

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV022719\
 Data File : VV009395.D
 Acq On : 27 Feb 2019 13:51
 Operator : SY/MD
 Sample : K1626-01RE
 Misc : 5.87G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF663RE

Quant Time: Feb 28 05:02:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022619S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 28 04:32:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	157685	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	119407	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	34533	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	39805	20.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.24%
7) Chloroethane-d5	1.58	69	64805	25.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.48%
10) 1,1-Dichloroethene-d2	2.13	63	82838	15.79	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.16%
20) 2-Butanone-d5	3.95	46	27711	46.36	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.72%
24) Chloroform-d	4.40	84	90798	23.74	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.96%
26) 1,2-Dichloroethane-d4	5.08	65	51600	24.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.56%
29) Benzene-d6	5.10	84	184627	29.09	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	116.36%
33) 1,2-Dichloropropane-d6	6.12	67	55341	29.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	119.00%
37) Toluene-d8	7.36	98	162063	26.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.48%
38) trans-1,3-Dichloropropene-	7.66	79	22547	24.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.00%
39) 2-Hexanone-d5	8.14	63	20520	52.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.24%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	41310	22.74	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.96%
61) 1,2-Dichlorobenzene-d4	11.68	152	29934	23.40	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.60%

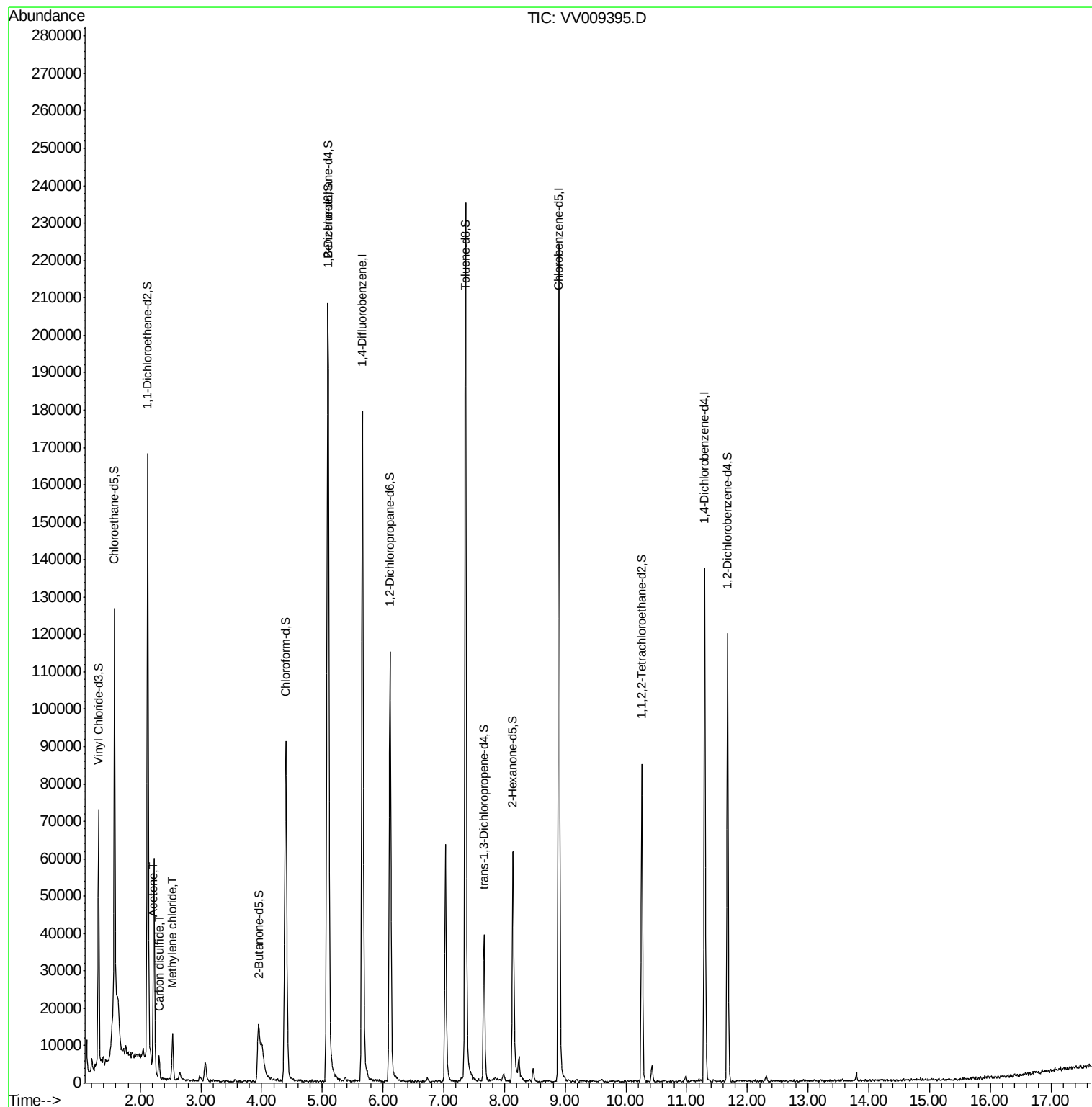
Target Compounds					Ovalue
13) Acetone	2.21	43	4848	7.095 ug/L	49
14) Carbon disulfide	2.31	76	6684	1.136 ug/L	95
16) Methylene chloride	2.53	84	5337	2.499 ug/L	96

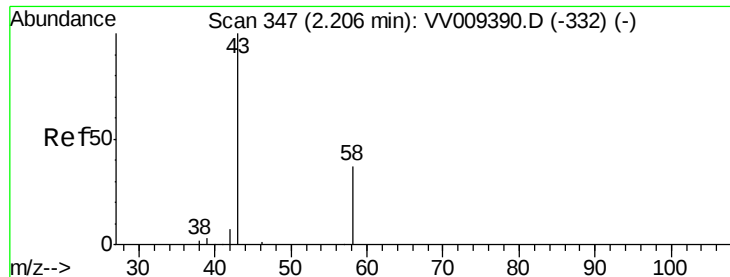
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.095 ug/L

RT: 2.21 min Scan# 347

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

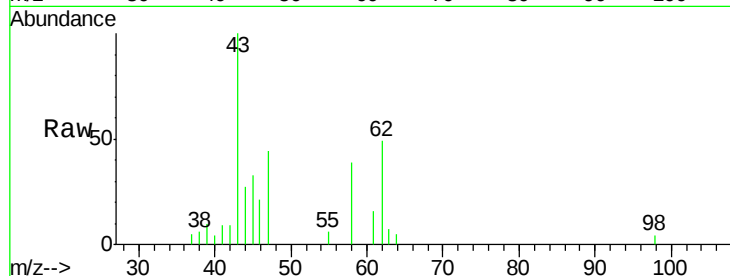
BF663RE

Tot Ion: 43 Resp: 4848

Ion Ratio Lower Upper

43 100

58 63.9 0.0 68.8



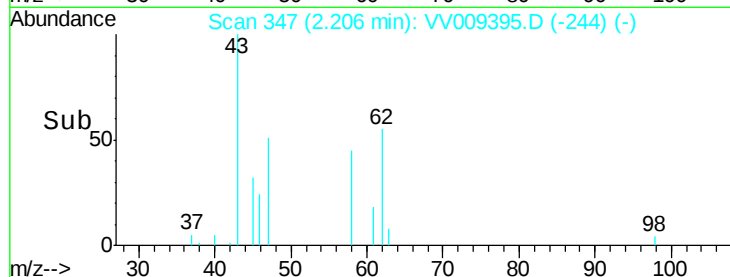
Abundance Ion 43.00 (42.70 to 43.70): VV009395.D (-244) (-)

Ion 58.00 (57.70 to 58.70): VV009395.D (-244) (-)

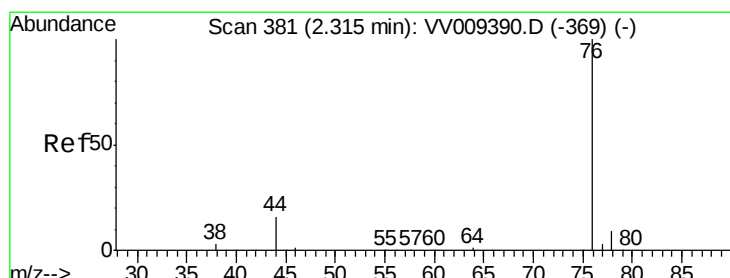
2.21

2.25

Time-->



Time-->



#14

Carbon disulfide

Concen: 1.136 ug/L

RT: 2.31 min Scan# 380

Delta R.T. -0.00 min

Lab File: VV009395.D

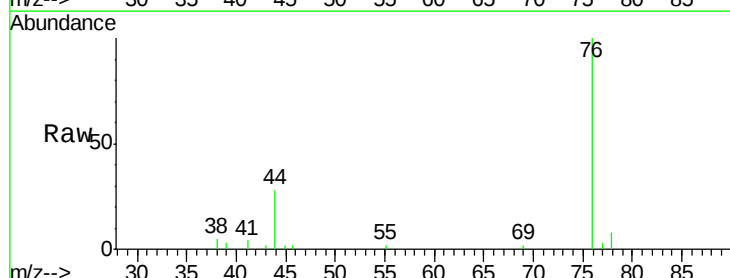
Acq: 27 Feb 2019 13:51

Tgt Ion: 76 Resp: 6684

Ion Ratio Lower Upper

76 100

78 7.7 7.5 11.3



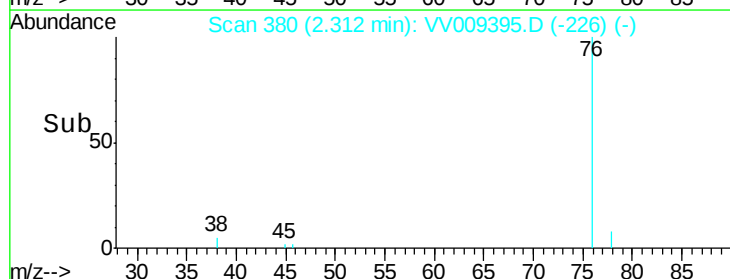
Abundance Ion 76.00 (75.70 to 76.70): VV009395.D (-226) (-)

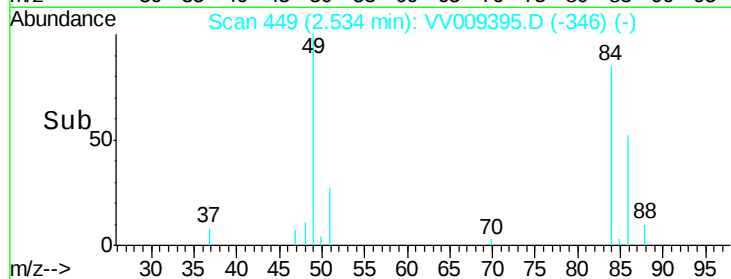
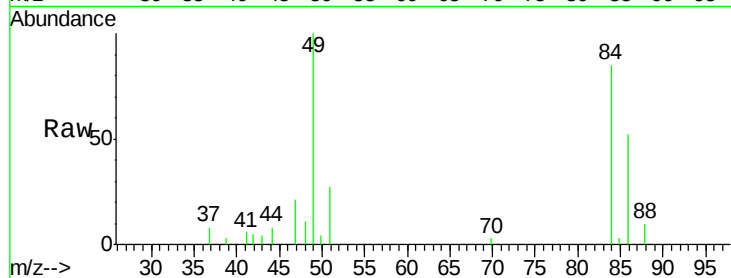
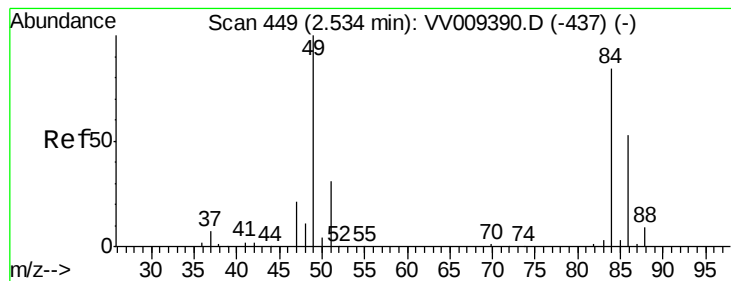
Ion 78.00 (77.70 to 78.70): VV009395.D (-226) (-)

2.31

2.35

Time-->





#16

Methylene chloride

Concen: 2.499 ug/L

RT: 2.53 min Scan# 449

Delta R.T. -0.00 min

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Tot Ion: 84 Resp: 5337

Ion Ratio Lower Upper

84 100

49 118.2 84.6 157.0

86 61.0 46.1 85.7

