

Data File : VV010664.D
Acq On : 03 May 2019 17:39
Operator : SY/MD
Sample : K2603-06
Misc : 5.01G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAJ58RE

Quant Time: May 03 23:54:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.M
Quant Title : VOC Analysis
QLast Update : Fri May 03 23:50:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	9395	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	6963	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	1402	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	2471	20.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.08%
7) Chloroethane-d5	1.59	69	2147	25.79	ug/L	0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.16%
10) 1,1-Dichloroethene-d2	2.14	63	4548	21.80	ug/L	0.02
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.20%
20) 2-Butanone-d5	3.96	46	48	1.33	ug/L	0.03
Spiked Amount	50.000	Range	20 - 135	Recovery	=	2.66%#
24) Chloroform-d	4.41	84	6386	26.32	ug/L	0.01
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.28%
26) 1,2-Dichloroethane-d4	5.09	65	3222	23.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.68%
29) Benzene-d6	5.11	84	12825	35.54	ug/L	0.01
Spiked Amount	25.000	Range	20 - 135	Recovery	=	142.16%#
33) 1,2-Dichloropropane-d6	6.12	67	3581	32.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	129.56%#
37) Toluene-d8	7.37	98	10390	29.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	119.88%
38) trans-1,3-Dichloropropene-	7.68	79	864	18.91	ug/L	0.02
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.64%
39) 2-Hexanone-d5	8.15	63	363	18.45	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	36.90%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	2281	22.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.60%
61) 1,2-Dichlorobenzene-d4	11.68	152	1602	29.70	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	118.80%

Target Compounds

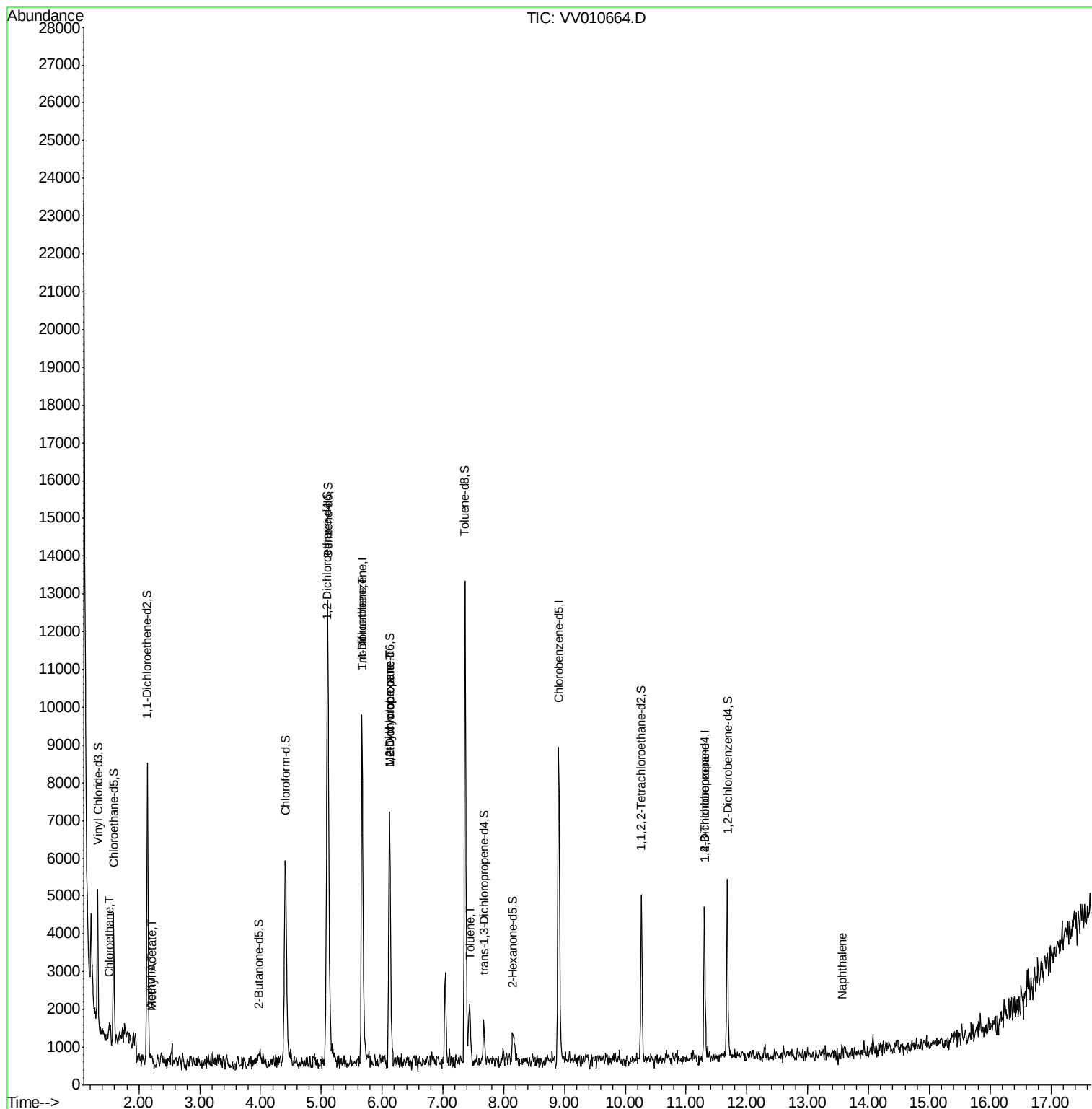
					Qvalue
8) Chloroethane	1.52	64	237	3.899 ug/L #	43
13) Acetone	2.20	43	71	2.289 ug/L #	46
15) Methyl Acetate	2.21	43	80	1.319 ug/L #	50
35) Trichloroethene	5.67	95	135	1.422 ug/L #	4
36) Methylcyclohexane	6.13	83	958	7.062 ug/L #	18
40) 1,2-Dichloropropane	6.12	63	317	3.662 ug/L #	87
44) Toluene	7.44	91	1408	3.833 ug/L	97
59) 1,2,3-Trichloropropane	11.30	75	66	0.973 ug/L #	43
69) Naphthalene	13.57	128	223	2.488 ug/L #	69

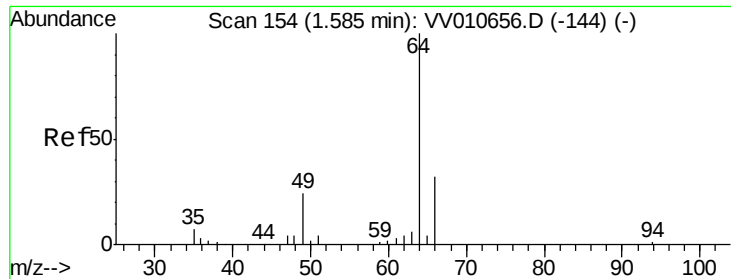
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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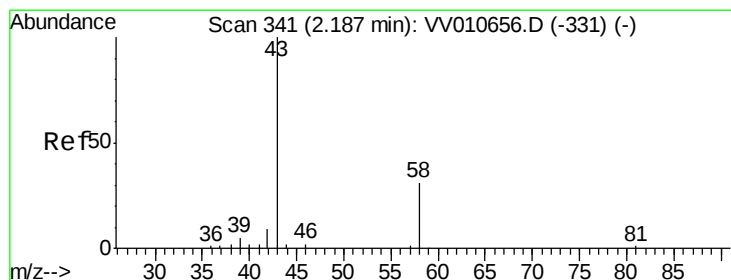
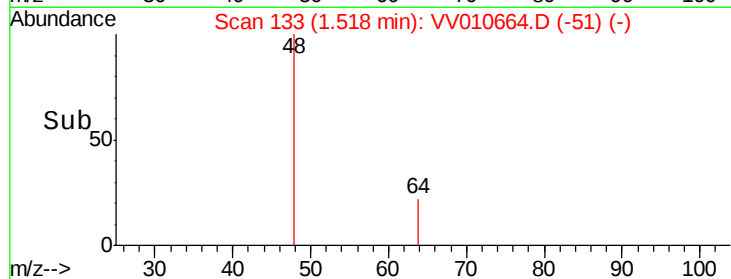
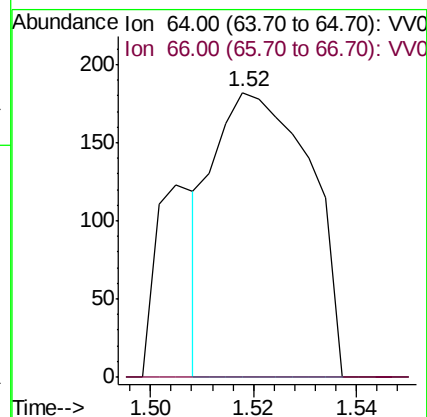
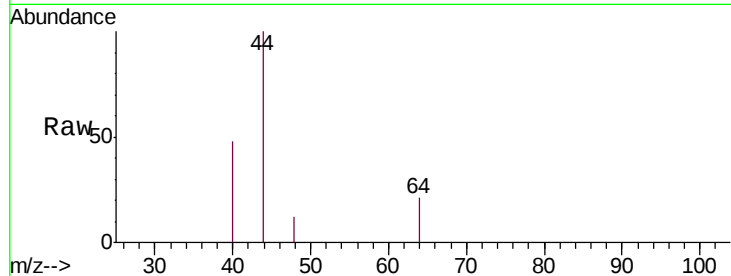




#8
Chloroethane
Concen: 3.899 ug/L
RT: 1.52 min Scan# 133
Delta R.T. -0.07 min
Lab File: VV010664.D
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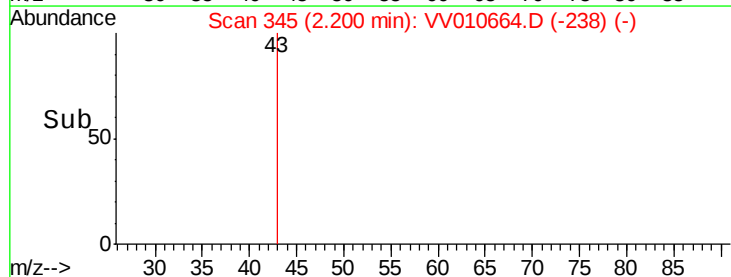
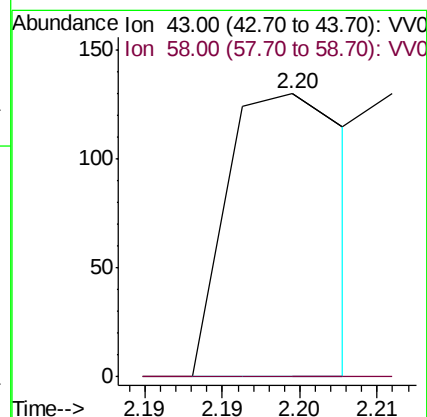
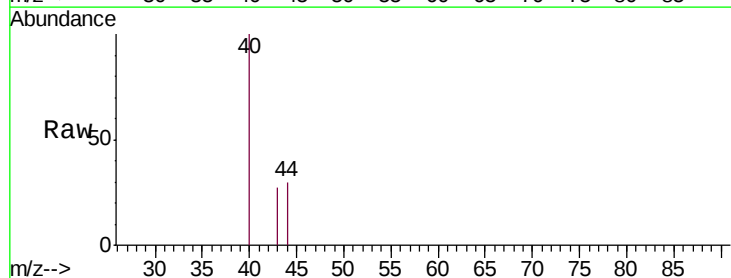
Instrument :
MSVOA_V
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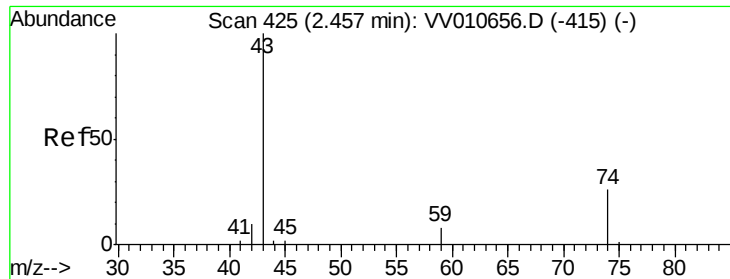
Tgt Ion: 64 Resp: 237
Ion Ratio Lower Upper
64 100
66 0.0 22.5 41.7#



#13
Acetone
Concen: 2.289 ug/L
RT: 2.20 min Scan# 345
Delta R.T. 0.01 min
Lab File: VV010664.D
Acq: 03 May 2019 17:39

Tgt Ion: 43 Resp: 71
Ion Ratio Lower Upper
43 100
58 0.0 0.0 58.2





#15

Methyl Acetate

Concen: 1.319 ug/L

RT: 2.21 min Scan# 348

Delta R.T. -0.25 min

Lab File: VV010664.D

Acq: 03 May 2019 17:39

Instrument :

MSVOA_V

ClientSampleId :

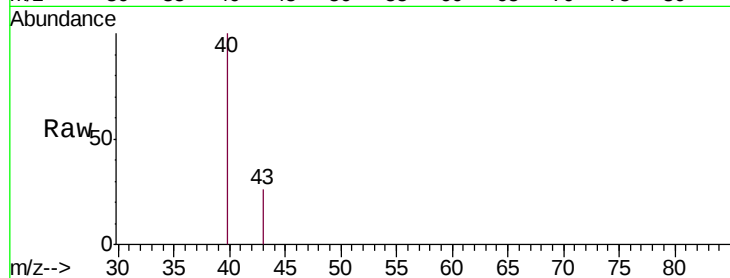
GAJ58RE

Tgt Ion: 43 Resp: 80

Ion Ratio Lower Upper

43 100

74 0.0 20.0 30.0#



Abundance Ion 43.00 (42.70 to 43.70): VV010656.D (-415) (-)

Ion 74.00 (73.70 to 74.70): VV010656.D (-415) (-)

2.21

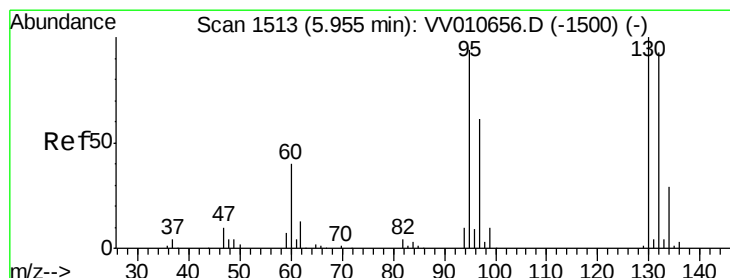
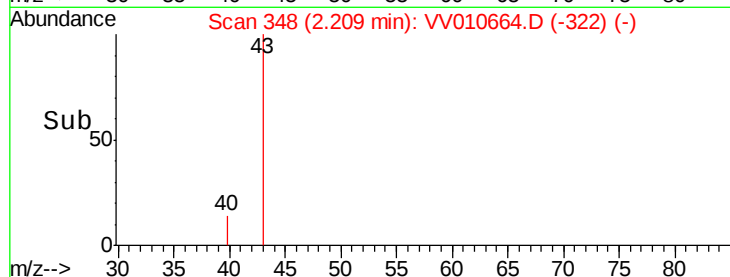
150

100

50

0

Time-->



#35

Trichloroethene

Concen: 1.422 ug/L

RT: 5.67 min Scan# 1425

Delta R.T. -0.28 min

Lab File: VV010664.D

Acq: 03 May 2019 17:39

Tgt Ion: 95 Resp: 135

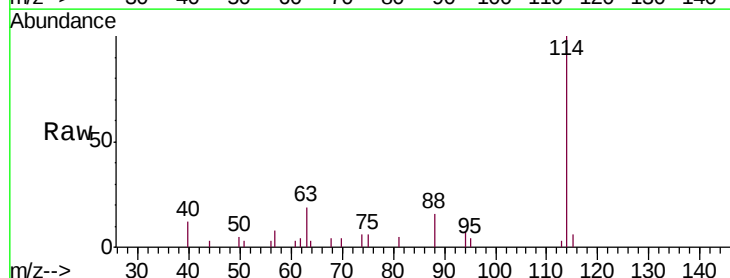
Ion Ratio Lower Upper

95 100

97 0.0 45.0 83.6#

132 0.0 69.9 129.9#

130 0.0 71.3 132.3#



Abundance Ion 95.00 (94.70 to 95.70): VV010656.D (-1500) (-)

Ion 97.00 (96.70 to 97.70): VV010656.D (-1500) (-)

Ion 132.00 (131.70 to 132.70): VV010656.D (-1500) (-)

Ion 130.00 (129.70 to 130.70): VV010656.D (-1500) (-)

250

200

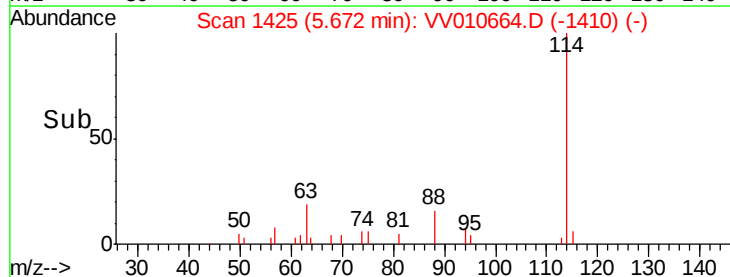
150

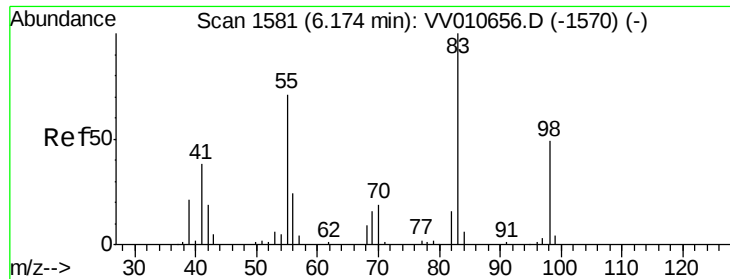
100

50

0

Time-->

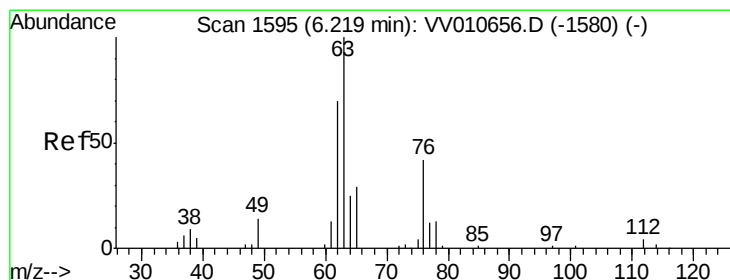
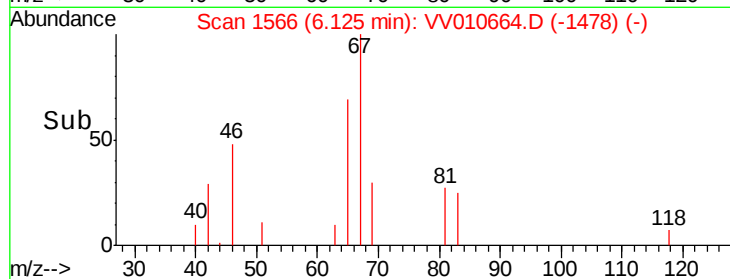
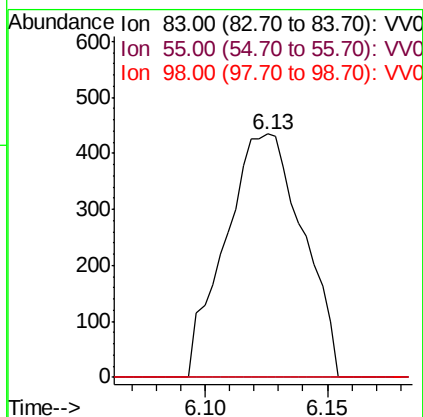
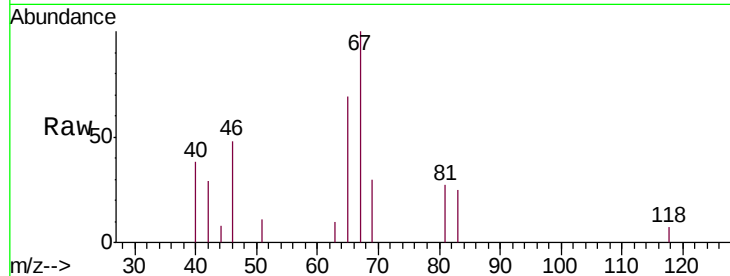




#36
Methylcyclohexane
Concen: 7.062 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.05 min
Lab File: VV010664.D
Acq: 03 May 2019 17:39

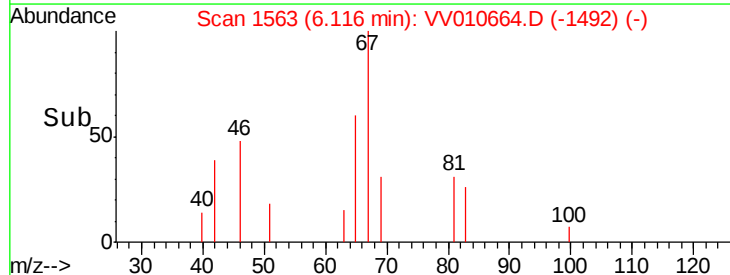
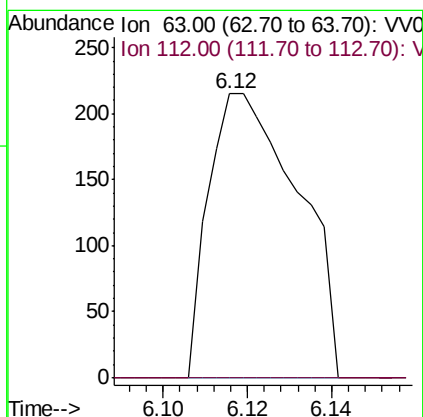
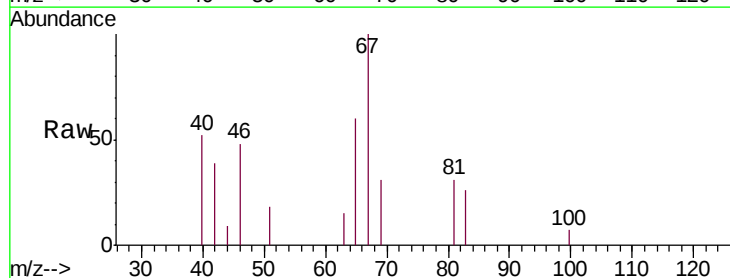
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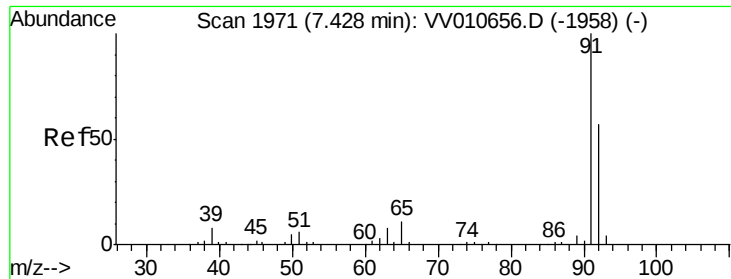
Tgt Ion: 83 Resp: 958
Ion Ratio Lower Upper
83 100
55 0.0 61.4 92.0#
98 0.0 37.4 56.2#



#40
1,2-Dichloropropane
Concen: 3.662 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV010664.D
Acq: 03 May 2019 17:39

Tgt Ion: 63 Resp: 317
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#





#44

Toluene

Concen: 3.833 ug/L

RT: 7.44 min Scan# 1975

Delta R.T. 0.01 min

Lab File: VV010664.D

Acq: 03 May 2019 17:39

Instrument :

MSVOA_V

ClientSampleId :

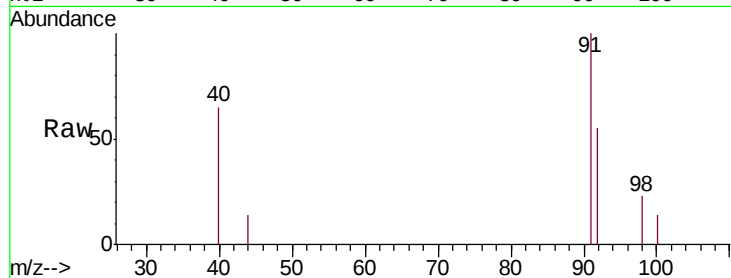
GAJ58RE

Tgt Ion: 91.00 Resp: 1408

Ion Ratio Lower Upper

91 100

92 54.9 40.1 74.5



Abundance Ion 91.00 (90.70 to 91.70): VV010656.D (-1958) (-)

Ion 92.00 (91.70 to 92.70): VV010656.D (-1958) (-)

7.44

800

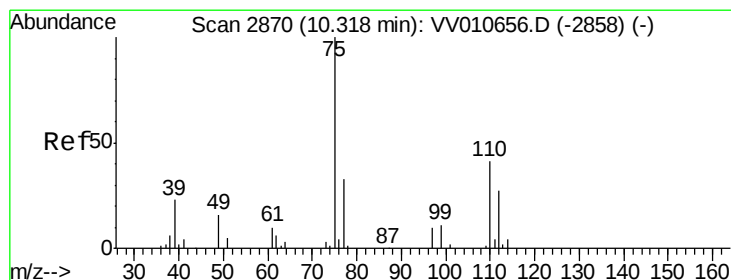
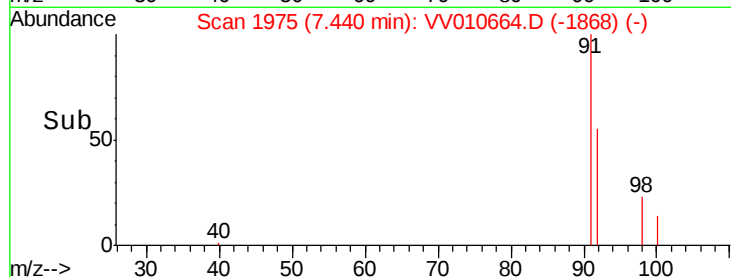
600

400

200

0

Time-->



#59

1,2,3-Trichloropropane

Concen: 0.973 ug/L

RT: 11.30 min Scan# 3176

Delta R.T. 0.98 min

Lab File: VV010664.D

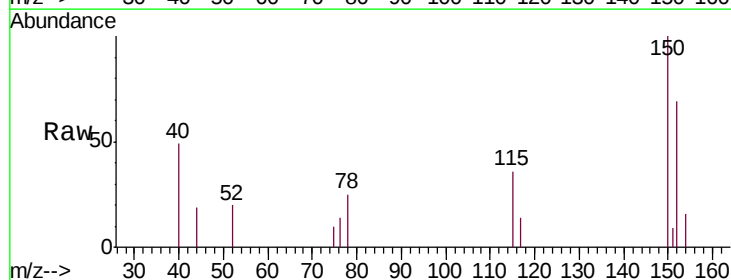
Acq: 03 May 2019 17:39

Tgt Ion: 75.00 Resp: 66

Ion Ratio Lower Upper

75 100

77 0.0 25.6 38.4#



Abundance Ion 75.00 (74.70 to 75.70): VV010656.D (-2858) (-)

Ion 77.00 (76.70 to 77.70): VV010656.D (-2858) (-)

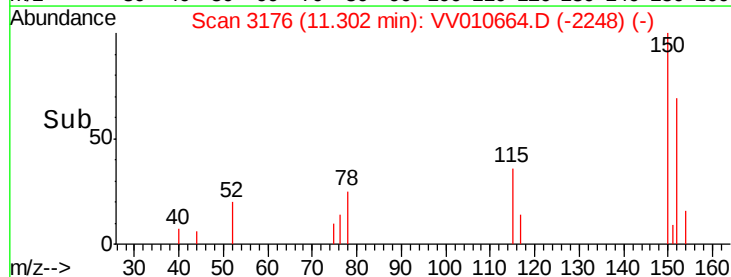
11.30

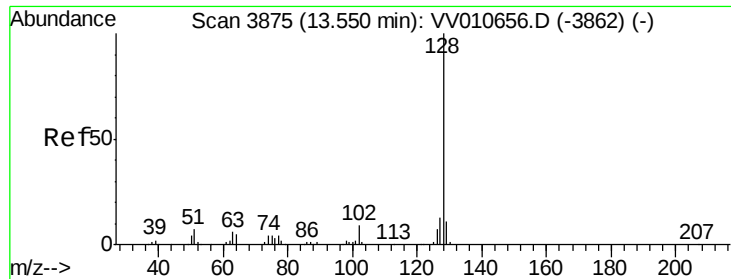
100

50

0

Time-->





#69

Naphthalene

Concen: 2.488 ug/L

RT: 13.57 min Scan# 3880

Delta R.T. 0.02 min

Lab File: VV010664.D

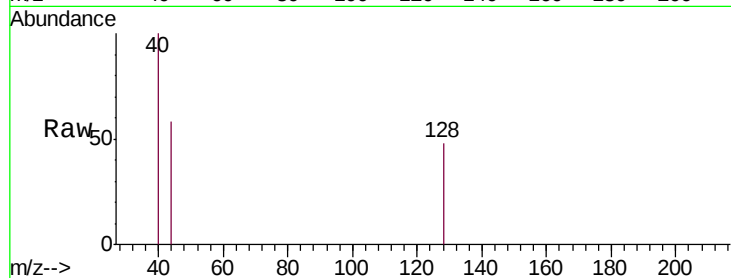
Acq: 03 May 2019 17:39

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Tgt Ion:	128	Resp:	223
Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.6	13.0#
127	0.0	10.6	15.8#

