

Data File : VV010740.D
Acq On : 08 May 2019 22:08
Operator : SY/MD
Sample : K2690-18
Misc : 5.98G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A5164

Quant Time: May 09 03:00:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis
QLast Update : Thu May 09 02:55:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	10931	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	10018	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	2796	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	3274	19.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.12%
7) Chloroethane-d5	1.58	69	3438	24.60	ug/L	0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.40%
10) 1,1-Dichloroethene-d2	2.13	63	4555	12.37	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	49.48%
20) 2-Butanone-d5	3.95	46	3203	62.86	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.72%
24) Chloroform-d	4.40	84	8109	27.21	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.84%
26) 1,2-Dichloroethane-d4	5.08	65	5577	29.96	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	119.84%
29) Benzene-d6	5.11	84	13744	26.07	ug/L	0.01
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.28%
33) 1,2-Dichloropropane-d6	6.12	67	5458	32.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	129.92%#
37) Toluene-d8	7.36	98	11245	22.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.08%
38) trans-1,3-Dichloropropene-	7.67	79	1392	18.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.68%
39) 2-Hexanone-d5	8.14	63	1216	34.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.16%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	5196	32.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	131.64%#
61) 1,2-Dichlorobenzene-d4	11.68	152	3275	30.24	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	120.96%#

Target Compounds

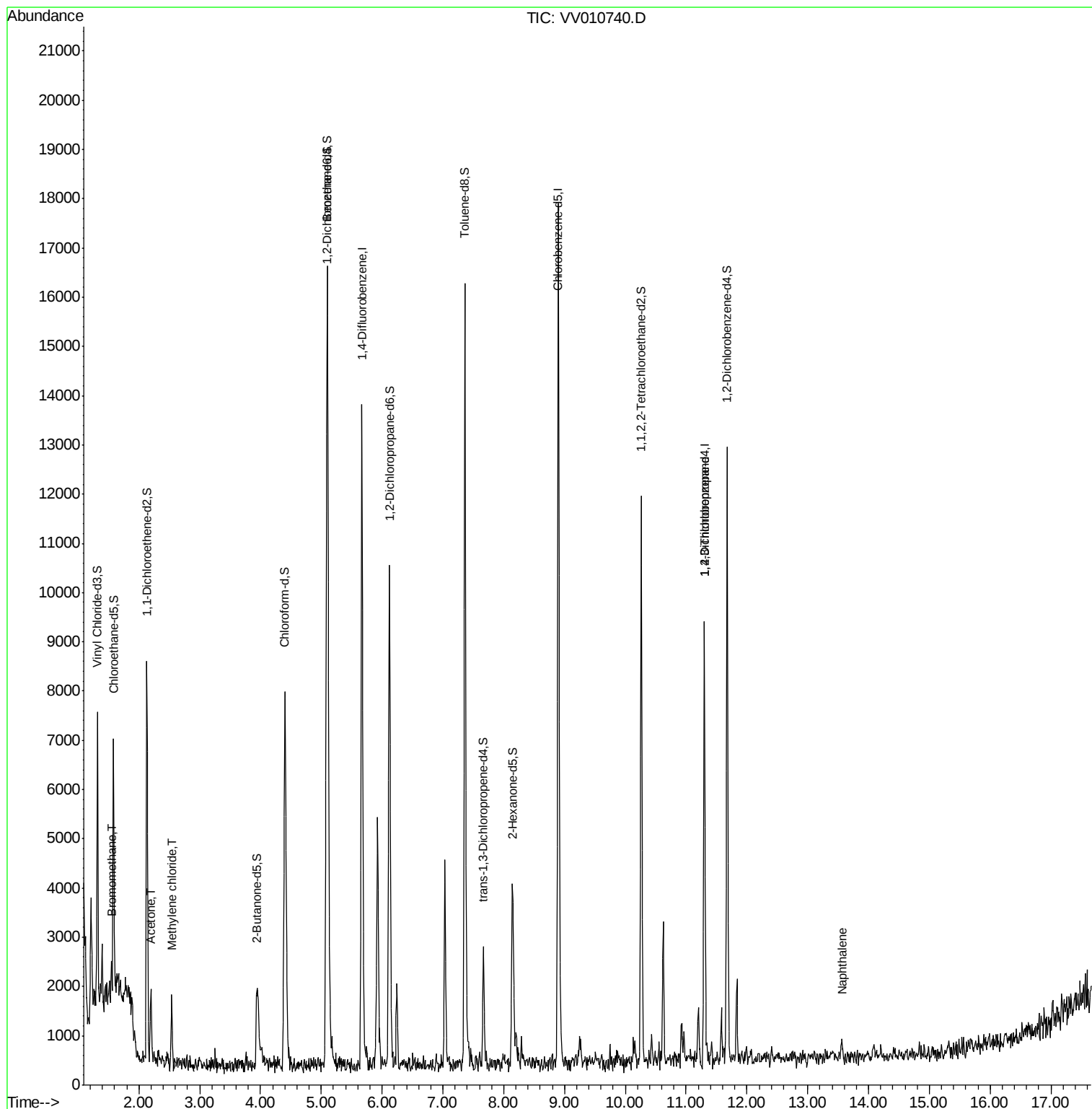
					Qvalue	
6) Bromomethane	1.54	94	103	0.993	ug/L #	3
13) Acetone	2.20	43	1747	22.145	ug/L	85
16) Methylene chloride	2.54	84	496	2.935	ug/L	84
59) 1,2,3-Trichloropropane	11.29	75	349	2.656	ug/L	89
69) Naphthalene	13.56	128	556	2.395	ug/L #	69

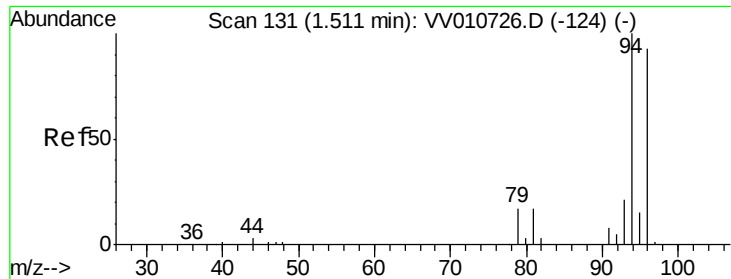
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Bromomethane

Concen: 0.993 ug/L

RT: 1.54 min Scan# 141

Delta R.T. 0.03 min

Lab File: VV010740.D

Acq: 08 May 2019 22:08

Instrument :

MSVOA_V

ClientSampled :

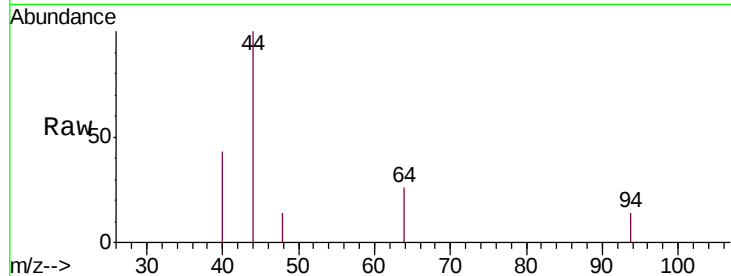
A5164

Tgt Ion: 94 Resp: 103

Ion Ratio Lower Upper

94 100

96 0.0 9.4 179.0#



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0

1.54

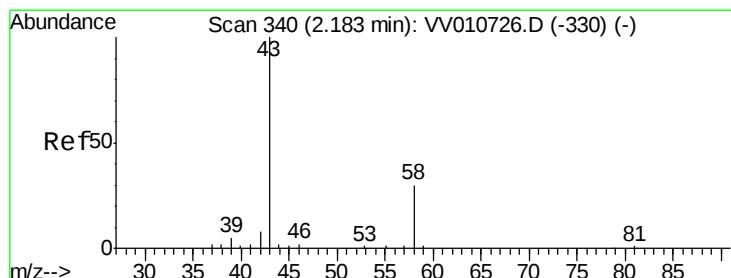
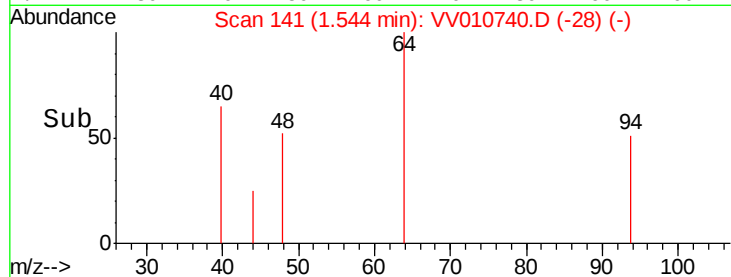
150

100

50

0

Time-->



#13

Acetone

Concen: 22.145 ug/L

RT: 2.20 min Scan# 344

Delta R.T. 0.01 min

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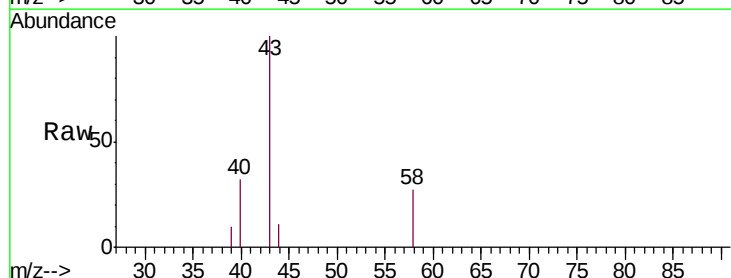
Acq: 08 May 2019 22:08

Tgt Ion: 43 Resp: 1747

Ion Ratio Lower Upper

43 100

58 23.4 0.0 63.4



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

2.20

1200

1000

800

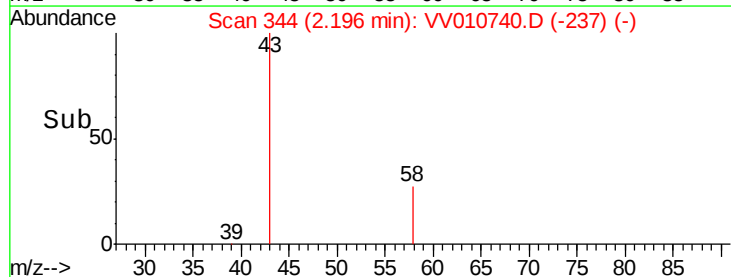
600

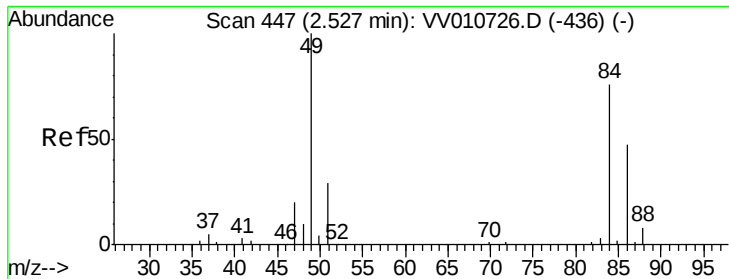
400

200

0

Time-->

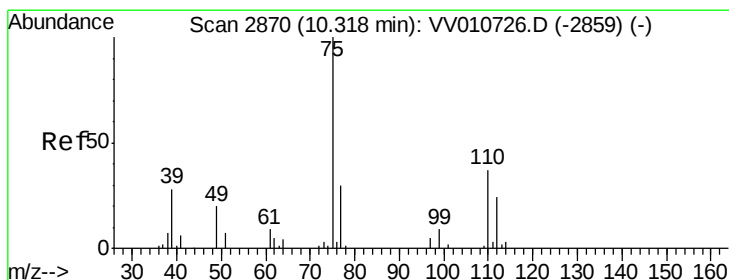
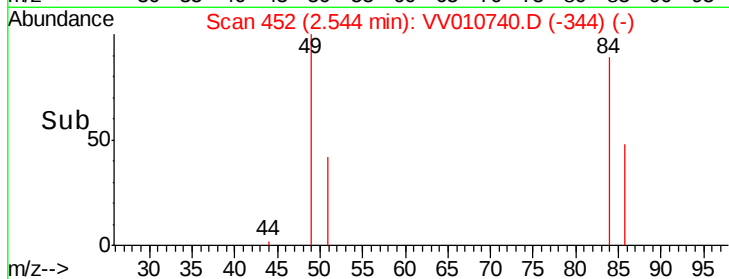
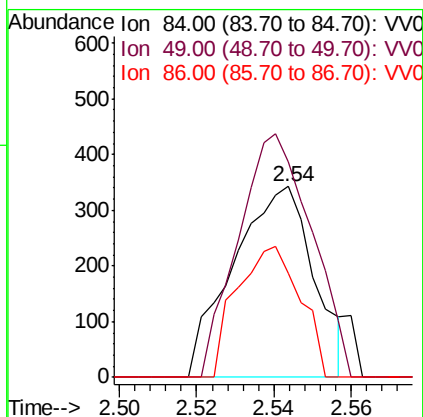
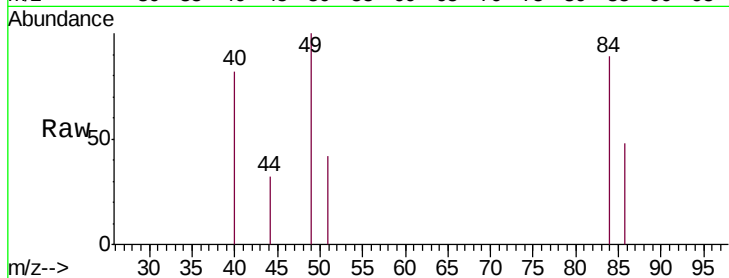




#16
Methylene chloride
Concen: 2.935 ug/L
RT: 2.54 min Scan# 452
Delta R.T. 0.02 min
Lab File: VV010740.D
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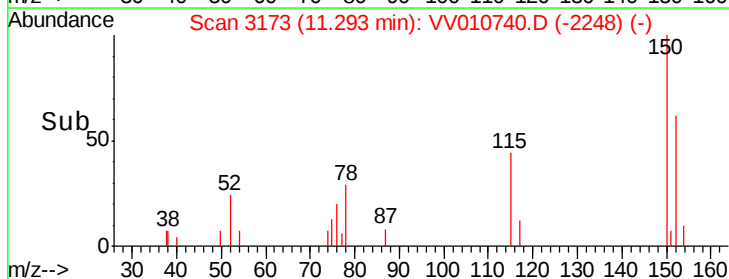
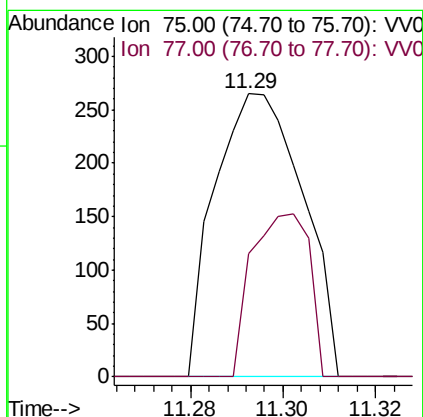
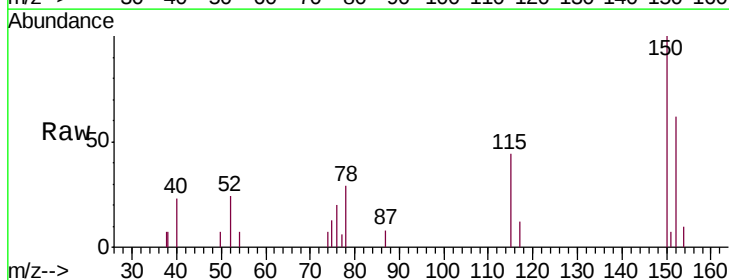
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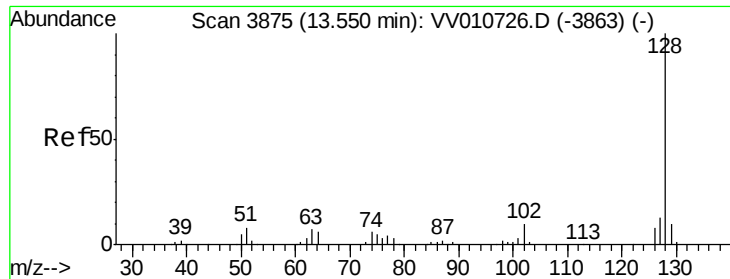
Tgt Ion: 84 Resp: 496
Ion Ratio Lower Upper
84 100
49 112.5 92.9 172.5
86 54.5 46.5 86.5



#59
1,2,3-Trichloropropane
Concen: 2.656 ug/L
RT: 11.29 min Scan# 3173
Delta R.T. 0.97 min
Lab File: VV010740.D
Acq: 08 May 2019 22:08

Tgt Ion: 75 Resp: 349
Ion Ratio Lower Upper
75 100
77 37.5 25.0 37.6





#69

Naphthalene

Concen: 2.395 ug/L

RT: 13.56 min Scan# 3877

Delta R.T. 0.01 min

Lab File: VV010740.D

Acq: 08 May 2019 22:08

Instrument :

MSVOA_V

ClientSampleId :

A5164

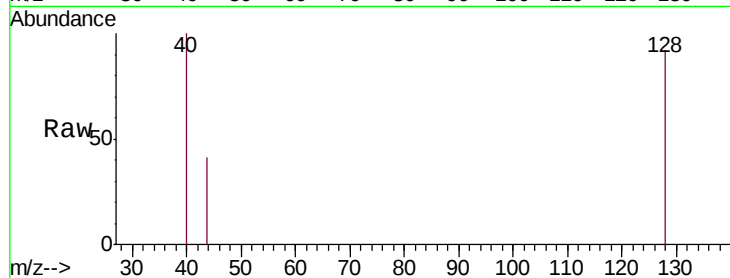
Tgt Ion:128 Resp: 556

Ion Ratio Lower Upper

128 100

129 0.0 8.3 12.5#

127 0.0 10.8 16.2#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

