

Data File : VV010894.D
Acq On : 15 May 2019 11:37
Operator : SY/MD
Sample : K2737-14
Misc : 4.17G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DB862

Quant Time: May 16 07:28:48 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	5.66	114	148064	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	139015	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	57342	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	32476	17.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.88%
7) Chloroethane-d5	1.57	69	24952	20.30	ug/L	0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.20%
10) 1,1-Dichloroethene-d2	2.12	63	49888	13.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.92%
20) 2-Butanone-d5	3.93	46	16007	26.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	53.94%
24) Chloroform-d	4.40	84	69265	16.20	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	64.80%
26) 1,2-Dichloroethane-d4	5.08	65	37769	15.54	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	62.16%#
29) Benzene-d6	5.09	84	147984	19.23	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	76.92%
33) 1,2-Dichloropropane-d6	6.12	67	46420	18.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	75.64%
37) Toluene-d8	7.36	98	130098	17.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	70.40%
38) trans-1,3-Dichloropropene-	7.66	79	15279	14.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	57.08%
39) 2-Hexanone-d5	8.13	63	12609	27.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	54.22%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	33092	14.53	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	58.12%
61) 1,2-Dichlorobenzene-d4	11.67	152	44227	18.46	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	73.84%#

Target Compounds

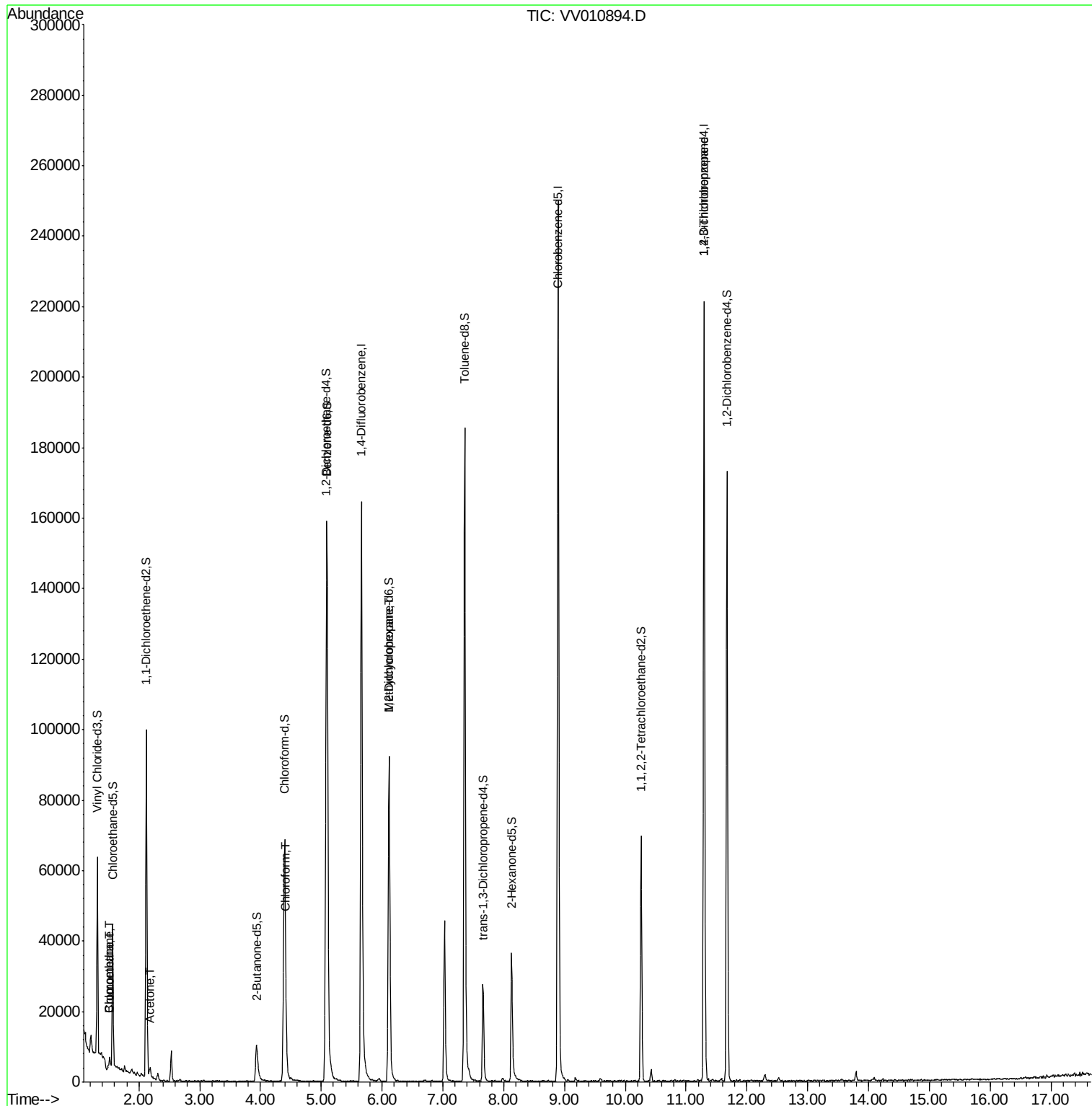
					Qvalue
6) Bromomethane	1.52	94	601	1.222 ug/L	83
8) Chloroethane	1.51	64	1573	1.436 ug/L #	42
13) Acetone	2.19	43	1377	2.278 ug/L	86
25) Chloroform	4.42	83	4050	0.949 ug/L	92
36) Methylcyclohexane	6.11	83	11020	3.771 ug/L #	19
59) 1,2,3-Trichloropropane	11.29	75	7719	4.539 ug/L	94

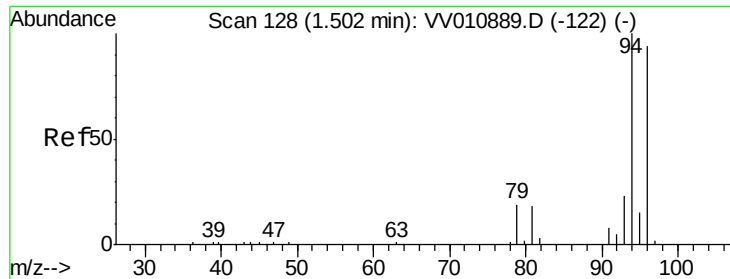
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Bromomethane

Concen: 1.222 ug/L

RT: 1.52 min Scan# 133

Delta R.T. 0.02 min

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Acq: 15 May 2019 11:37

Instrument :

MSVOA_V

ClientSampled :

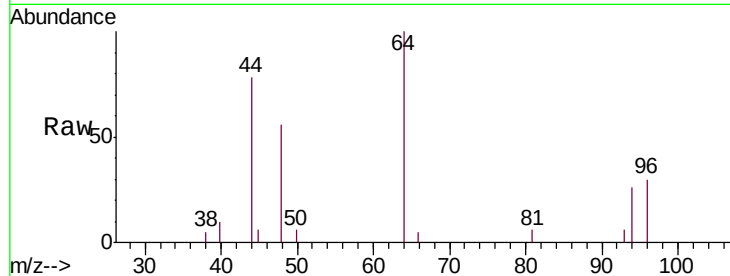
DB862

Tgt Ion: 94 Resp: 601

Ion Ratio Lower Upper

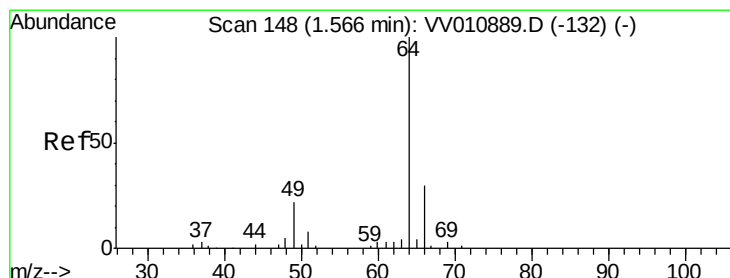
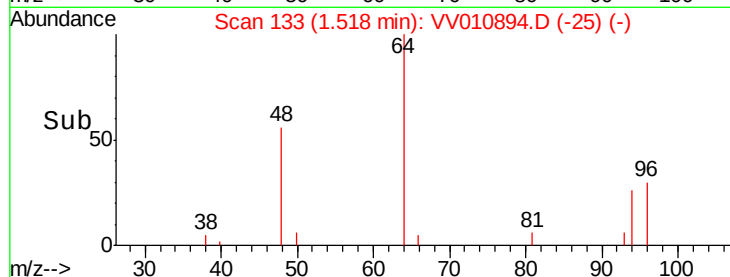
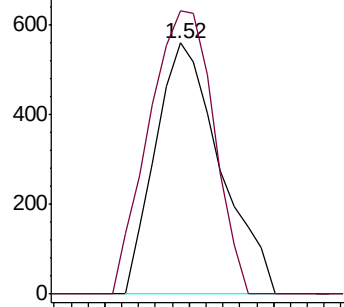
94 100

96 112.5 9.6 181.6



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0



#8

Chloroethane

Concen: 1.436 ug/L

RT: 1.51 min Scan# 132

Delta R.T. -0.05 min

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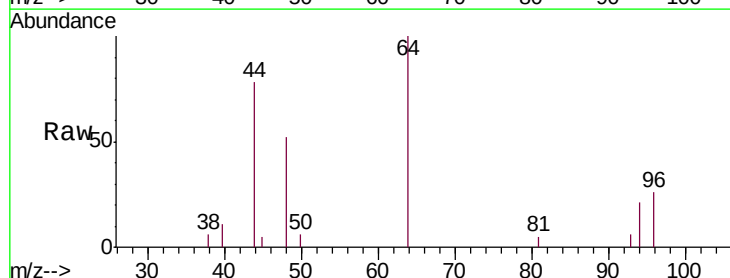
Acq: 15 May 2019 11:37

Tgt Ion: 64 Resp: 1573

Ion Ratio Lower Upper

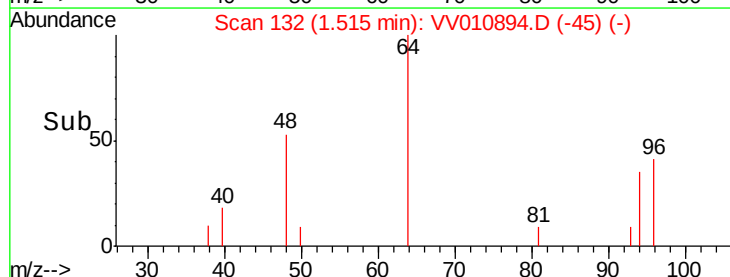
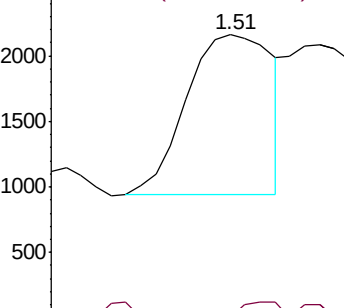
64 100

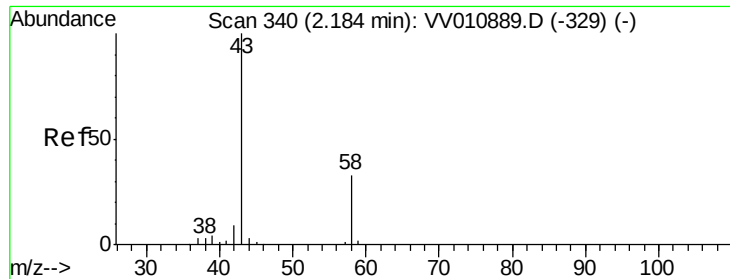
66 0.0 22.5 41.9#



Abundance Ion 64.00 (63.70 to 64.70): VV0

Ion 66.00 (65.70 to 66.70): VV0





#13

Acetone

Concen: 2.278 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

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MSVOA_V

ClientSampled :

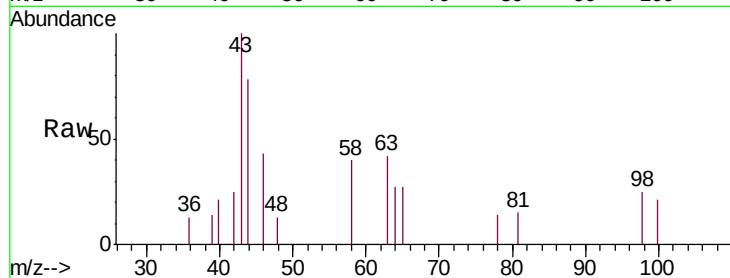
DB862

Tgt Ion: 43 Resp: 1377

Ion Ratio Lower Upper

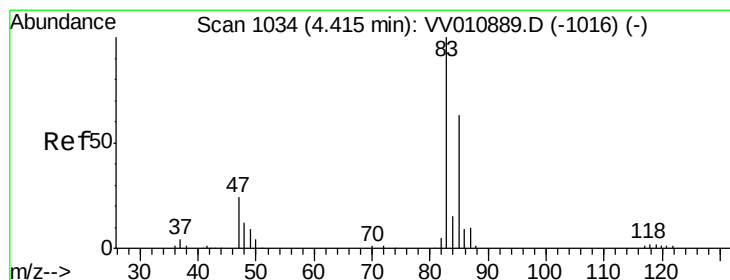
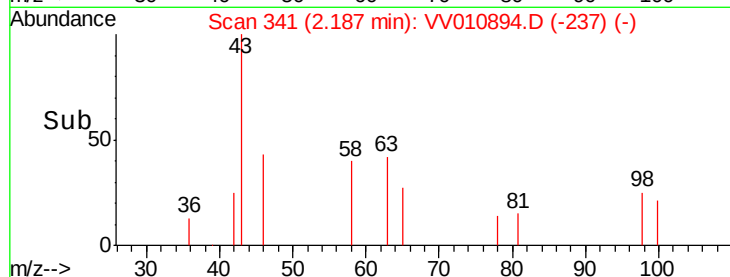
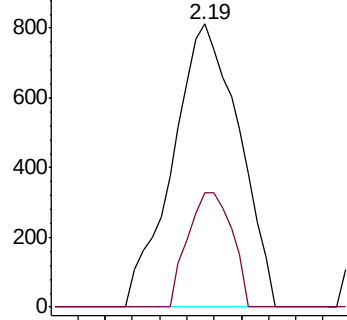
43 100

58 26.7 0.0 69.2



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#25

Chloroform

Concen: 0.949 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.01 min

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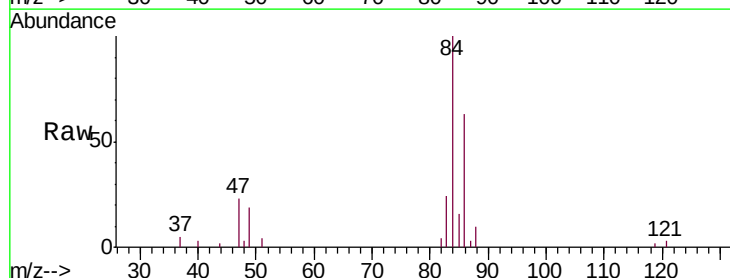
Acq: 15 May 2019 11:37

Tgt Ion: 83 Resp: 4050

Ion Ratio Lower Upper

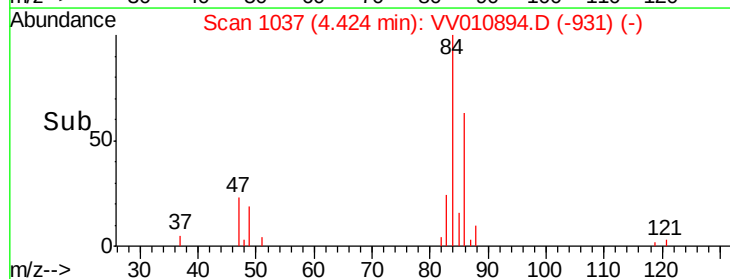
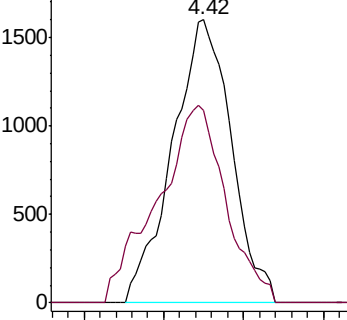
83 100

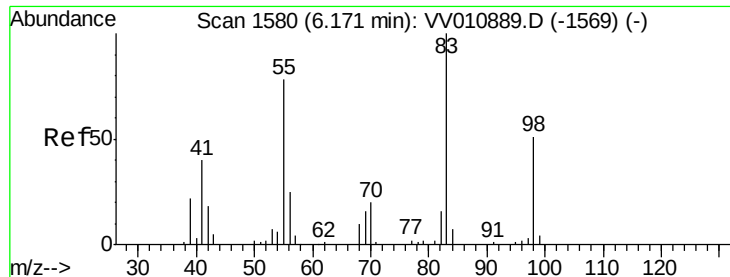
85 71.2 45.3 84.1



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

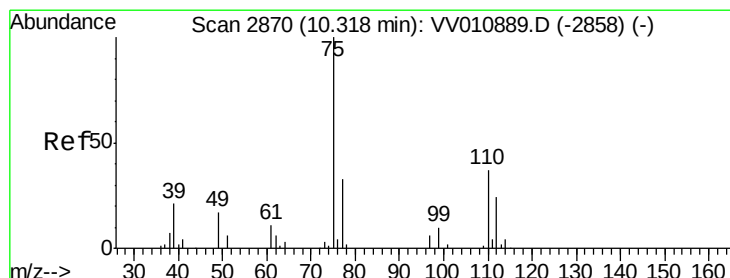
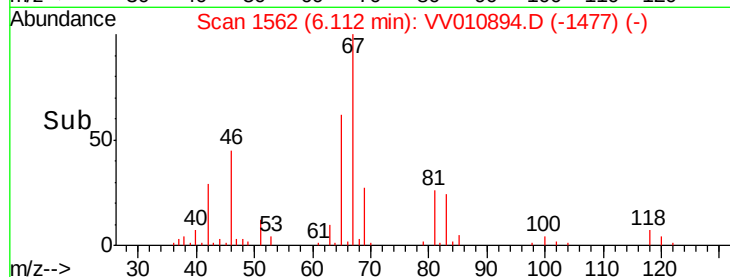
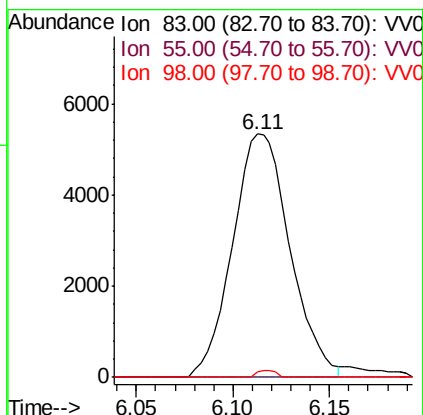
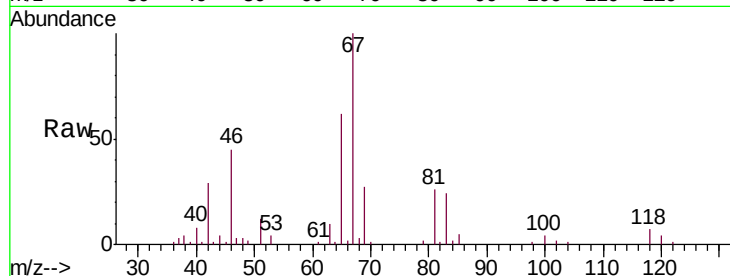




#36
Methylcyclohexane
Concen: 3.771 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
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MSVOA_V
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DB862

Tgt Ion: 83 Resp: 11020
Ion Ratio Lower Upper
83 100
55 0.0 61.0 91.4#
98 1.0 37.2 55.8#



#59
1,2,3-Trichloropropane
Concen: 4.539 ug/L
RT: 11.29 min Scan# 3173
Delta R.T. 0.97 min
Lab File: VV010894.D
Acq: 15 May 2019 11:37

Tgt Ion: 75 Resp: 7719
Ion Ratio Lower Upper
75 100
77 36.3 26.4 39.6

