

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040419\
 Data File : VV010113.D
 Acq On : 04 Apr 2019 16:58
 Operator : SY/MD
 Sample : K2215-15
 Misc : 5.44G/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF2P4

Quant Time: Apr 05 01:30:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 05 01:26:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	222250	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	213169	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	100305	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	49617	16.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.72%
7) Chloroethane-d5	1.57	69	58379	15.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.20%
10) 1,1-Dichloroethene-d2	2.13	63	106539	14.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.76%
20) 2-Butanone-d5	3.94	46	47956	56.64	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.28%
24) Chloroform-d	4.40	84	108326	19.35	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	77.40%
26) 1,2-Dichloroethane-d4	5.08	65	70671	22.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.24%
29) Benzene-d6	5.10	84	221240	20.01	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.04%
33) 1,2-Dichloropropane-d6	6.12	67	68264	20.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.68%
37) Toluene-d8	7.36	98	205066	19.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.00%
38) trans-1,3-Dichloropropene-	7.66	79	26036	18.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.68%
39) 2-Hexanone-d5	8.14	63	36151	55.25	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.50%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	77356	24.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.16%
61) 1,2-Dichlorobenzene-d4	11.67	152	83252	21.31	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.24%

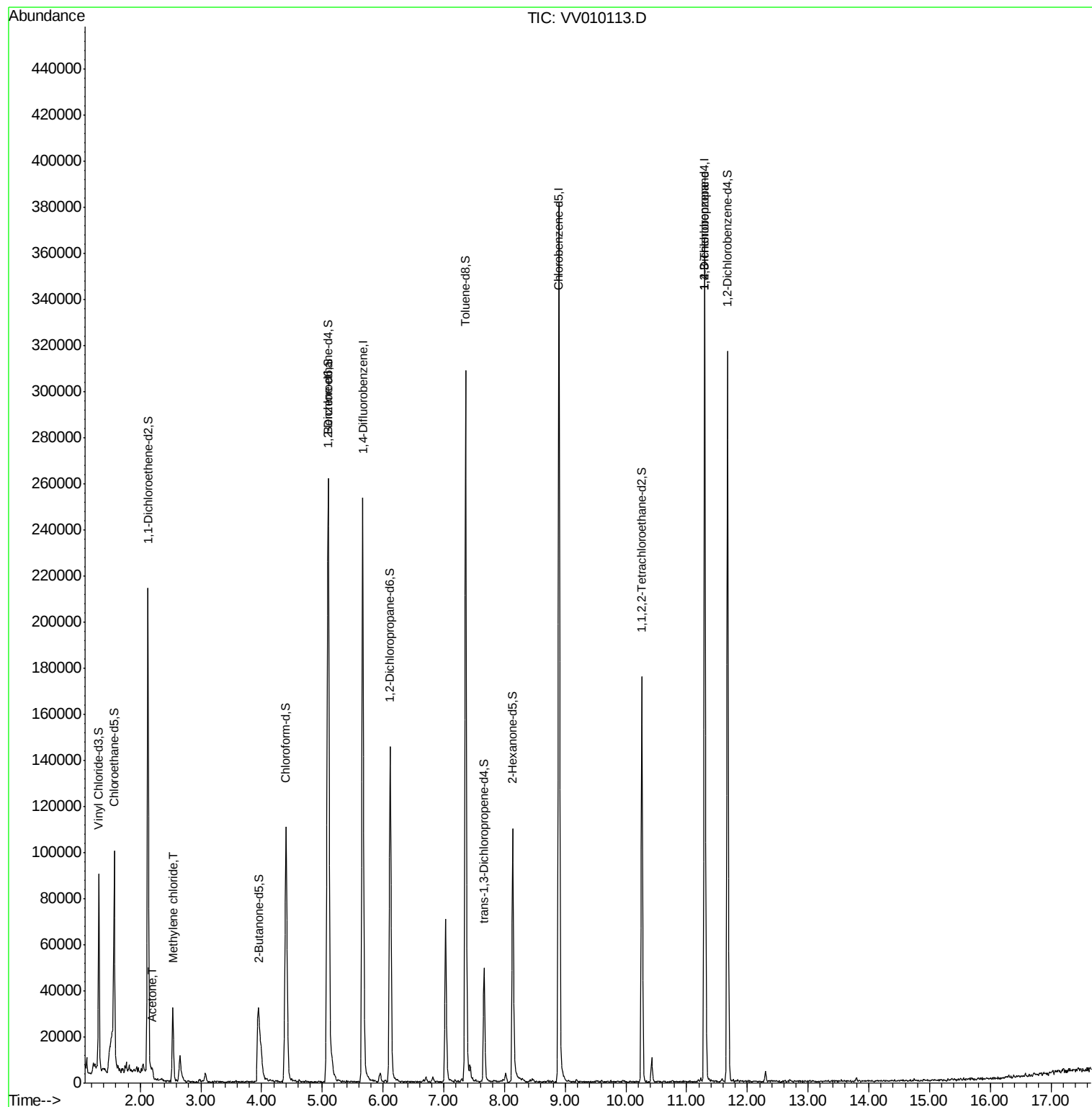
Target Compounds					Qvalue
13) Acetone	2.20	43	4485	5.358 ug/L	88
16) Methylene chloride	2.54	84	13465	3.448 ug/L	98
59) 1,2,3-Trichloropropane	11.30	75	12851	5.975 ug/L	94

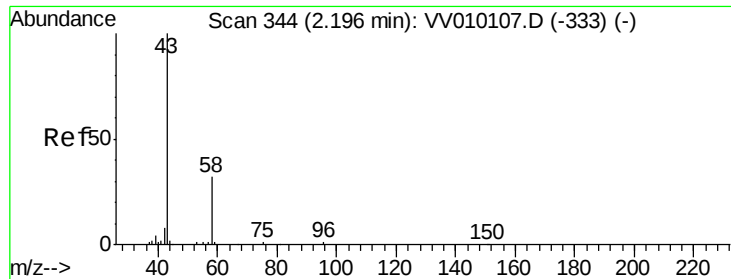
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.358 ug/L

RT: 2.20 min Scan# 346

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

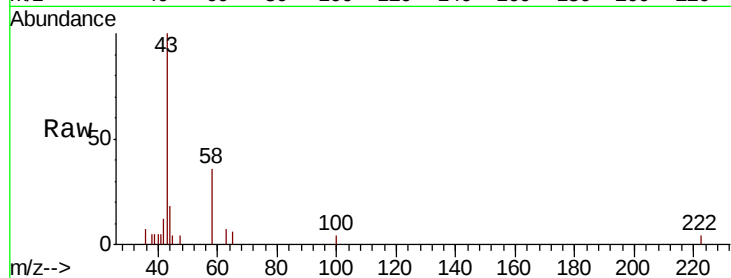
BF2P4

Tgt Ion: 43 Resp: 4485

Ion Ratio Lower Upper

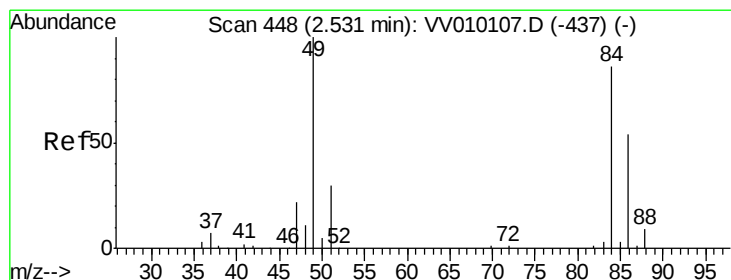
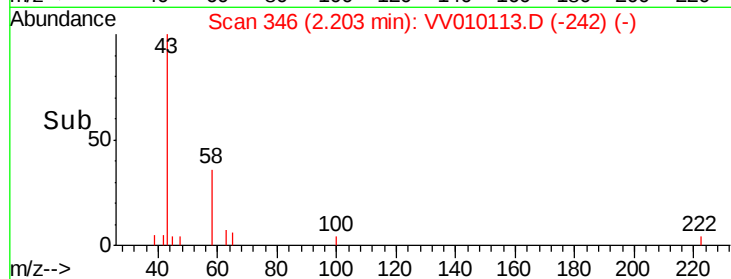
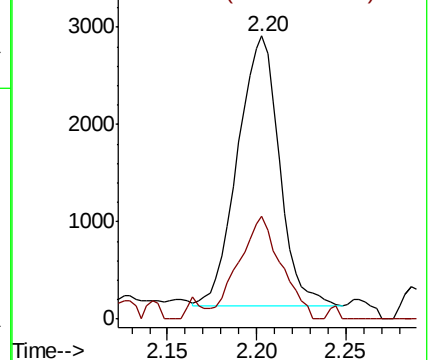
43 100

58 39.1 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VV010107.D (-333) (-)

Ion 58.00 (57.70 to 58.70): VV010107.D (-333) (-)



#16

Methylene chloride

Concen: 3.448 ug/L

RT: 2.54 min Scan# 450

Delta R.T. -0.00 min

Lab File: VV010113.D

Acq: 04 Apr 2019 16:58

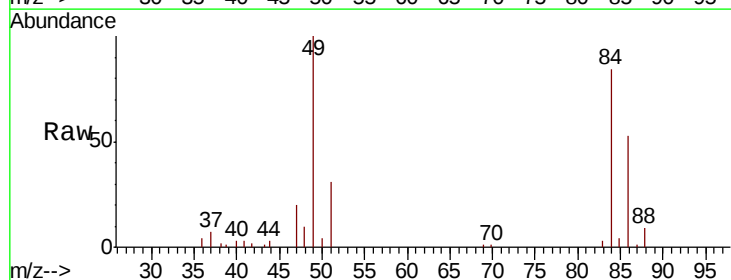
Tgt Ion: 84 Resp: 13465

Ion Ratio Lower Upper

84 100

49 118.7 84.3 156.5

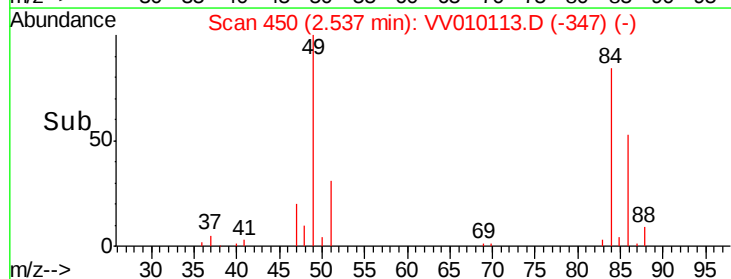
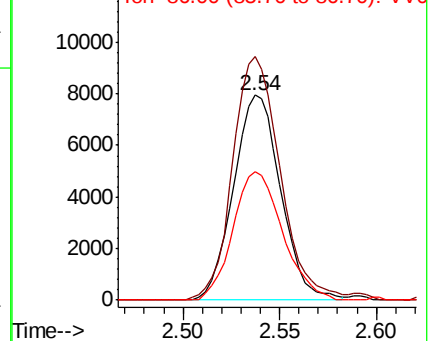
86 62.7 45.4 84.2

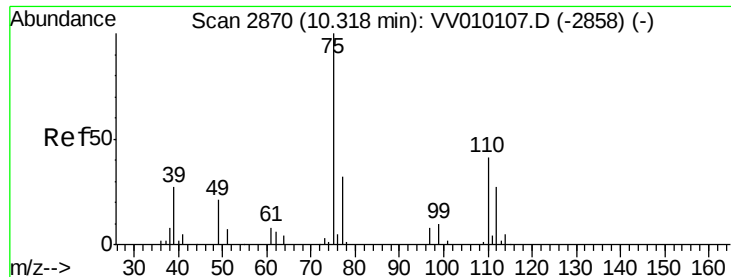


Abundance Ion 84.00 (83.70 to 84.70): VV010107.D (-437) (-)

Ion 49.00 (48.70 to 49.70): VV010107.D (-437) (-)

Ion 86.00 (85.70 to 86.70): VV010107.D (-437) (-)





#59

1,2,3-Trichloropropane

Concen: 5.975 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

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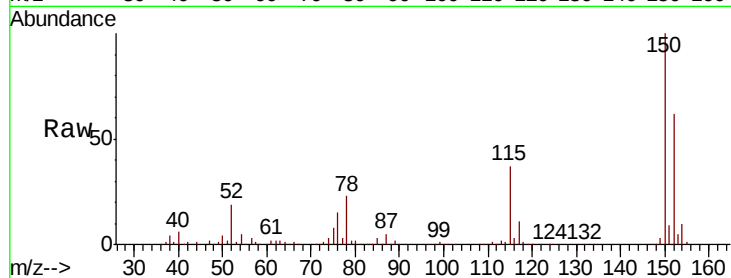
BF2P4

Tgt Ion: 75 Resp: 12851

Ion Ratio Lower Upper

75 100

77 35.4 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

