

Data File : VV010977.D
Acq On : 21 May 2019 00:14
Operator : SY/MD
Sample : K2846-20
Misc : 4.01G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFHA2

Quant Time: May 21 04:08:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
Quant Title : VOC Analysis
QLast Update : Tue May 21 04:03:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	111865	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	105434	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	40433	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	23049	18.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.28%
7) Chloroethane-d5	1.57	69	17840	20.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.64%
10) 1,1-Dichloroethene-d2	2.12	63	34696	14.15	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.60%
20) 2-Butanone-d5	3.94	46	17051	38.75	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.50%
24) Chloroform-d	4.40	84	64791	22.36	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.44%
26) 1,2-Dichloroethane-d4	5.08	65	37426	21.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.68%
29) Benzene-d6	5.10	84	133319	23.16	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.64%
33) 1,2-Dichloropropane-d6	6.12	67	44039	24.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.32%
37) Toluene-d8	7.36	98	106076	19.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.28%
38) trans-1,3-Dichloropropene-	7.66	79	11997	15.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	63.92%
39) 2-Hexanone-d5	8.13	63	13064	38.30	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.60%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	37624	20.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.44%
61) 1,2-Dichlorobenzene-d4	11.67	152	34942	21.28	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.12%

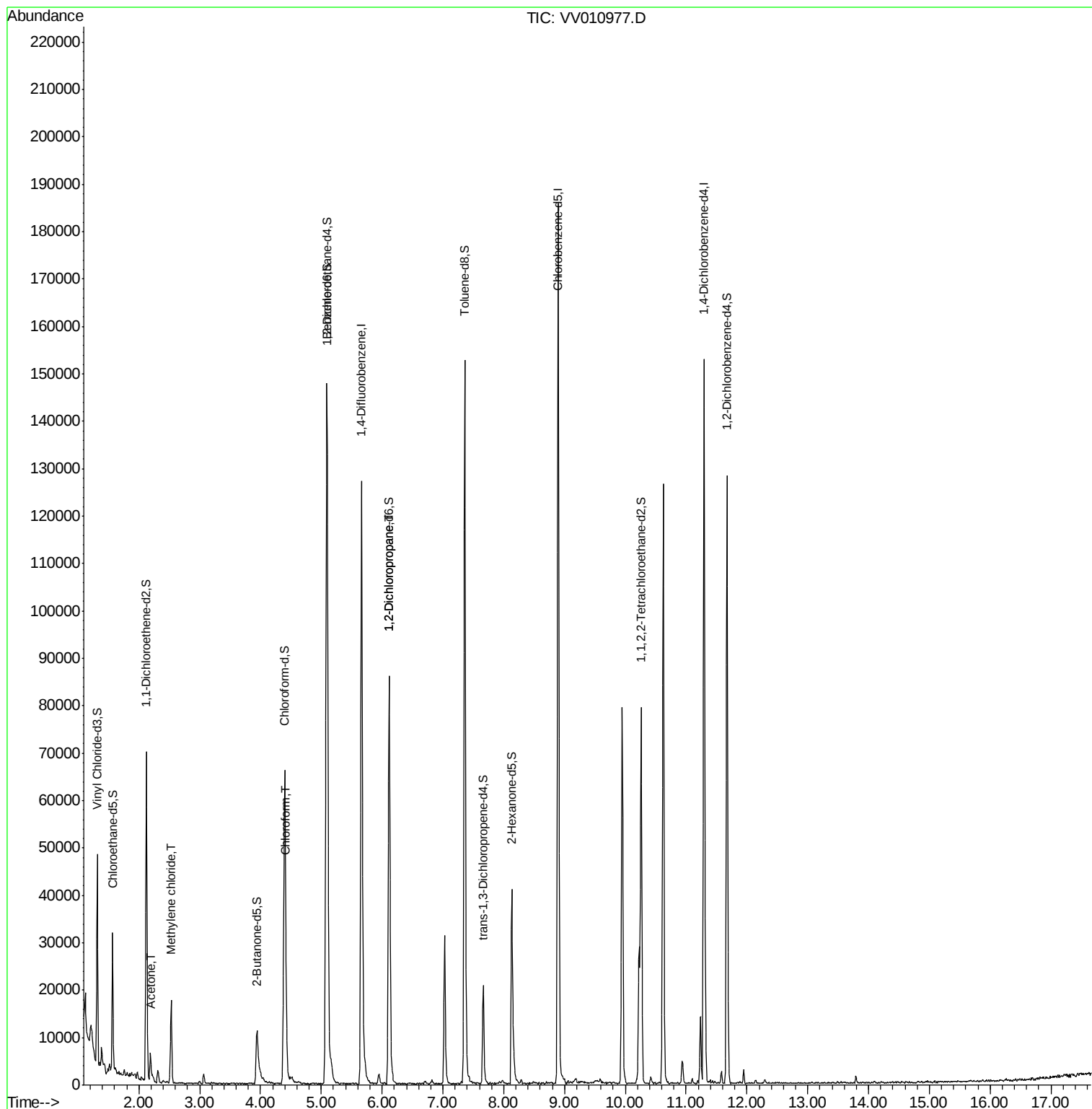
Target Compounds					Qvalue
13) Acetone	2.19	43	4669	11.002 ug/L	90
16) Methylene chloride	2.53	84	6890	3.589 ug/L	98
25) Chloroform	4.42	83	3315	0.988 ug/L	98
40) 1,2-Dichloropropane	6.12	63	4664	2.920 ug/L #	86

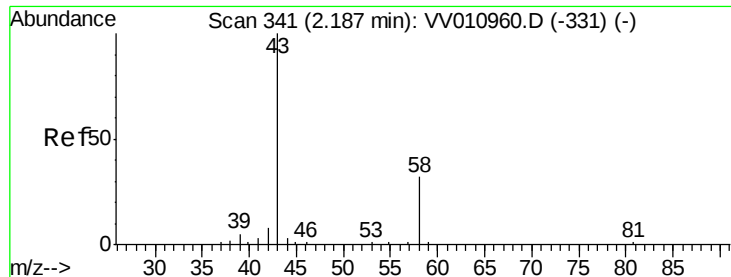
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 11.002 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

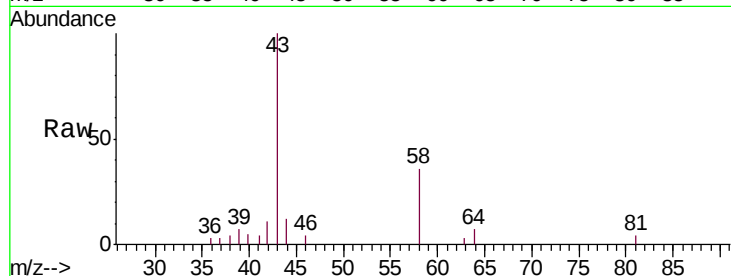
BFHA2

Tgt Ion: 43 Resp: 4669

Ion Ratio Lower Upper

43 100

58 35.6 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VV010960.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV010960.D (-331) (-)

2.19

3000

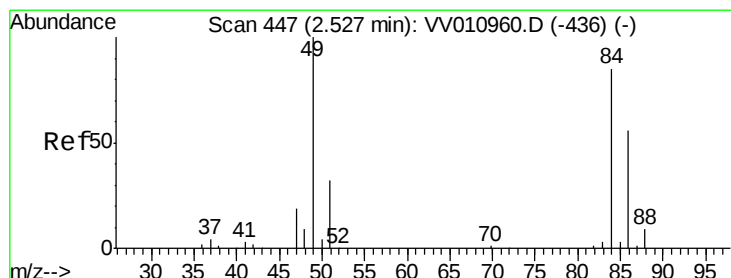
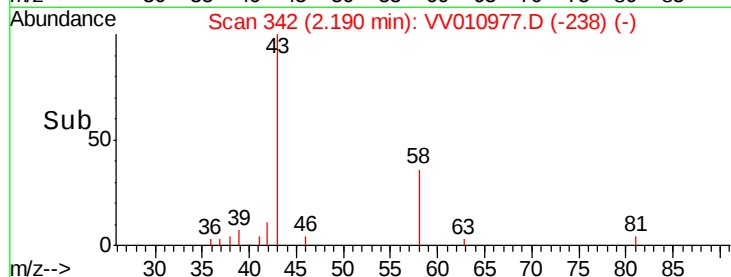
2000

1000

0

Time-->

2.15 2.20



#16

Methylene chloride

Concen: 3.589 ug/L

RT: 2.53 min Scan# 447

Delta R.T. 0.00 min

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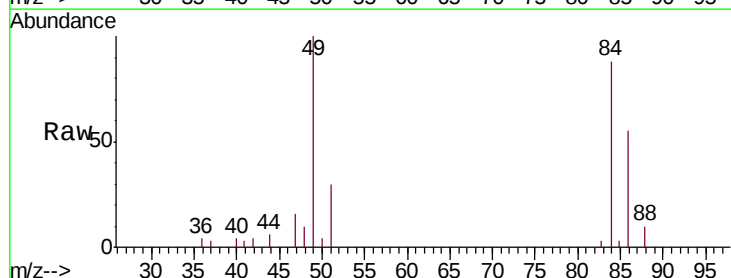
Tgt Ion: 84 Resp: 6890

Ion Ratio Lower Upper

84 100

49 113.4 77.4 143.8

86 62.8 44.0 81.6



Abundance Ion 84.00 (83.70 to 84.70): VV010960.D (-436) (-)

Ion 49.00 (48.70 to 49.70): VV010960.D (-436) (-)

Ion 86.00 (85.70 to 86.70): VV010960.D (-436) (-)

2.53

6000

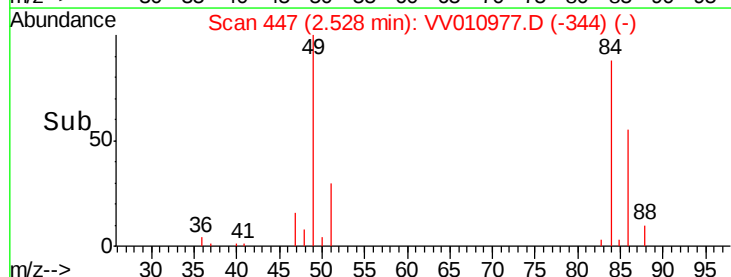
4000

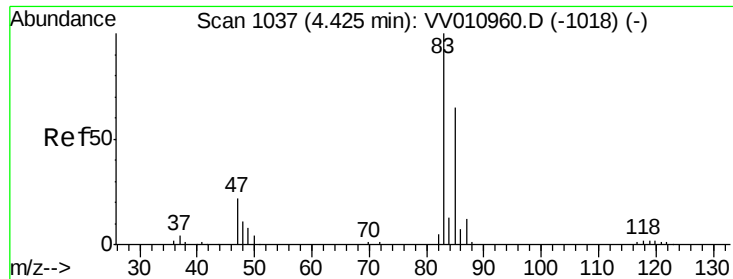
2000

0

Time-->

2.50 2.55

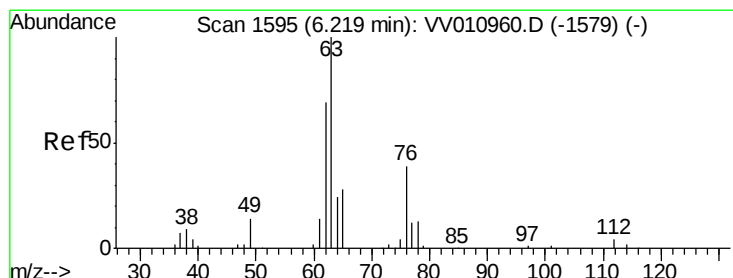
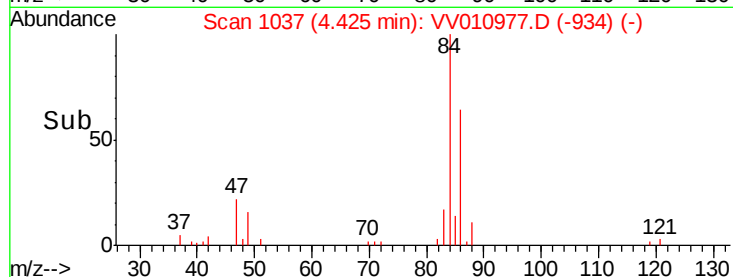
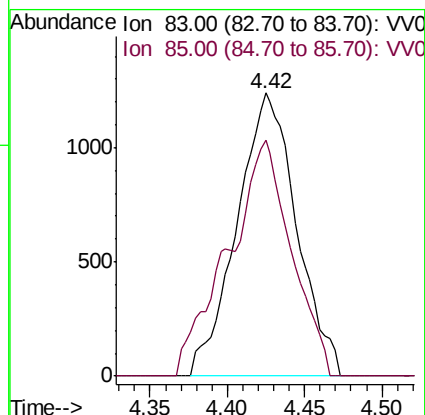
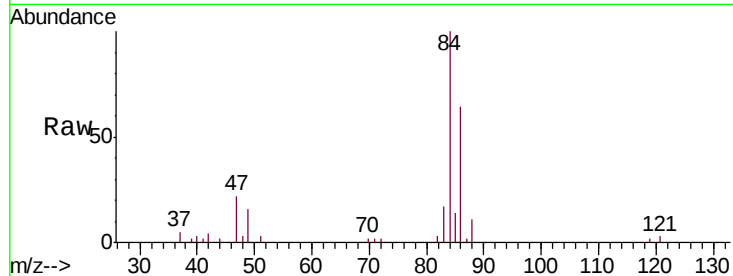




#25
Chloroform
Concen: 0.988 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
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Tgt Ion: 83 Resp: 3315
Ion Ratio Lower Upper
83 100
85 64.0 45.6 84.8



#40
1,2-Dichloropropane
Concen: 2.920 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV010977.D
Acq: 21 May 2019 00:14

Tgt Ion: 63 Resp: 4664
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#

