

Data File : VV010900.D
Acq On : 15 May 2019 14:52
Operator : SY/MD
Sample : K2737-15
Misc : 5.35G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DB863RE

Quant Time: May 16 07:29:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis
QLast Update : Thu May 16 07:25:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	3541	25.00	ug/L	0.01
28) Chlorobenzene-d5	8.91	117	2143	25.00	ug/L	0.01
60) 1,4-Dichlorobenzene-d4	11.30	152	465	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	1376	30.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	122.00%
7) Chloroethane-d5	1.59	69	1160	39.45	ug/L	0.04
Spiked Amount	25.000	Range	30 - 150	Recovery	=	157.80%#
10) 1,1-Dichloroethene-d2	2.14	63	1851	21.68	ug/L	0.03
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.72%
20) 2-Butanone-d5	0.00	46	0	0.00	ug/L	
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.00%#
24) Chloroform-d	4.41	84	1315	12.86	ug/L	0.02
Spiked Amount	25.000	Range	40 - 150	Recovery	=	51.44%
26) 1,2-Dichloroethane-d4	5.10	65	1271	21.87	ug/L	0.03
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.48%
29) Benzene-d6	5.10	84	4494	37.89	ug/L	0.02
Spiked Amount	25.000	Range	20 - 135	Recovery	=	151.56%#
33) 1,2-Dichloropropane-d6	6.12	67	1573	41.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	166.24%#
37) Toluene-d8	7.37	98	3116	27.34	ug/L	0.02
Spiked Amount	25.000	Range	30 - 130	Recovery	=	109.36%
38) trans-1,3-Dichloropropene-	7.68	79	143	8.66	ug/L	0.02
Spiked Amount	25.000	Range	30 - 135	Recovery	=	34.64%
39) 2-Hexanone-d5	8.15	63	46	6.41	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	12.82%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	918	26.15	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.60%
61) 1,2-Dichlorobenzene-d4	11.68	152	535	27.54	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.16%

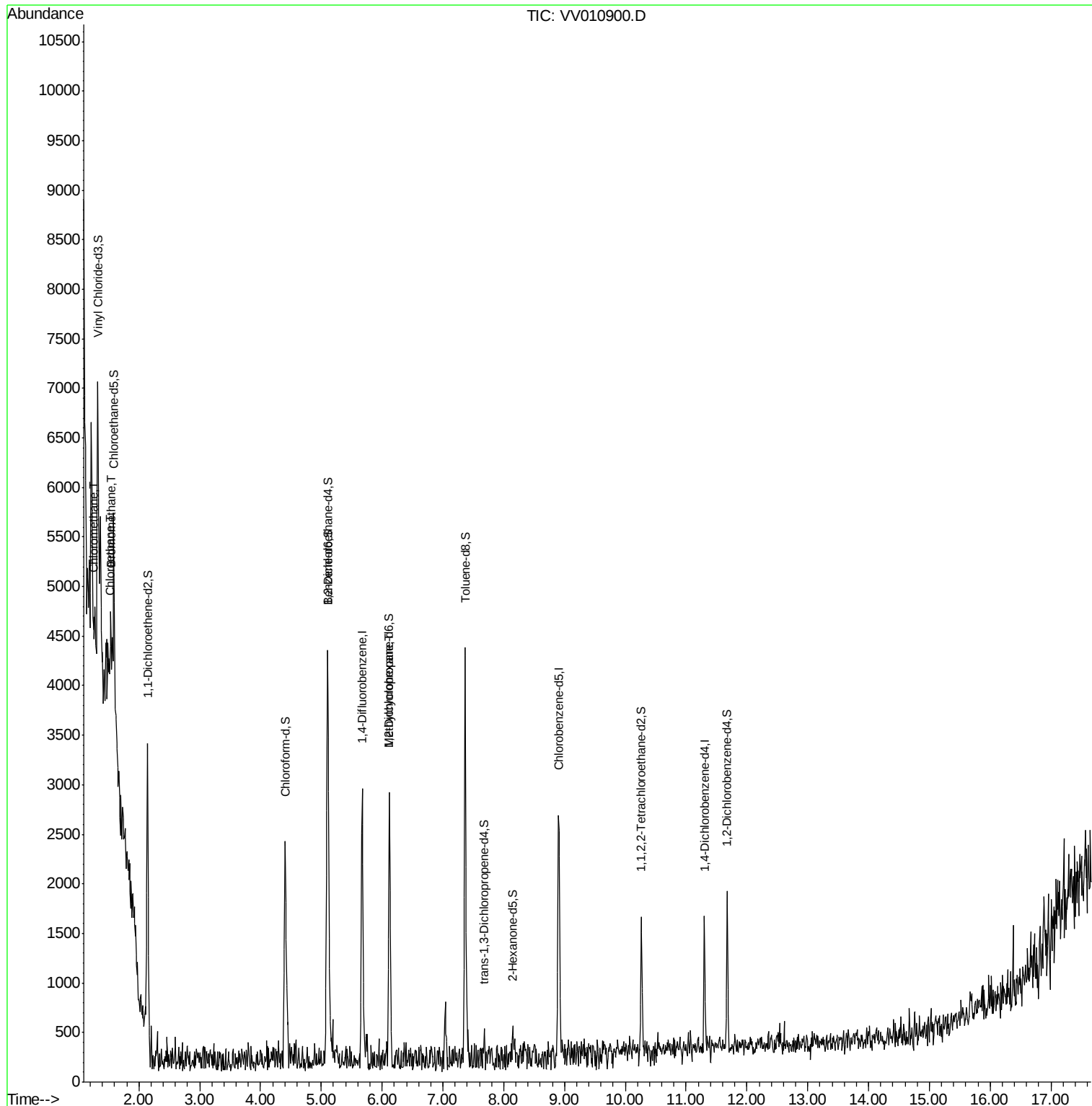
Target Compounds					Qvalue
3) Chloromethane	1.26	50	160	3.401 ug/L #	43
6) Bromomethane	1.54	94	274	23.305 ug/L	64
8) Chloroethane	1.52	64	142	5.420 ug/L #	42
36) Methylcyclohexane	6.12	83	116	2.575 ug/L #	18

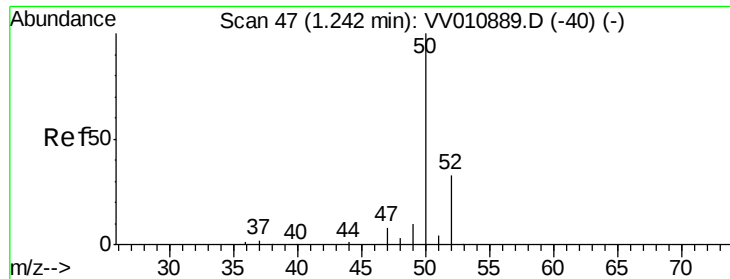
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 3.401 ug/L

RT: 1.26 min Scan# 52

Delta R.T. 0.02 min

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Instrument :

MSVOA_V

ClientSampleId :

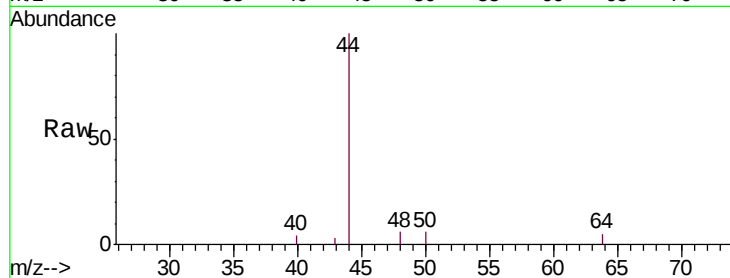
DB863RE

Tgt Ion: 50 Resp: 160

Ion Ratio Lower Upper

50 100

52 0.0 22.5 41.7#



Abundance Ion 50.00 (49.70 to 50.70): VV010889.D (-40) (-)

Ion 52.00 (51.70 to 52.70): VV010889.D (-40) (-)

1.26

200

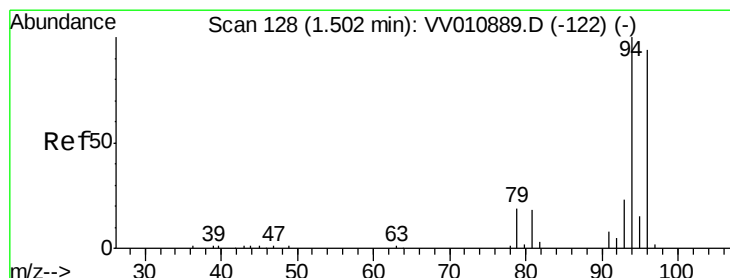
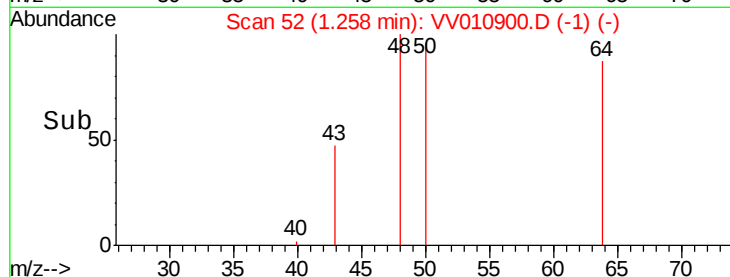
150

100

50

0

Time-->



#6

Bromomethane

Concen: 23.305 ug/L

RT: 1.54 min Scan# 140

Delta R.T. 0.04 min

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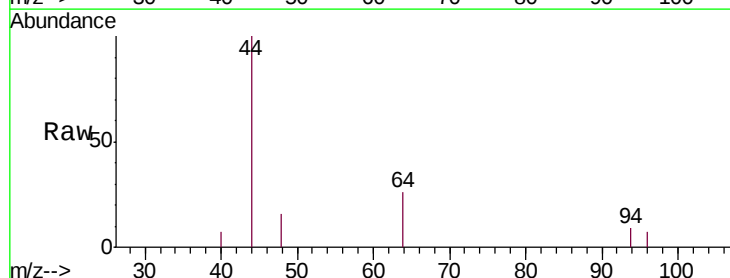
Acq: 15 May 2019 14:52

Tgt Ion: 94 Resp: 274

Ion Ratio Lower Upper

94 100

96 60.2 9.6 181.6



Abundance Ion 94.00 (93.70 to 94.70): VV010889.D (-122) (-)

Ion 96.00 (95.70 to 96.70): VV010889.D (-122) (-)

1.54

300

250

200

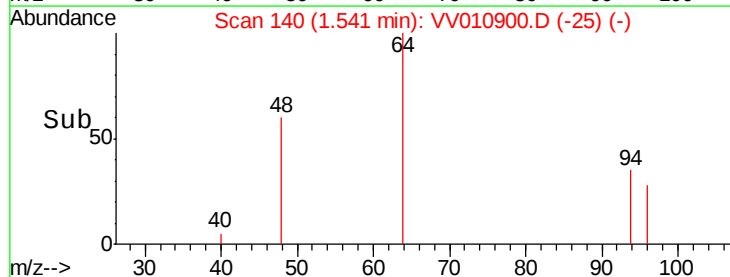
150

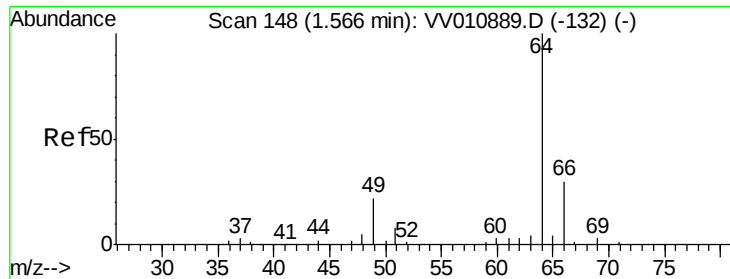
100

50

0

Time-->

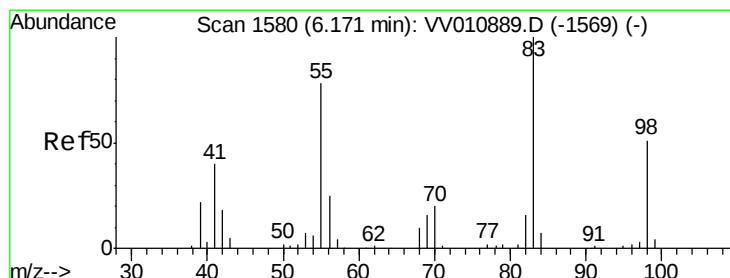
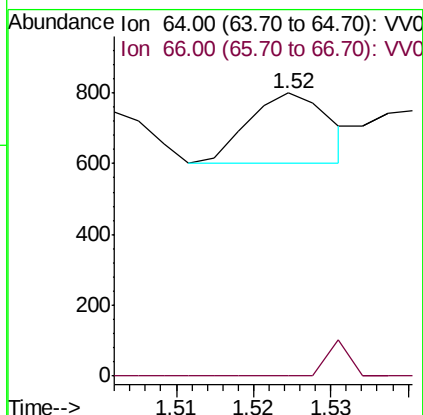
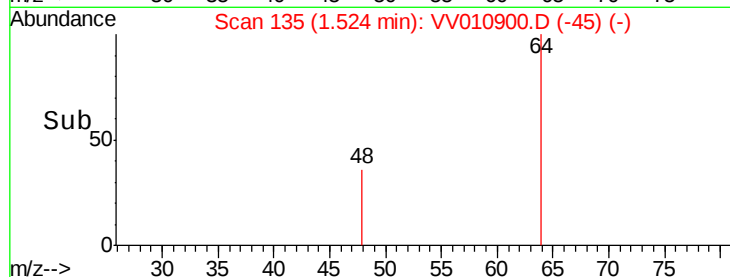
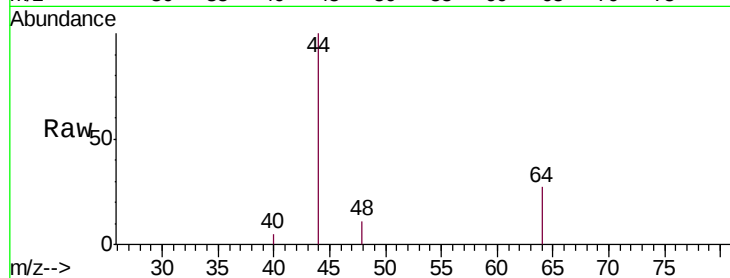




#8
Chloroethane
Concen: 5.420 ug/L
RT: 1.52 min Scan# 135
Delta R.T. -0.04 min
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Tgt Ion: 64 Resp: 142
Ion Ratio Lower Upper
64 100
66 0.0 22.5 41.9#



#36
Methylcyclohexane
Concen: 2.575 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV010900.D
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Tgt Ion: 83 Resp: 116
Ion Ratio Lower Upper
83 100
55 0.0 61.0 91.4#
98 0.0 37.2 55.8#

