

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052019\
 Data File : VV010987.D
 Acq On : 21 May 2019 06:18
 Operator : SY/MD
 Sample : K2948-04
 Misc : 5.21G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFHA9

Quant Time: May 22 05:13:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 22 04:53:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	15805	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	16095	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	4325	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	1420	7.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	31.52%
7) Chloroethane-d5	1.57	69	1708	14.00	ug/L	0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	56.00%
10) 1,1-Dichloroethene-d2	2.12	63	3210	9.27	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	37.08%#
20) 2-Butanone-d5	3.95	46	2389	38.43	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.86%
24) Chloroform-d	4.40	84	10488	25.62	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.48%
26) 1,2-Dichloroethane-d4	5.08	65	6820	28.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.08%
29) Benzene-d6	5.10	84	16311	18.56	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	74.24%
33) 1,2-Dichloropropane-d6	6.11	67	7151	25.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.44%
37) Toluene-d8	7.36	98	11716	14.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	57.36%
38) trans-1,3-Dichloropropene-	7.66	79	2043	17.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.28%
39) 2-Hexanone-d5	8.14	63	1337	25.68	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	51.36%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	7212	25.87	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.48%
61) 1,2-Dichlorobenzene-d4	11.67	152	3937	22.42	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.68%

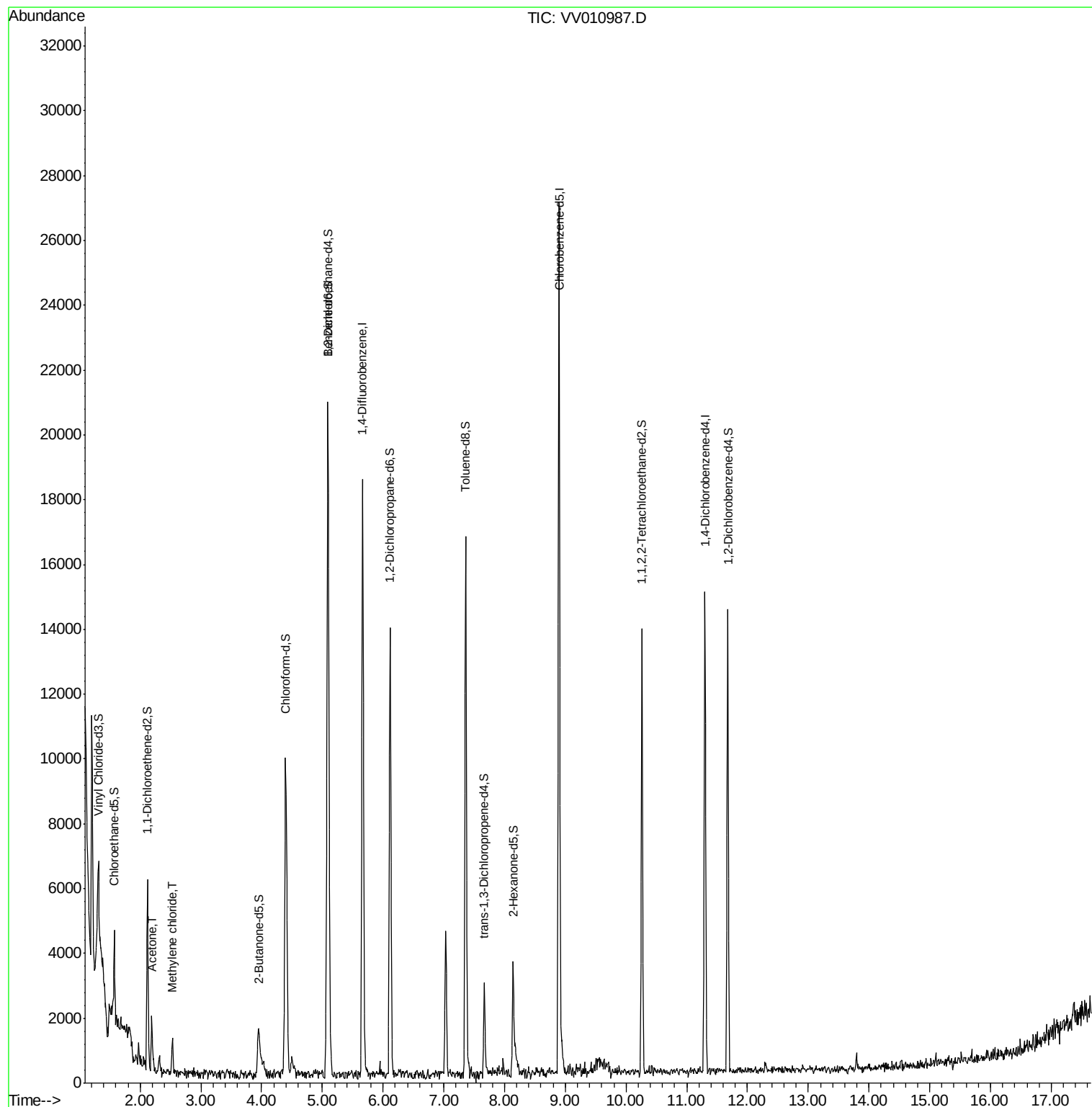
Target Compounds					Ovalue
13) Acetone	2.19	43	1792	29.888 ug/L	97
16) Methylene chloride	2.53	84	619	2.282 ug/L #	82

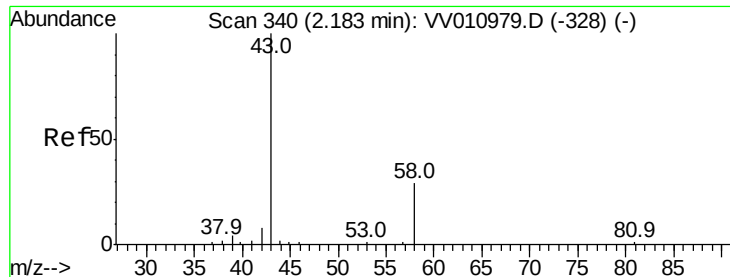
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 29.888 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.01 min

Lab File: VV010987.D

Acq: 21 May 2019 06:18

Instrument :

MSVOA_V

ClientSampled :

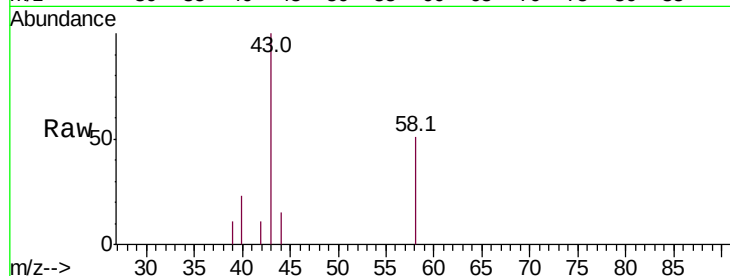
BFHA9

Tot Ion: 43 Resp: 1792

Ion Ratio Lower Upper

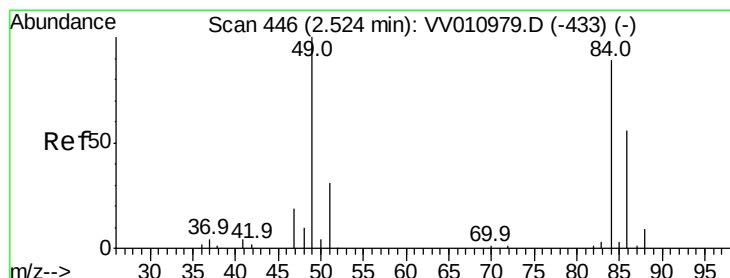
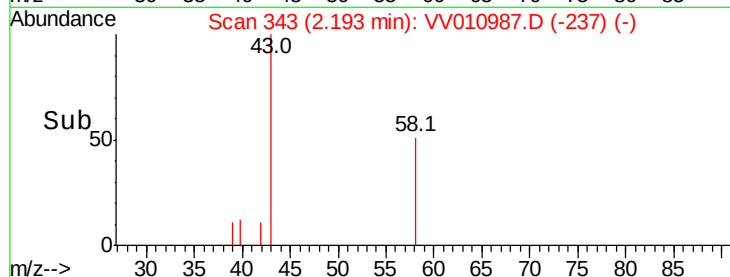
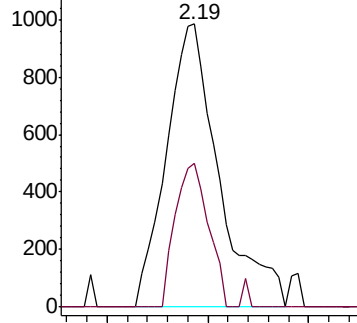
43 100

58 32.3 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#16

Methylene chloride

Concen: 2.282 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.01 min

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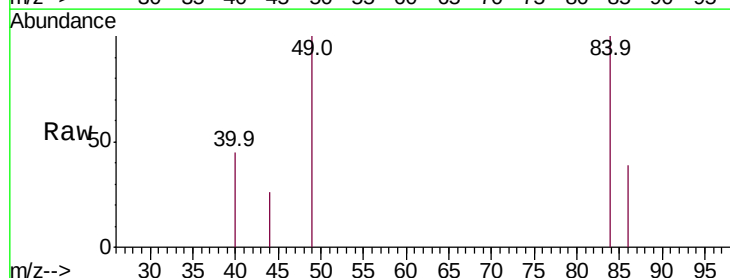
Tgt Ion: 84 Resp: 619

Ion Ratio Lower Upper

84 100

49 99.6 77.4 143.8

86 39.2 44.0 81.6#



Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 49.00 (48.70 to 49.70): VV0

Ion 86.00 (85.70 to 86.70): VV0

