

Data File : VV010288.D
Acq On : 12 Apr 2019 15:30
Operator : SY/MD
Sample : K2255-23
Misc : 5.92G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFC50RE

Quant Time: Apr 13 04:51:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 13 04:47:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	88339	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	81843	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	27554	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	15870	15.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.44%
7) Chloroethane-d5	1.58	69	16532	18.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.68%
10) 1,1-Dichloroethene-d2	2.13	63	31301	12.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	48.36%
20) 2-Butanone-d5	3.94	46	8213	31.92	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	63.84%
24) Chloroform-d	4.40	84	38976	19.32	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	77.28%
26) 1,2-Dichloroethane-d4	5.08	65	20575	17.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	71.64%
29) Benzene-d6	5.10	84	72753	18.44	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	73.76%
33) 1,2-Dichloropropane-d6	6.12	67	22506	19.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	76.68%
37) Toluene-d8	7.36	98	65475	17.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	68.04%
38) trans-1,3-Dichloropropene-	7.66	79	7098	14.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	58.00%
39) 2-Hexanone-d5	8.14	63	4774	23.55	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	47.10%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	17058	16.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	64.76%
61) 1,2-Dichlorobenzene-d4	11.68	152	19292	18.96	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	75.84%

Target Compounds

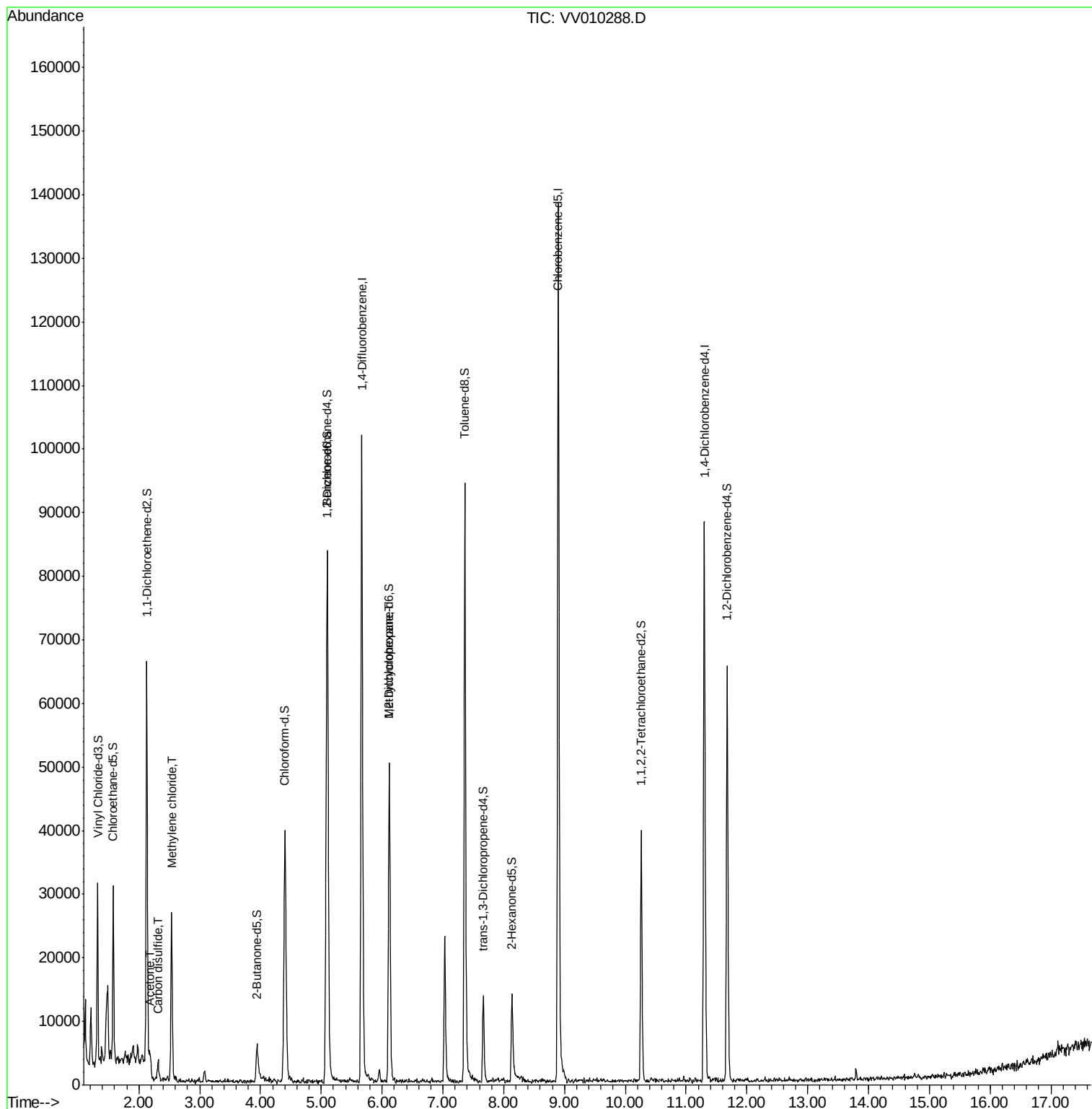
					Qvalue
13) Acetone	2.18	43	2396	8.714 ug/L	80
14) Carbon disulfide	2.32	76	2035	0.723 ug/L #	53
16) Methylene chloride	2.53	84	11108	6.421 ug/L	96
36) Methylcyclohexane	6.12	83	5955	3.325 ug/L #	21

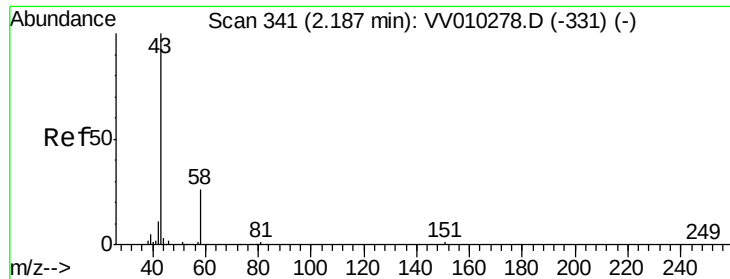
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Apr 13 04:47:32 2019
Response via : Initial Calibration





#13

Acetone

Concen: 8.714 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.00 min

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Acq: 12 Apr 2019 15:30

Instrument :

MSVOA_V

ClientSampleId :

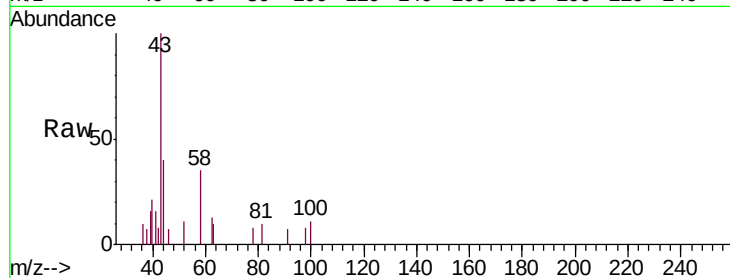
BFC50RE

Tgt Ion: 43 Resp: 2396

Ion Ratio Lower Upper

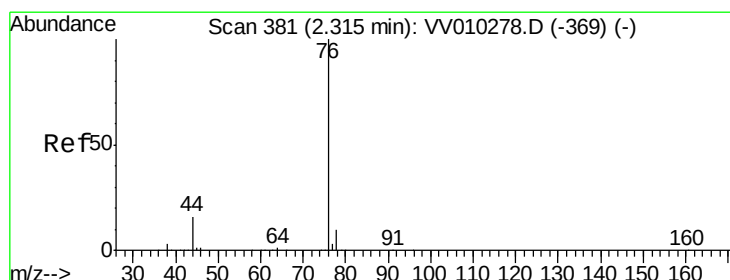
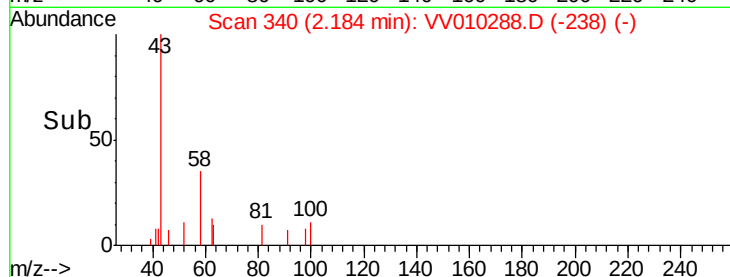
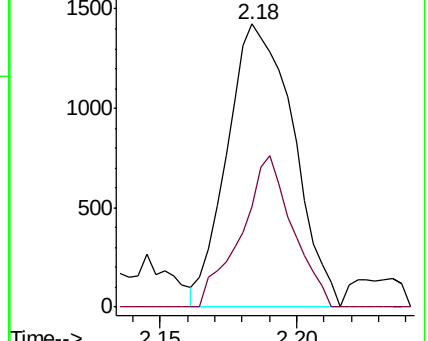
43 100

58 41.7 0.0 61.6



Abundance Ion 43.00 (42.70 to 43.70): VV010278.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV010278.D (-331) (-)



#14

Carbon disulfide

Concen: 0.723 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

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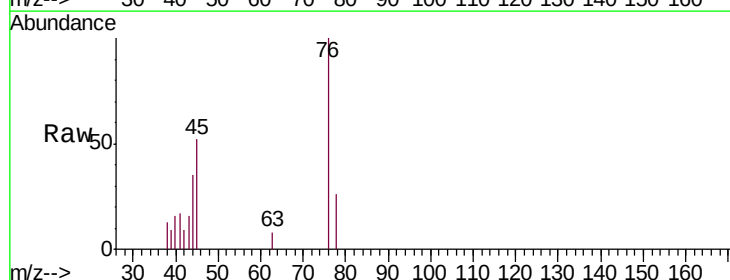
Acq: 12 Apr 2019 15:30

Tgt Ion: 76 Resp: 2035

Ion Ratio Lower Upper

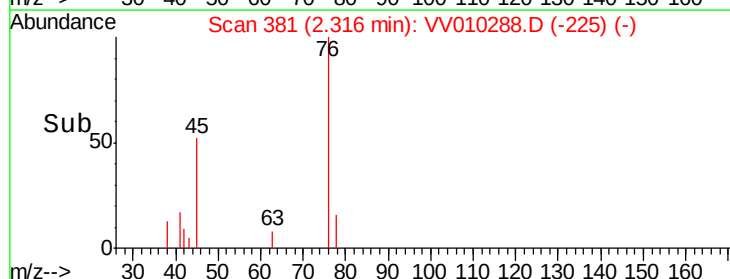
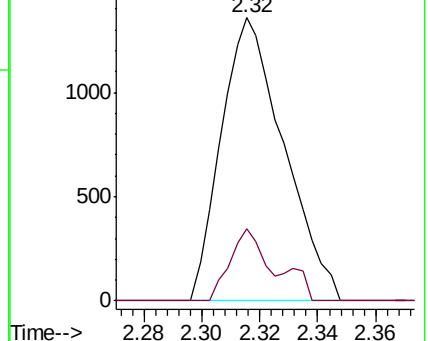
76 100

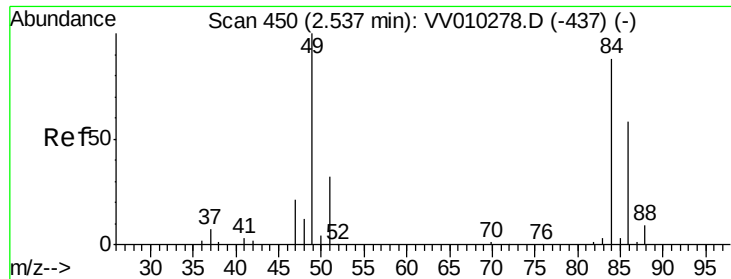
78 25.6 7.0 10.4#



Abundance Ion 76.00 (75.70 to 76.70): VV010278.D (-369) (-)

Ion 78.00 (77.70 to 78.70): VV010278.D (-369) (-)

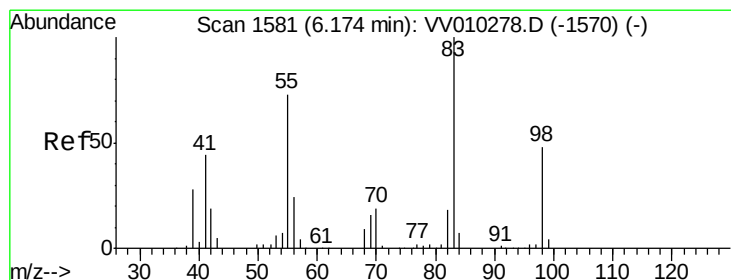
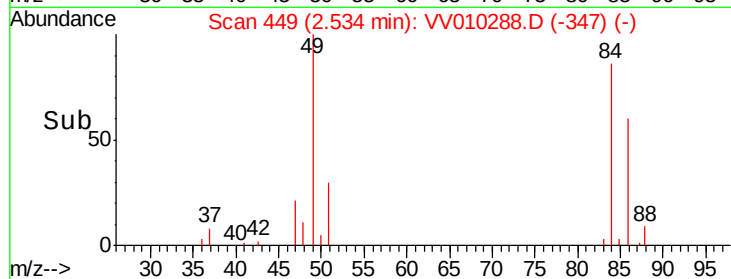
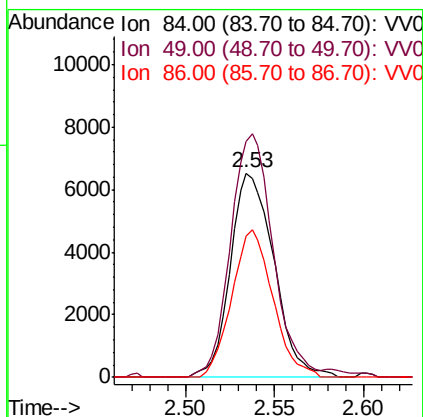
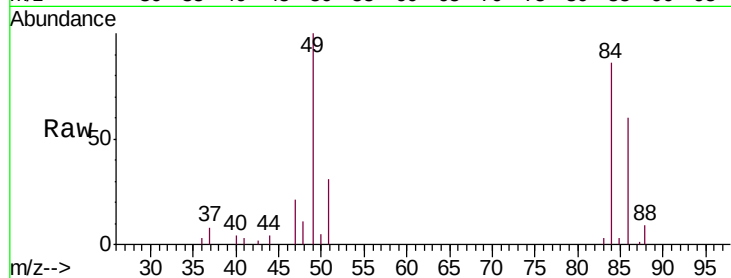




#16
Methylene chloride
Concen: 6.421 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.00 min
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Instrument :
MSVOA_V
ClientSampled :
BFC50RE

Tgt Ion: 84 Resp: 11108
Ion Ratio Lower Upper
84 100
49 115.8 79.9 148.5
86 69.2 44.5 82.7



#36
Methylcyclohexane
Concen: 3.325 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV010288.D
Acq: 12 Apr 2019 15:30

Tgt Ion: 83 Resp: 5955
Ion Ratio Lower Upper
83 100
55 0.0 55.7 83.5#
98 0.8 39.4 59.2#

