

Data File : VV006068.D
Acq On : 26 May 2018 20:37
Operator : SY/MD
Sample : J3090-19 100X
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Quant Time: May 28 02:08:42 2018
Quant Method : W:\HPCHEM1\MSVOA_V\METHOD\SOMVLM052518WMA.M
Quant Title : VOC Analysis
QLast Update : Mon May 28 02:03:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	171496	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	156006	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	60810	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	54729	45.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.38%
7) Chloroethane-d5	1.55	69	12504	14.76	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	29.52%#
11) 1,1-Dichloroethene-d2	2.12	63	77752	34.88	ug/L	-0.01
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.76%
21) 2-Butanone-d5	3.95	46	55532	80.95	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	80.95%
24) Chloroform-d	4.41	84	104041	46.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.16%
26) 1,2-Dichloroethane-d4	5.09	65	70778	48.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.04%
32) Benzene-d6	5.10	84	206529	49.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.60%
36) 1,2-Dichloropropane-d6	6.12	67	65895	50.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.06%
41) Toluene-d8	7.37	98	178307	46.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.94%
43) trans-1,3-Dichloropropene-	7.67	79	26644	43.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.86%
47) 2-Hexanone-d5	8.14	63	51775	100.02	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.02%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	90422	49.93	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.86%
64) 1,2-Dichlorobenzene-d4	11.68	152	65576	54.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.44%

Target Compounds						Qvalue
22) 2-Butanone	4.04	43	2650	2.61	ug/L #	61
34) Trichloroethene	5.96	95	28976	23.03	ug/L	98
35) Methylcyclohexane	6.12	83	16049	8.19	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	7403	5.65	ug/L #	87
48) 2-Hexanone	8.14	43	7144	5.38	ug/L #	71
59) 1,2,3-Trichloropropane	11.30	75	7443	4.45	ug/L #	87

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

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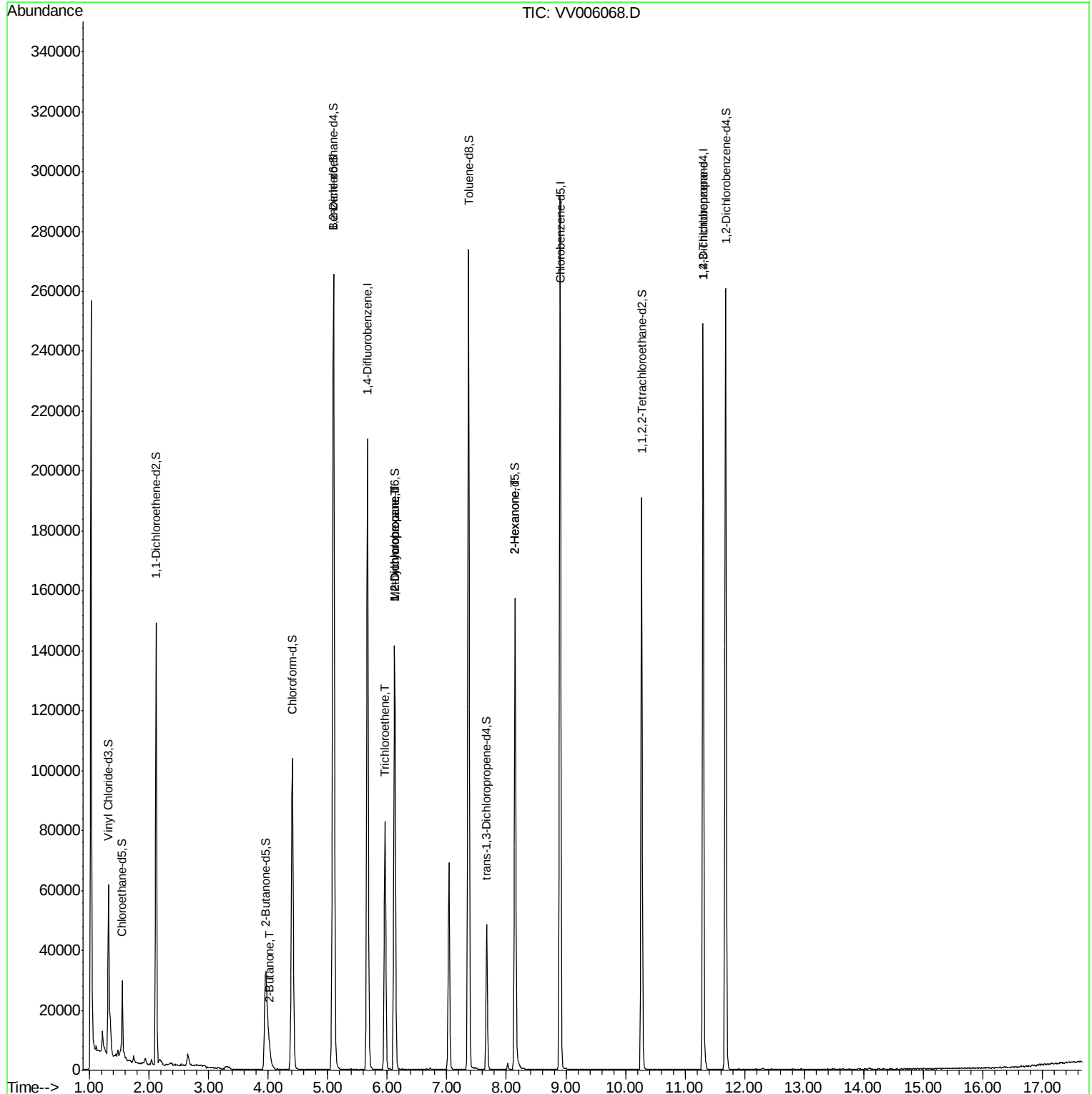
Quant Time: May 28 02:08:42 2018

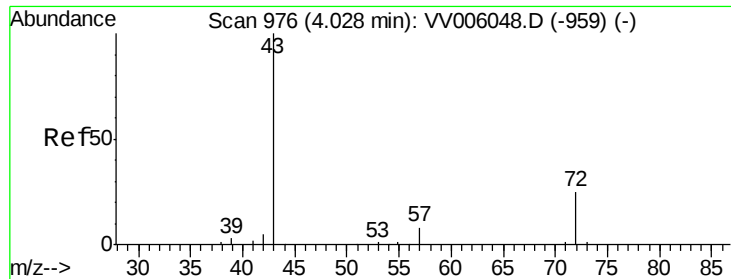
Quant Method : W:\HPCHEM1\MSVOA_V\METHOD\SOMVLM052518WMA.M

Quant Title : VOC Analysis

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Response via : Initial Calibration





#22

2-Butanone

Concen: 2.61 ug/L

RT: 4.04 min Scan# 979

Delta R.T. 0.01 min

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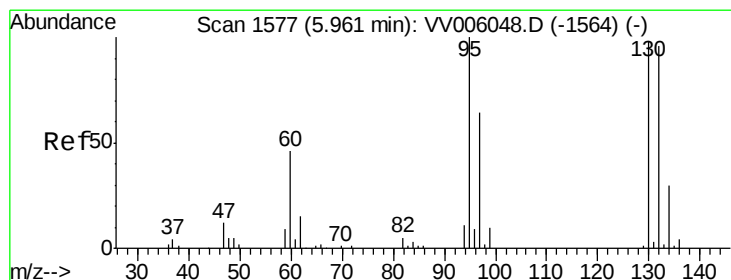
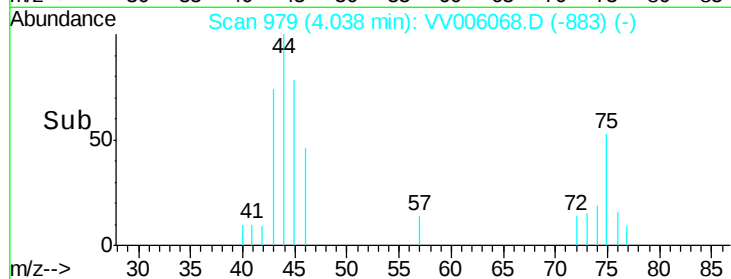
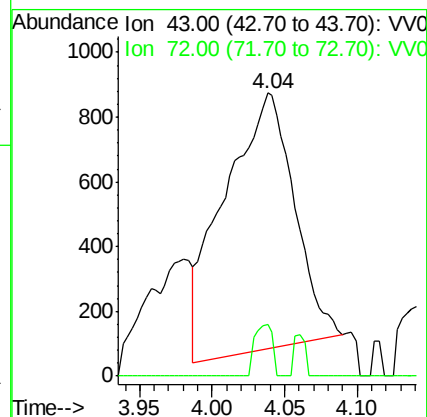
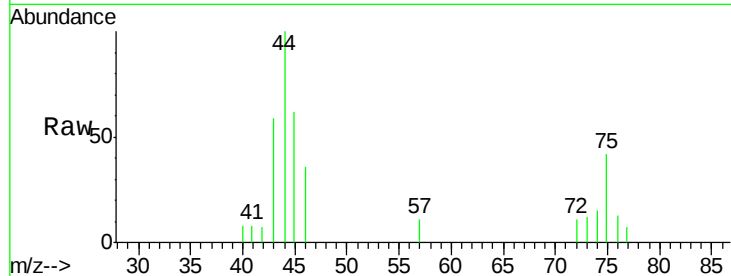
Acq: 26 May 2018 20:37

Tgt Ion: 43 Resp: 2650

Ion Ratio Lower Upper

43 100

72 5.2 12.4 37.0#



#34

Trichloroethene

Concen: 23.03 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VV006068.D

Acq: 26 May 2018 20:37

Tgt Ion: 95 Resp: 28976

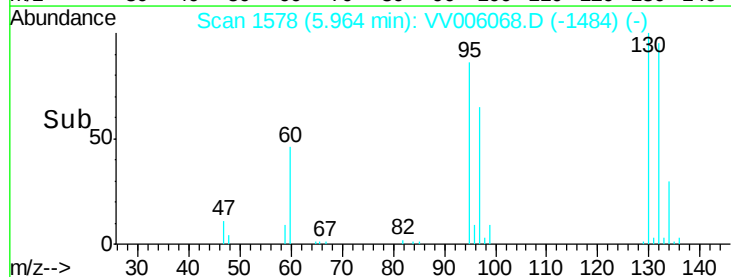
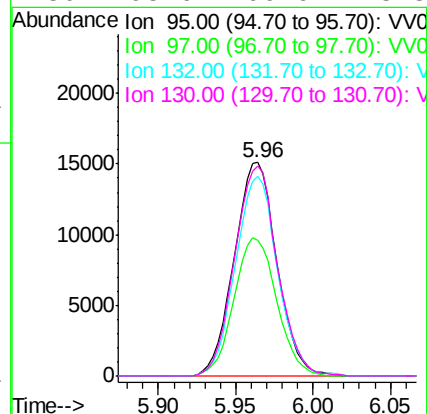
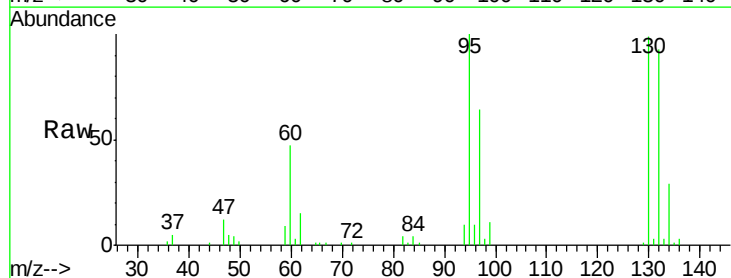
Ion Ratio Lower Upper

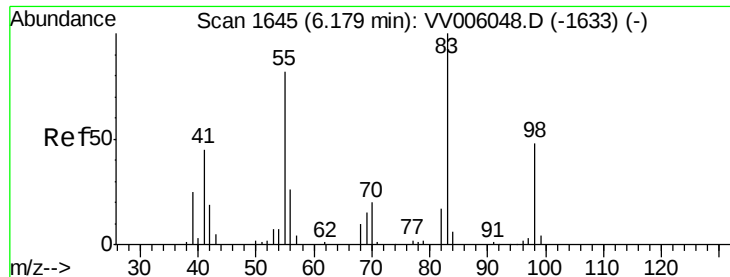
95 100

97 63.7 44.0 81.6

132 93.3 65.0 120.6

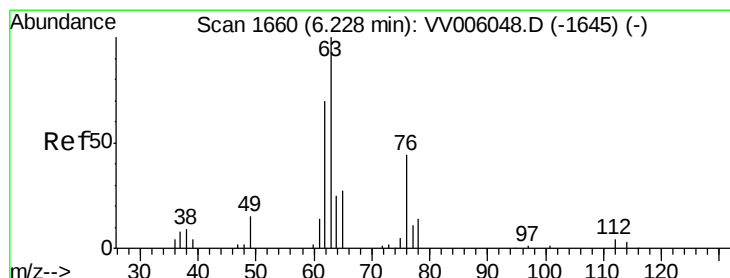
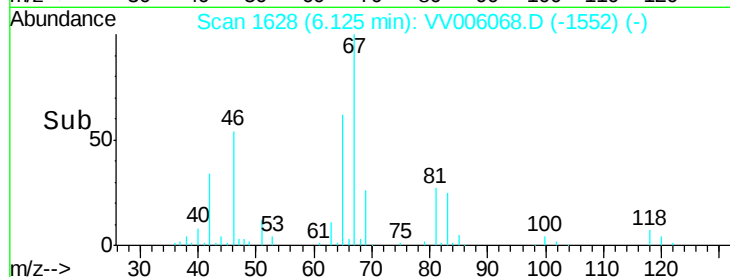
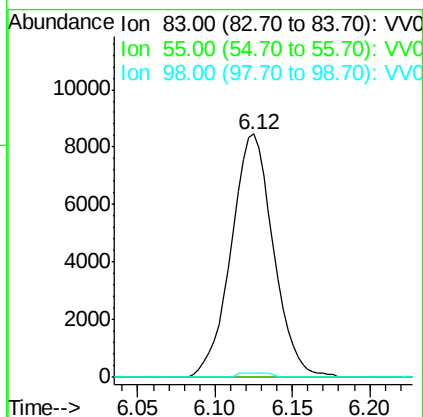
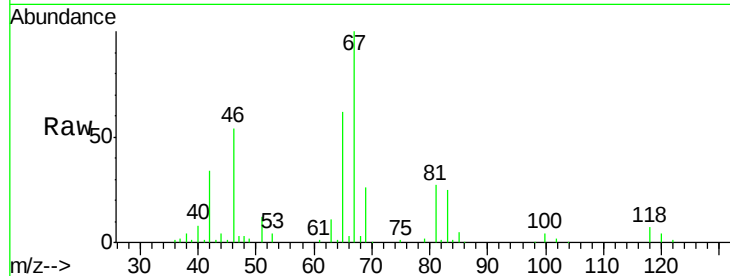
130 98.6 66.6 123.8





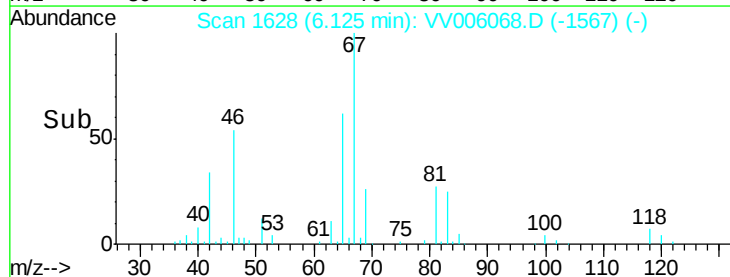
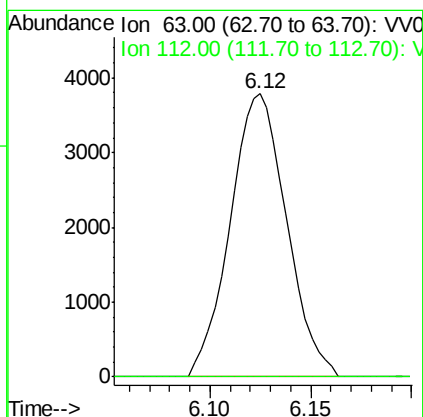
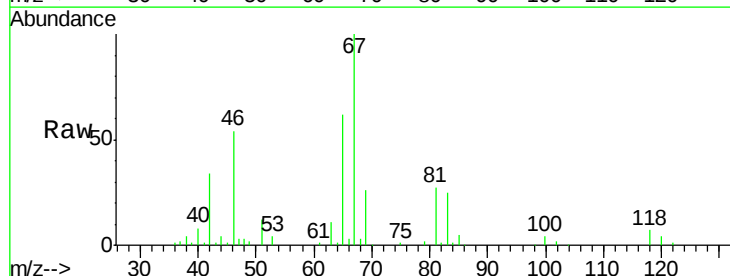
#35
Methylcyclohexane
Concen: 8.19 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.05 min
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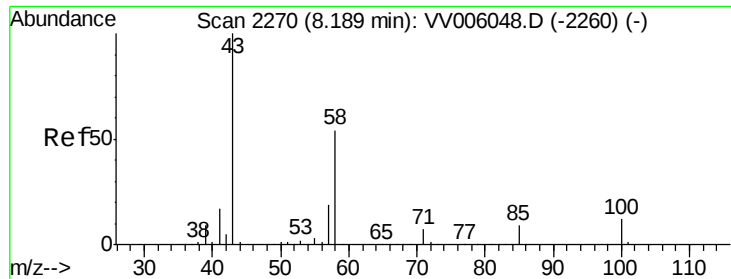
Tgt Ion: 83 Resp: 16049
Ion Ratio Lower Upper
83 100
55 0.0 63.1 94.7#
98 0.7 37.8 56.8#



#37
1,2-Dichloropropane
Concen: 5.65 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VV006068.D
Acq: 26 May 2018 20:37

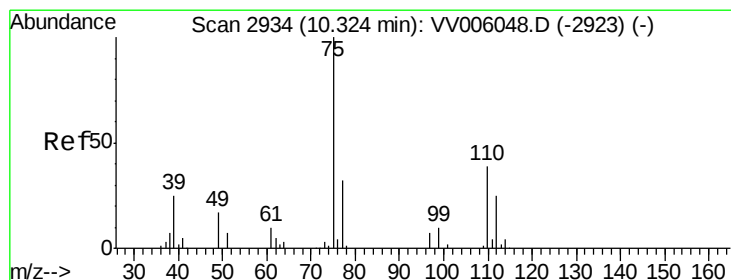
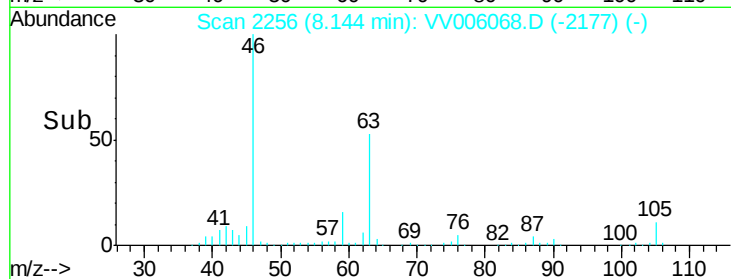
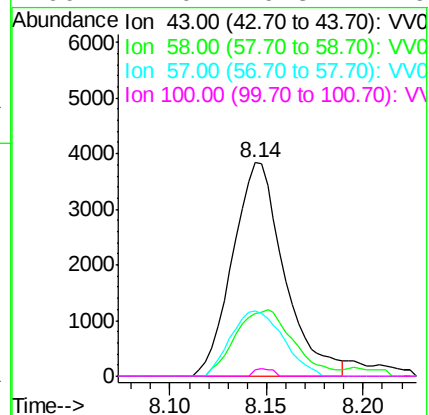
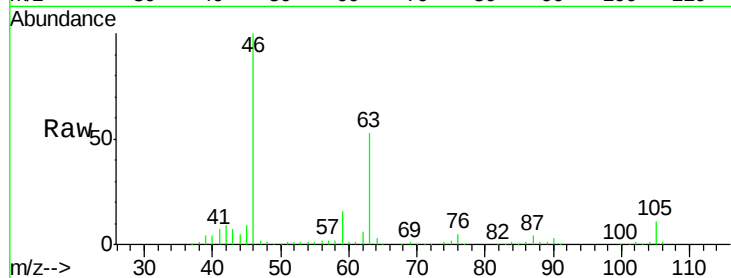
Tgt Ion: 63 Resp: 7403
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#





#48
 2-Hexanone
 Concen: 5.38 ug/L
 RT: 8.14 min Scan# 2256
 Delta R.T. -0.04 min
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Tgt Ion:	43	Resp:	7144
Ion	Ratio	Lower	Upper
43	100		
58	34.8	45.4	68.2#
57	31.1	15.9	23.9#
100	1.0	9.8	14.6#



#59
 1,2,3-Trichloropropane
 Concen: 4.45 ug/L
 RT: 11.30 min Scan# 3238
 Delta R.T. 0.98 min
 Lab File: VV006068.D
 Acq: 26 May 2018 20:37

Tgt Ion:	75	Resp:	7443
Ion	Ratio	Lower	Upper
75	100		
77	39.5	25.8	38.6#

