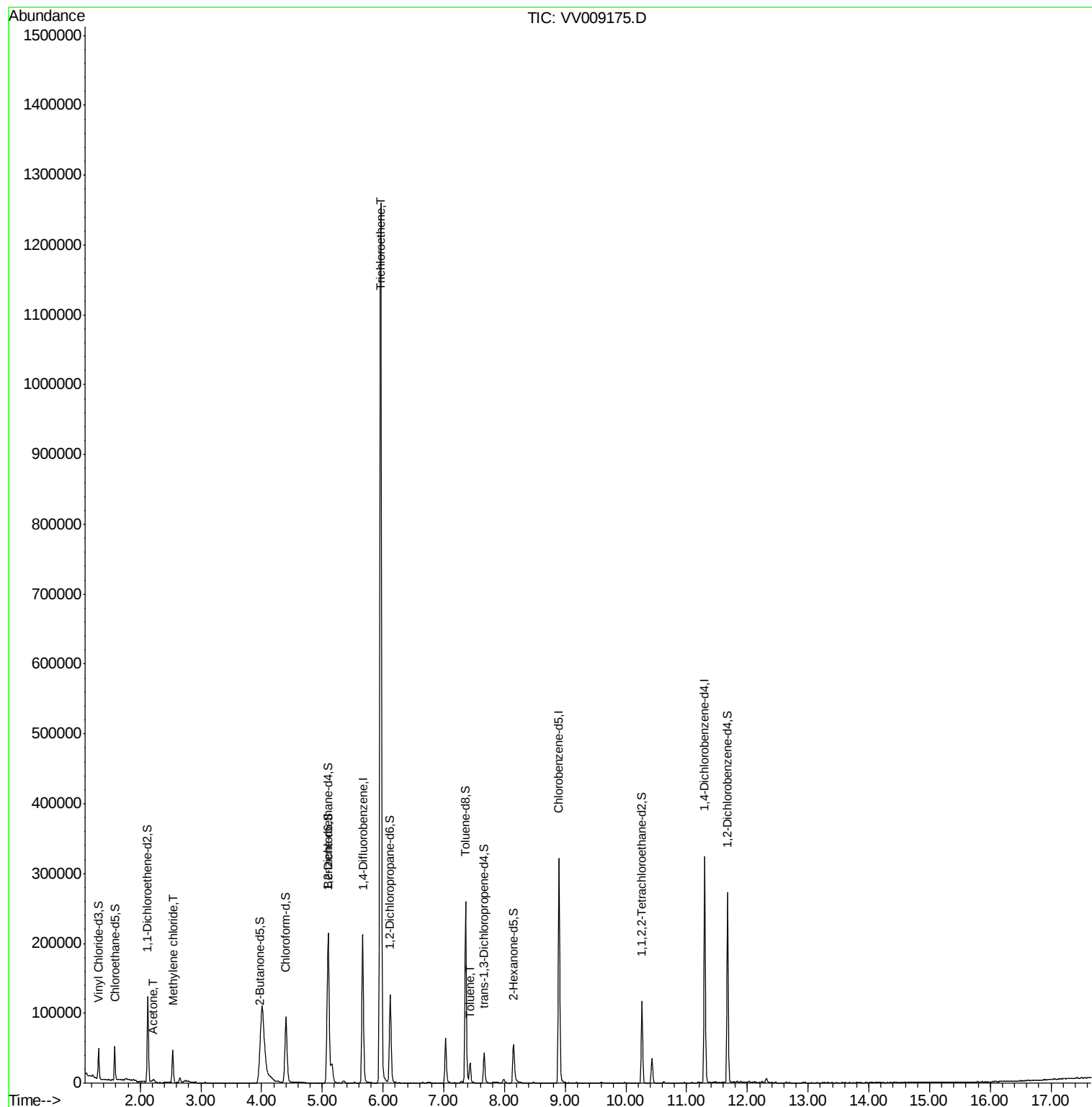
					Ovalue
13) Acetone	2.22	43	7217	5.640	ug/L 95
16) Methylene chloride	2.54	84	20465	7.300	ug/L 94
35) Trichloroethene	5.96	95	434868	152.189	ug/L 97
44) Toluene	7.43	91	20247	1.893	ug/L 100

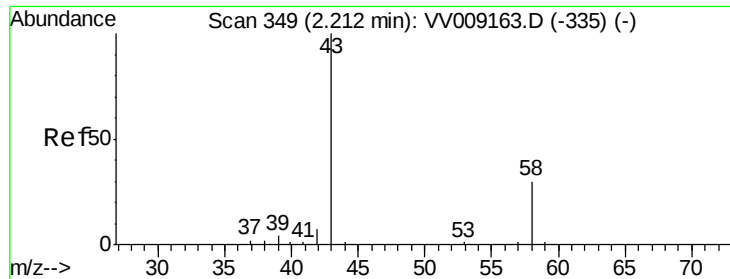
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Jan 05 05:00:49 2019
Response via : Initial Calibration





#13

Acetone

Concen: 5.640 ug/L

RT: 2.22 min Scan# 350

Delta R.T. 0.00 min

Lab File: VV009175.D

Acq: 04 Jan 2019 23:09

Instrument :

MSVOA_V

ClientSampleId :

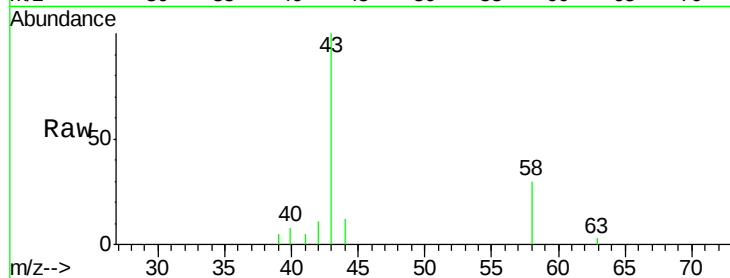
BE9W5

Tot Ion: 43 Resp: 7217

Ion Ratio Lower Upper

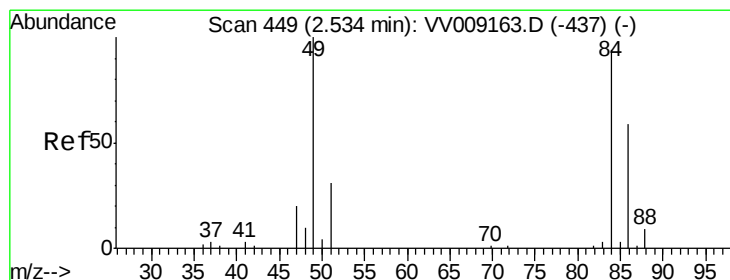
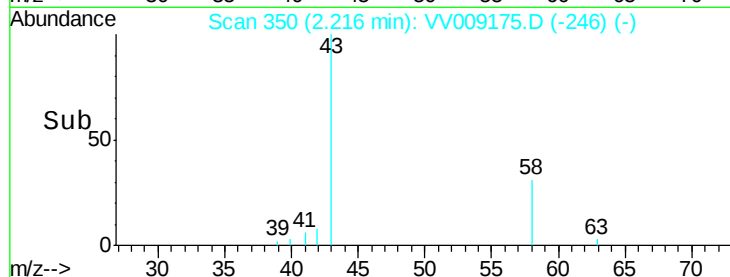
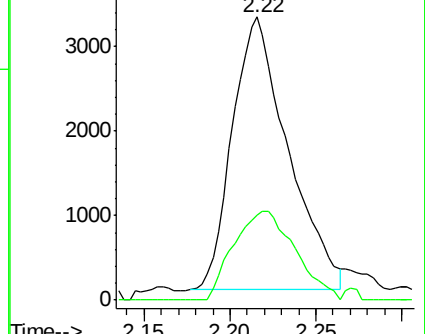
43 100

58 36.3 0.0 67.0



Abundance Ion 43.00 (42.70 to 43.70): VV009175.D (-346) (-)

Ion 58.00 (57.70 to 58.70): VV009175.D (-346) (-)



#16

Methylene chloride

Concen: 7.300 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV009175.D

Acq: 04 Jan 2019 23:09

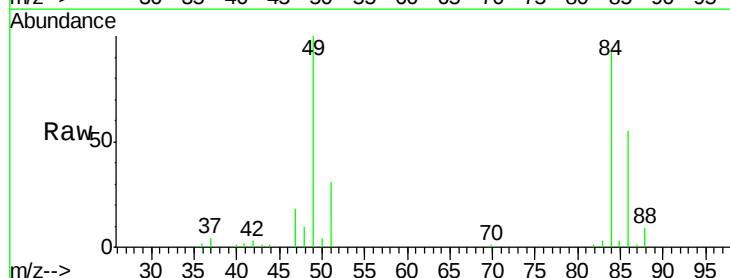
Tgt Ion: 84 Resp: 20465

Ion Ratio Lower Upper

84 100

49 107.8 77.6 144.2

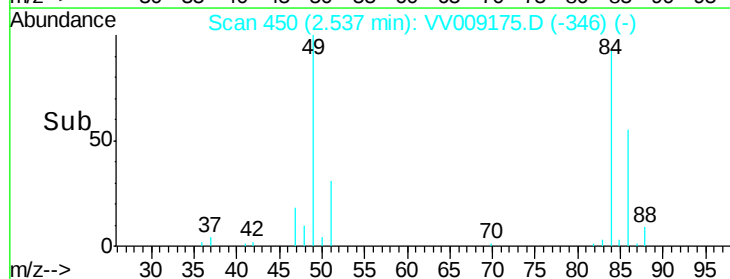
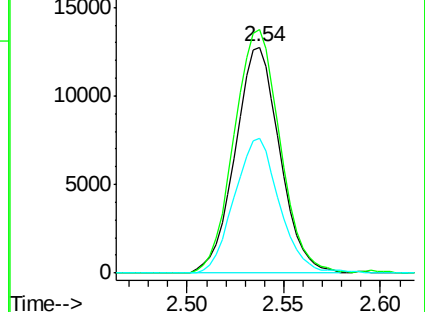
86 59.7 47.4 88.0

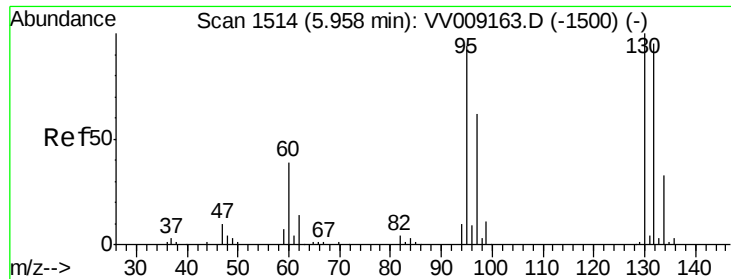


Abundance Ion 84.00 (83.70 to 84.70): VV009175.D (-346) (-)

Ion 49.00 (48.70 to 49.70): VV009175.D (-346) (-)

Ion 86.00 (85.70 to 86.70): VV009175.D (-346) (-)





#35

Trichloroethene

Concen: 152.189 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VV009175.D

Acq: 04 Jan 2019 23:09

Instrument :

MSVOA_V

ClientSampled :

BE9W5

Tot Ion: 95 Resp: 434868

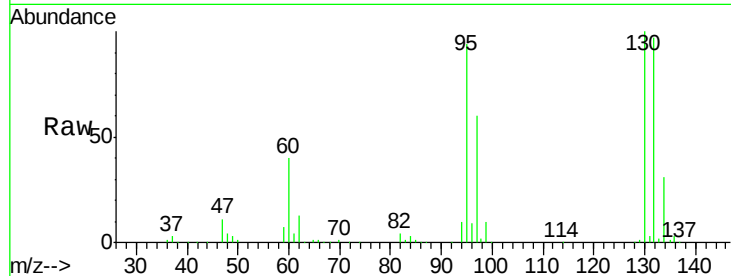
Ion Ratio Lower Upper

95 100

97 64.7 46.2 85.8

132 103.2 73.9 137.3

130 106.6 77.0 143.0

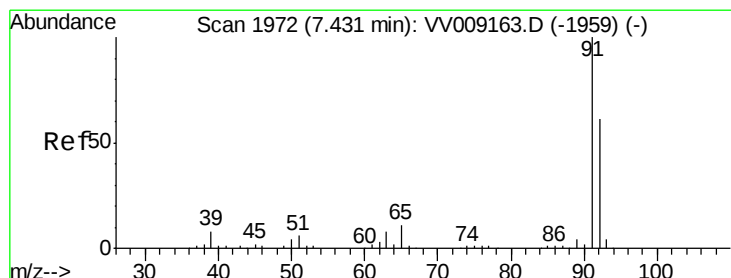
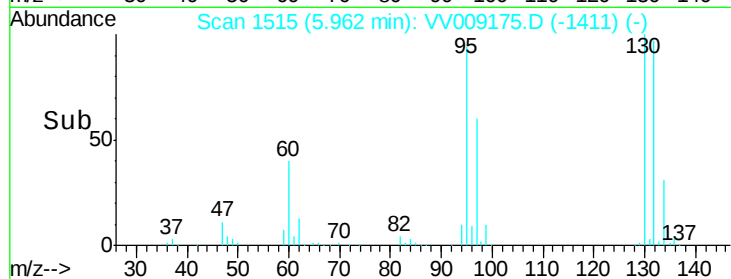
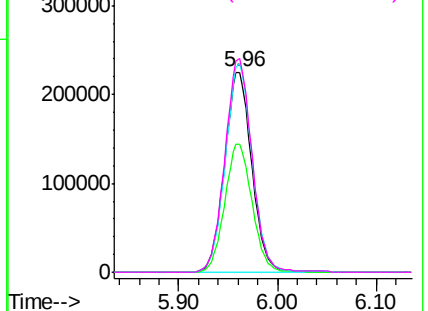


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0



#44

Toluene

Concen: 1.893 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VV009175.D

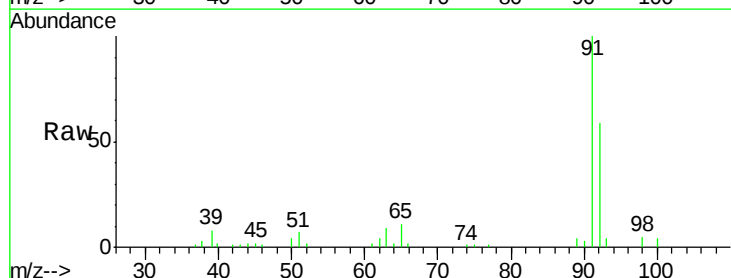
Acq: 04 Jan 2019 23:09

Tgt Ion: 91 Resp: 20247

Ion Ratio Lower Upper

91 100

92 59.3 41.7 77.5



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 92.00 (91.70 to 92.70): VV0

