

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050719\
 Data File : VV010751.D
 Acq On : 09 May 2019 05:20
 Operator : SY/MD
 Sample : K2693-01
 Misc : 5.52G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFH41

Quant Time: May 09 08:16:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 09 04:43:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	68931	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	72495	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	27574	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	11391	10.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	42.56%
7) Chloroethane-d5	1.57	69	13267	15.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.24%
10) 1,1-Dichloroethene-d2	2.12	63	21766	9.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	37.48%#
20) 2-Butanone-d5	3.93	46	8171	25.43	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	50.86%
24) Chloroform-d	4.40	84	31847	16.95	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	67.80%
26) 1,2-Dichloroethane-d4	5.08	65	21510	18.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	73.32%
29) Benzene-d6	5.10	84	58692	15.38	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	61.52%
33) 1,2-Dichloropropane-d6	6.12	67	20845	17.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	68.56%#
37) Toluene-d8	7.36	98	52373	14.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	57.32%
38) trans-1,3-Dichloropropene-	7.66	79	6874	12.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	49.60%
39) 2-Hexanone-d5	8.13	63	6000	23.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	47.16%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	17593	15.40	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	61.60%
61) 1,2-Dichlorobenzene-d4	11.67	152	17668	16.54	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	66.16%#

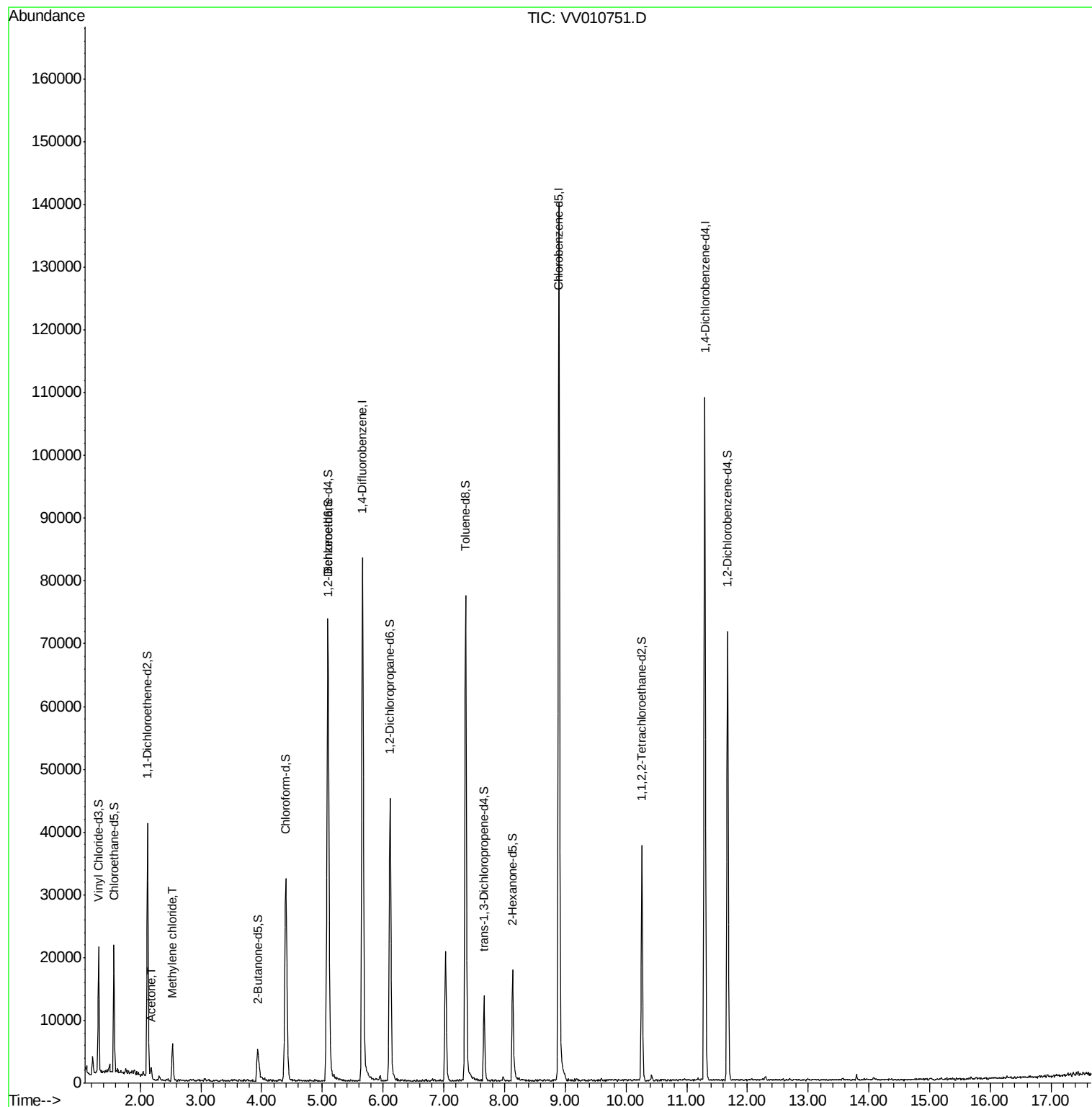
Target Compounds					Ovalue
13) Acetone	2.18	43	1349	2.712 ug/L	83
16) Methylene chloride	2.53	84	2425	2.275 ug/L	96

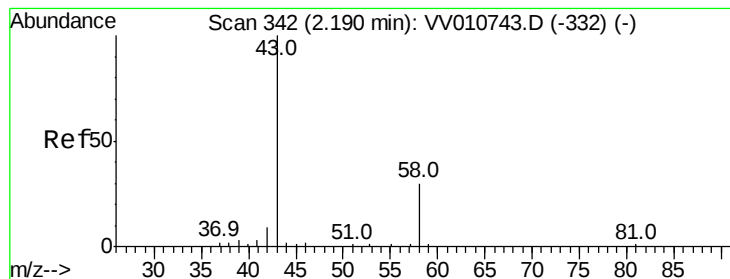
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.712 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.01 min

Lab File: VV010751.D

Acq: 09 May 2019 05:20

Instrument :

MSVOA_V

ClientSampleId :

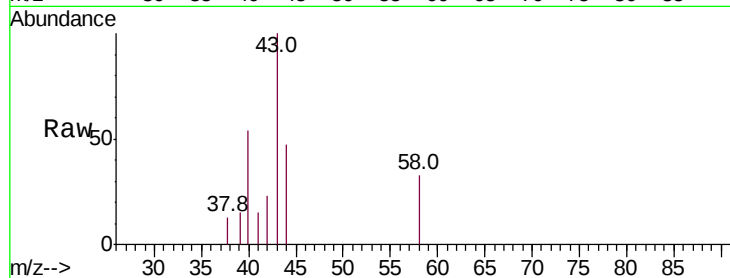
BFH41

Tot Ion: 43 Resp: 1349

Ion Ratio Lower Upper

43 100

58 22.3 0.0 63.4



Abundance Ion 43.00 (42.70 to 43.70): VV010751.D (-340) (-)

Ion 58.00 (57.70 to 58.70): VV010751.D (-340) (-)

2.18

800

600

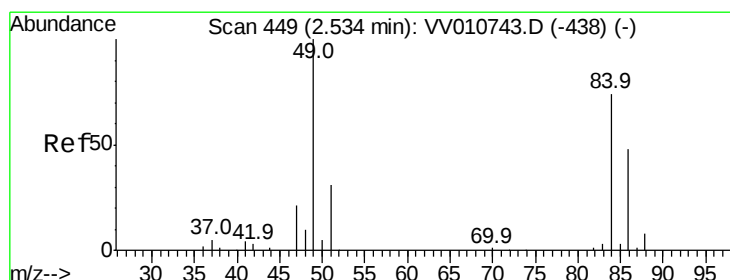
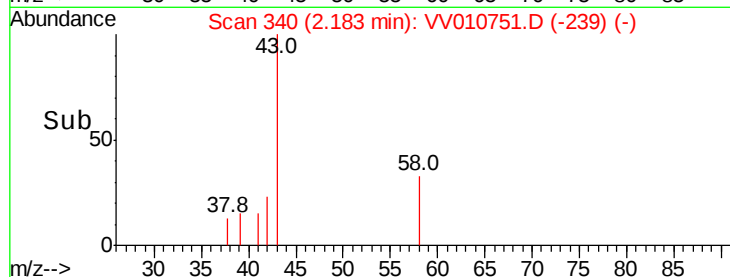
400

200

0

2.15 2.20

Time-->



#16

Methylene chloride

Concen: 2.275 ug/L

RT: 2.53 min Scan# 448

Delta R.T. -0.00 min

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Acq: 09 May 2019 05:20

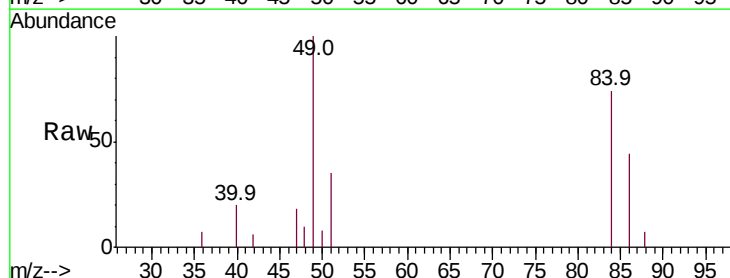
Tgt Ion: 84 Resp: 2425

Ion Ratio Lower Upper

84 100

49 134.5 92.9 172.5

86 59.2 46.5 86.5



Abundance Ion 84.00 (83.70 to 84.70): VV010751.D (-346) (-)

Ion 49.00 (48.70 to 49.70): VV010751.D (-346) (-)

Ion 86.00 (85.70 to 86.70): VV010751.D (-346) (-)

2500

2000

1500

1000

500

0

2.50 2.55

Time-->

