

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092419\
 Data File : VV012963.D
 Acq On : 24 Sep 2019 16:42
 Operator : SY/MD
 Sample : K4984-07
 Misc : 4.40G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BEDL1

Quant Time: Sep 25 02:15:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 25 01:56:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	848515	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	792157	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	353513	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	263973	20.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.20%
7) Chloroethane-d5	1.58	69	230864	21.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.76%
10) 1,1-Dichloroethene-d2	2.13	63	357942	16.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.40%
20) 2-Butanone-d5	3.94	46	156116	34.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.68%
24) Chloroform-d	4.40	84	504439	21.64	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.56%
26) 1,2-Dichloroethane-d4	5.08	65	286815	21.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.68%
29) Benzene-d6	5.10	84	1068646	24.16	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.64%
33) 1,2-Dichloropropane-d6	6.11	67	336389	24.26	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.04%
37) Toluene-d8	7.36	98	940676	23.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.72%
38) trans-1,3-Dichloropropene-	7.66	79	125276	21.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.36%
39) 2-Hexanone-d5	8.13	63	111655	40.02	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.04%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	258600	19.64	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	78.56%
61) 1,2-Dichlorobenzene-d4	11.67	152	336685	24.51	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.04%

Target Compounds

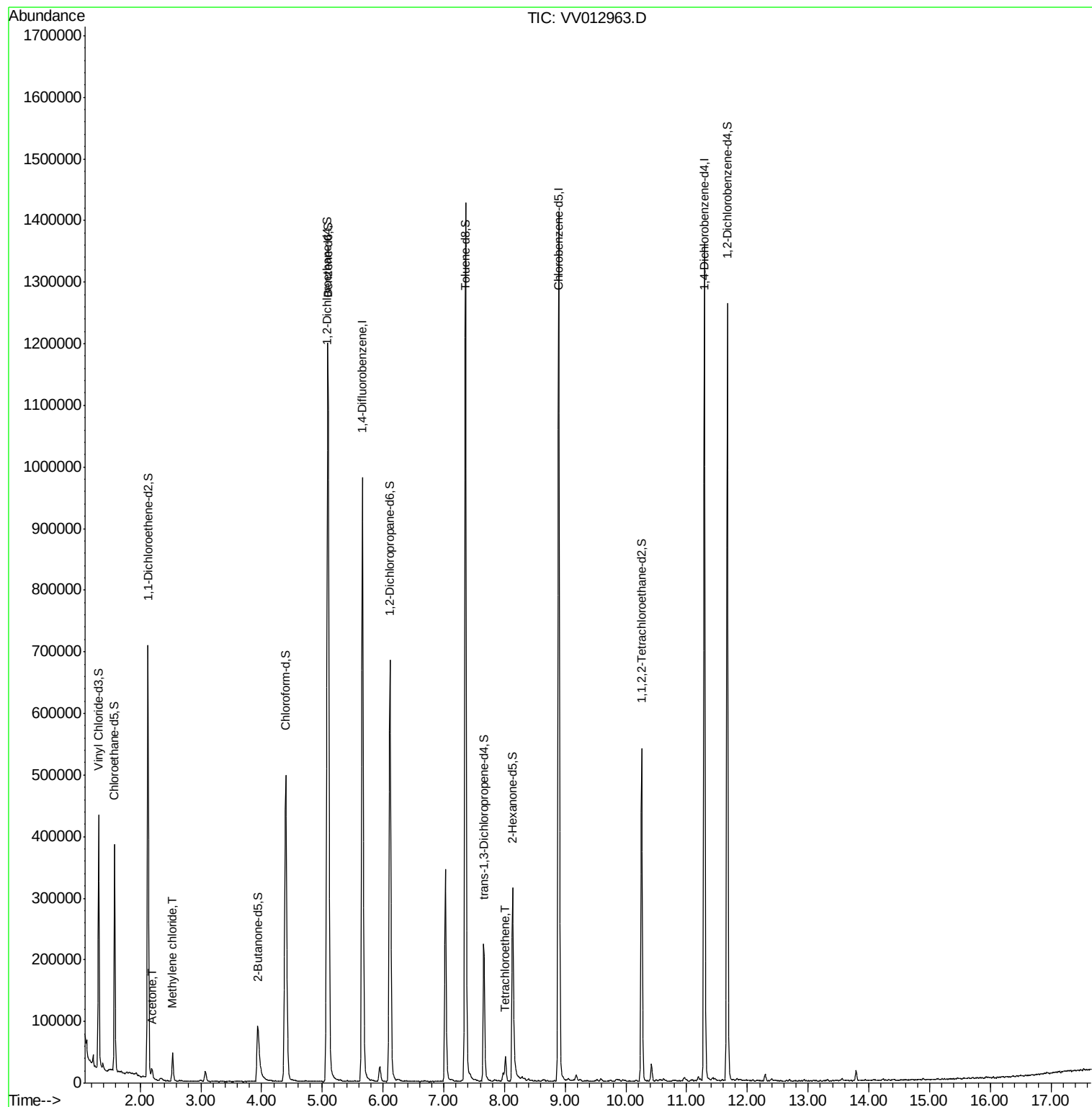
					Ovalue
13) Acetone	2.20	43	17293	3.579 ug/L	97
16) Methylene chloride	2.53	84	18701	1.475 ug/L	95
47) Tetrachloroethene	8.02	164	9704	0.972 ug/L	95

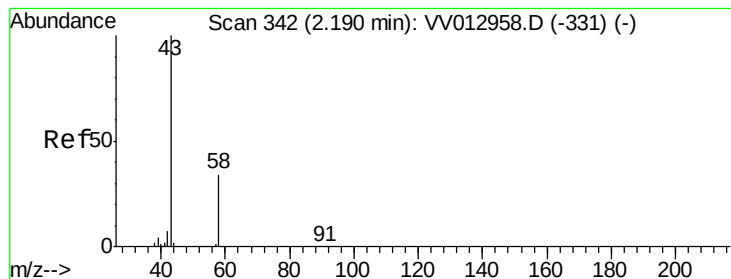
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.579 ug/L

RT: 2.20 min Scan# 344

Delta R.T. 0.01 min

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ClientSampleId :

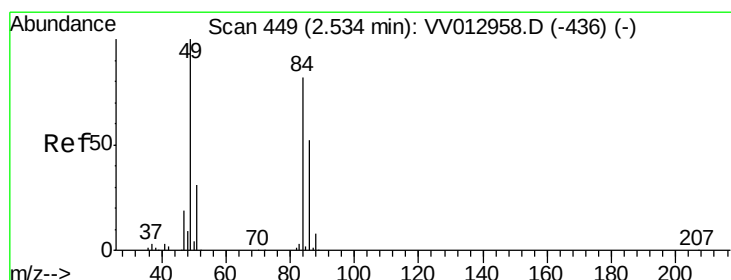
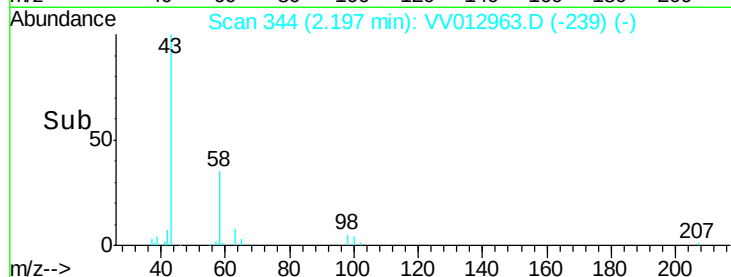
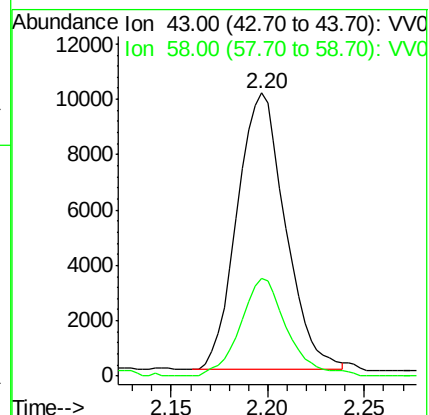
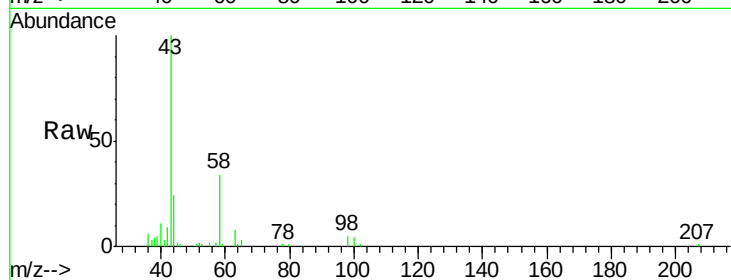
BEDL1

Tot Ion: 43 Resp: 17293

Ion Ratio Lower Upper

43 100

58 34.3 0.0 65.0



#16

Methylene chloride

Concen: 1.475 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

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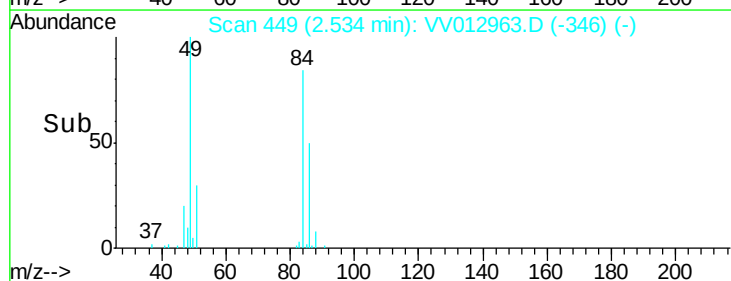
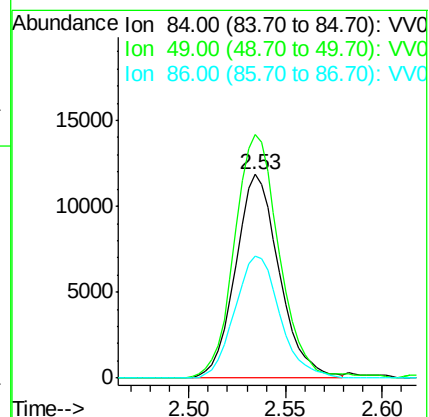
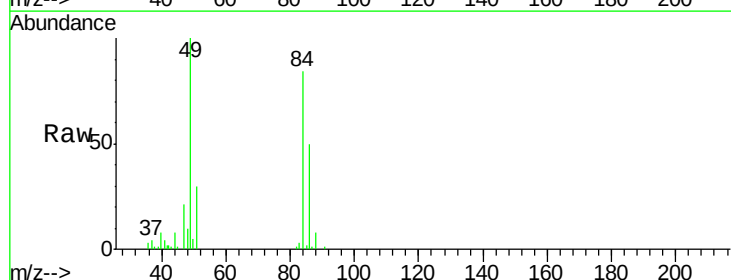
Tgt Ion: 84 Resp: 18701

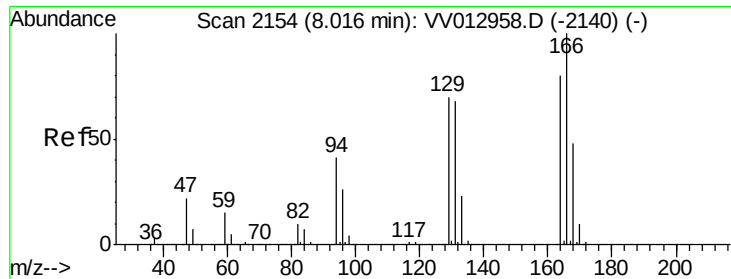
Ion Ratio Lower Upper

84 100

49 119.7 88.3 164.1

86 60.3 44.9 83.3





#47

Tetrachloroethene

Concen: 0.972 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. 0.00 min

Lab File: VV012963.D

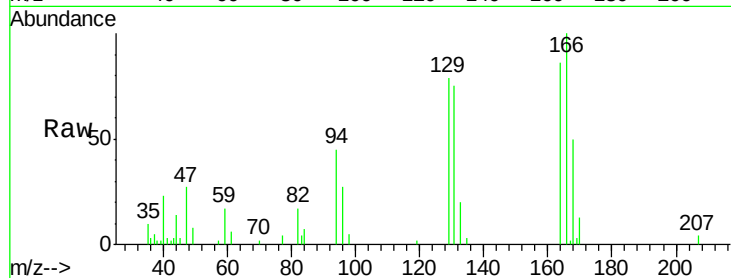
Acq: 24 Sep 2019 16:42

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MSVOA_V

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Tot Ion:164 Resp: 9704

Ion Ratio Lower Upper

164 100

129 92.4 62.8 116.6

131 86.8 60.2 111.8

166 116.3 89.4 166.0

Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

