

Data File : VV006067.D
Acq On : 26 May 2018 20:11
Operator : SY/MD
Sample : J3090-18 100X
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Quant Time: May 28 02:08:28 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	172590	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	160097	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	61610	50.00	ug/L	0.00

System Monitoring Compounds

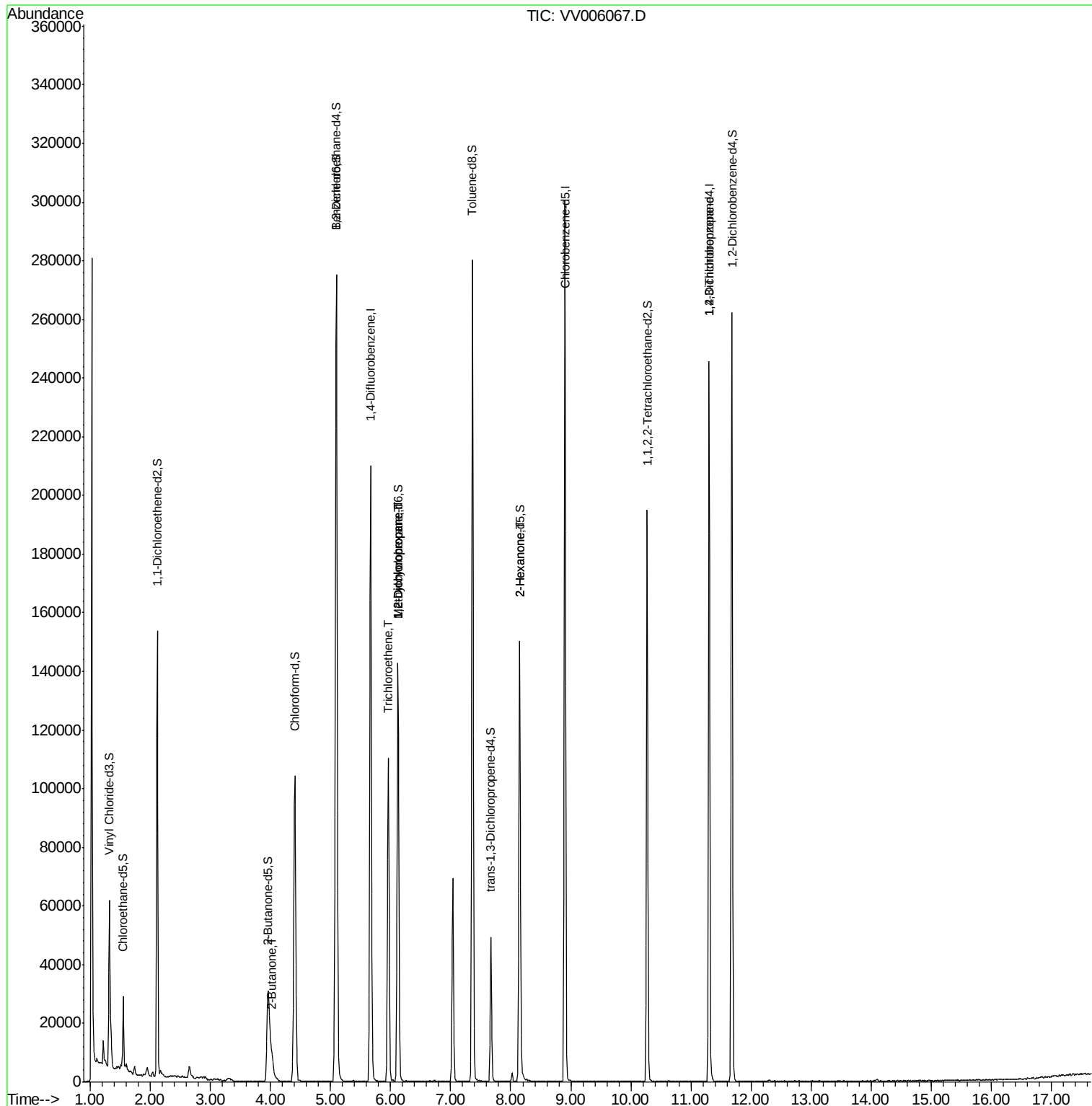
4) Vinyl Chloride-d3	1.32	65	53807	44.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.28%
7) Chloroethane-d5	1.55	69	11403	13.38	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	26.76%#
11) 1,1-Dichloroethene-d2	2.12	63	78820	35.13	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.26%
21) 2-Butanone-d5	3.96	46	54246	78.57	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	78.57%
24) Chloroform-d	4.40	84	105671	46.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.02%
26) 1,2-Dichloroethane-d4	5.09	65	72771	49.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.12%
32) Benzene-d6	5.10	84	212417	49.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.82%
36) 1,2-Dichloropropane-d6	6.12	67	67347	49.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.66%
41) Toluene-d8	7.36	98	182986	46.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.96%
43) trans-1,3-Dichloropropene-	7.67	79	27139	43.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.20%
47) 2-Hexanone-d5	8.15	63	52830	99.45	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.45%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	91502	49.23	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.46%
64) 1,2-Dichlorobenzene-d4	11.68	152	66159	53.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.98%

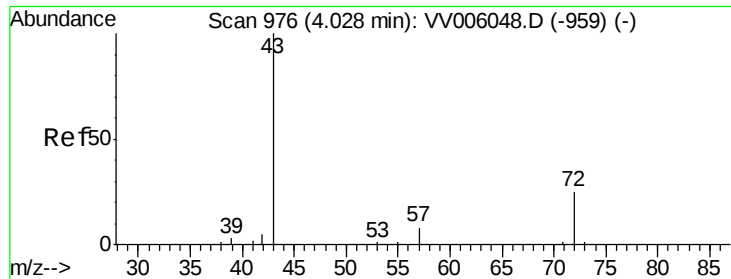
Target Compounds						Qvalue
22) 2-Butanone	4.03	43	2709	2.65	ug/L #	59
34) Trichloroethene	5.96	95	38673	29.95	ug/L	99
35) Methylcyclohexane	6.12	83	16396	8.15	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	7782	5.79	ug/L #	87
48) 2-Hexanone	8.14	43	7693	5.65	ug/L #	67
59) 1,2,3-Trichloropropane	11.30	75	7608	4.44	ug/L #	86

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

ALS Vial : 21 Sample Multiplier: 1

Response via : Initial Calibration





#22

2-Butanone

Concen: 2.65 ug/L

RT: 4.03 min Scan# 978

Delta R.T. 0.01 min

Lab File: VV006067.D

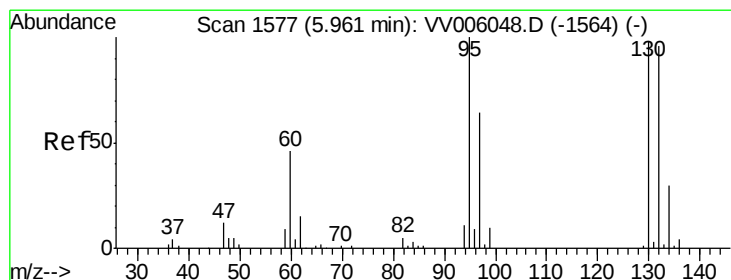
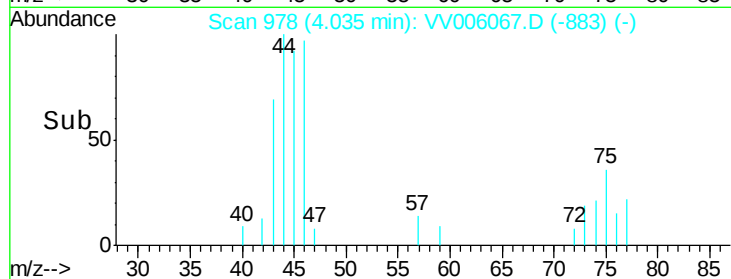
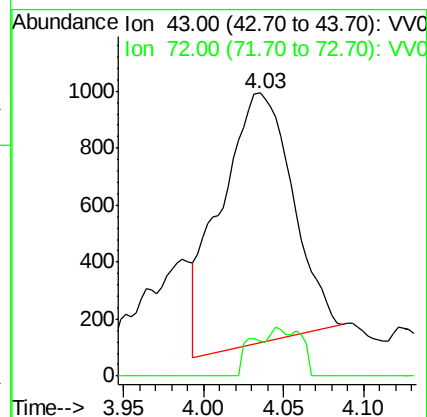
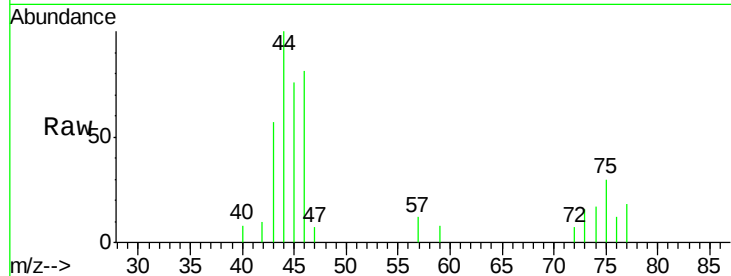
Acq: 26 May 2018 20:11

Tgt Ion: 43 Resp: 2709

Ion Ratio Lower Upper

43 100

72 4.4 12.4 37.0#



#34

Trichloroethene

Concen: 29.95 ug/L

RT: 5.96 min Scan# 1577

Delta R.T. 0.00 min

Lab File: VV006067.D

Acq: 26 May 2018 20:11

Tgt Ion: 95 Resp: 38673

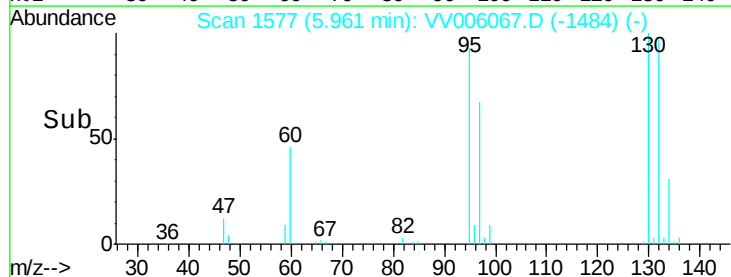
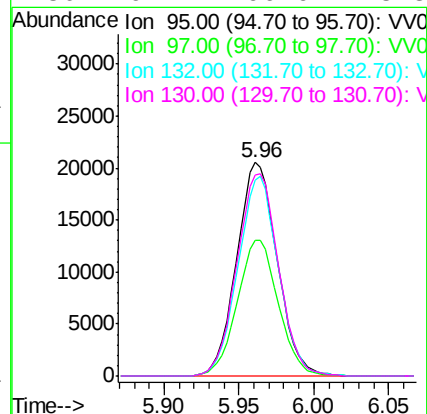
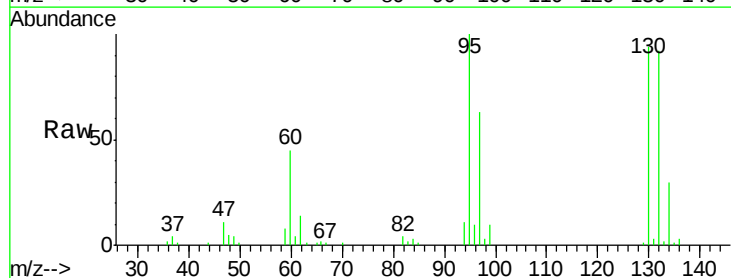
Ion Ratio Lower Upper

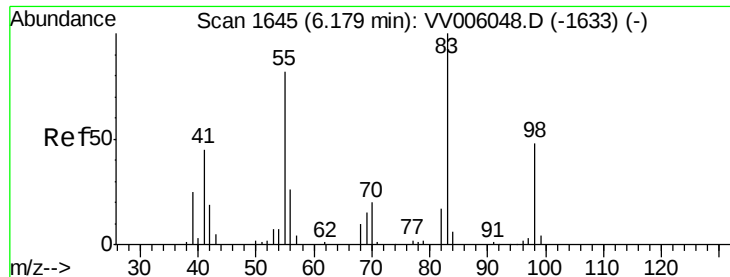
95 100

97 63.4 44.0 81.6

132 91.5 65.0 120.6

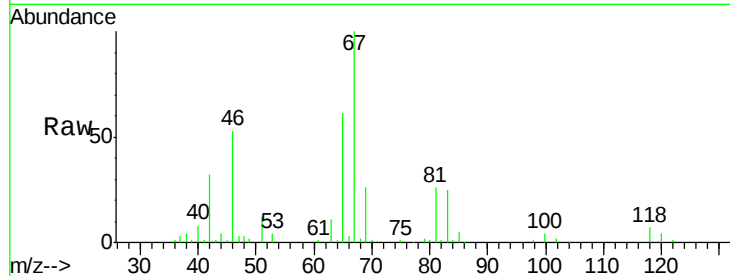
130 94.2 66.6 123.8



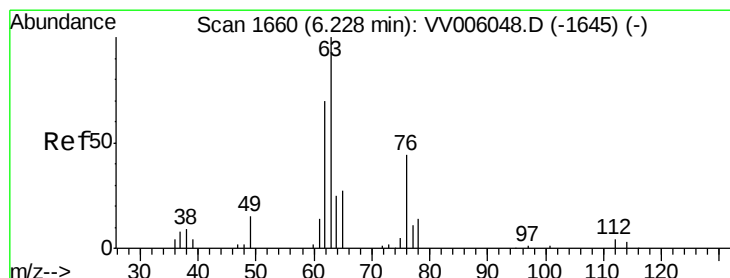
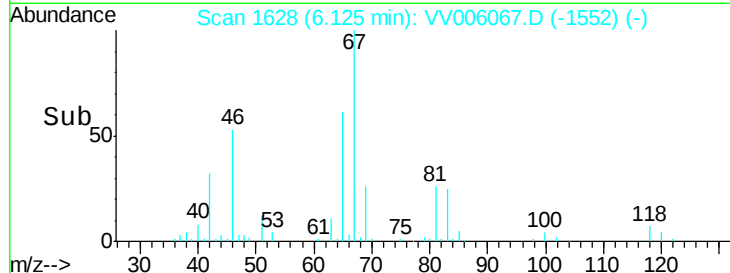
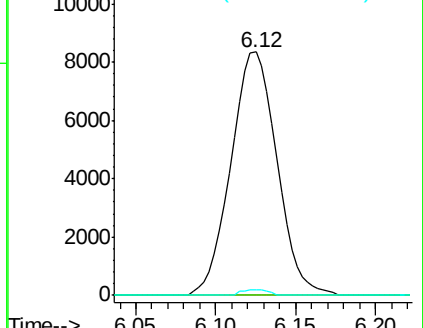


#35
Methylcyclohexane
Concen: 8.15 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.05 min
Lab File: VV006067.D
Acq: 26 May 2018 20:11

Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	63.1	94.7#
98	1.3	37.8	56.8#

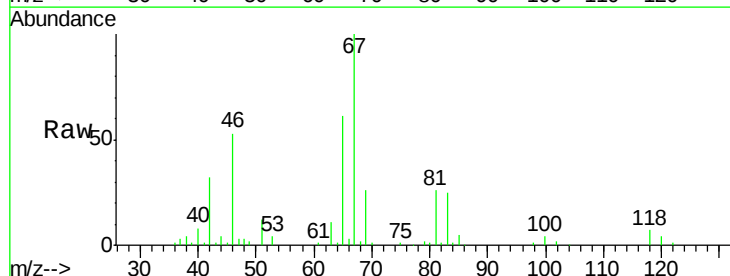


Abundance Ion 83.00 (82.70 to 83.70): VV006048.D (-1633) (-)

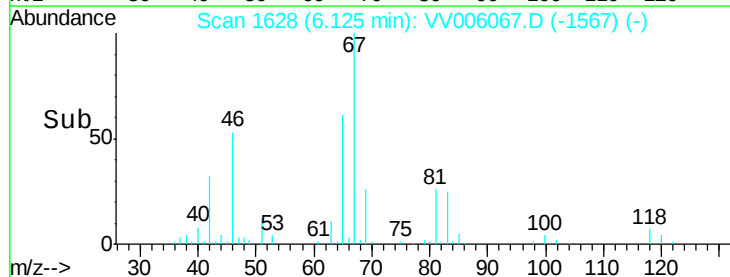
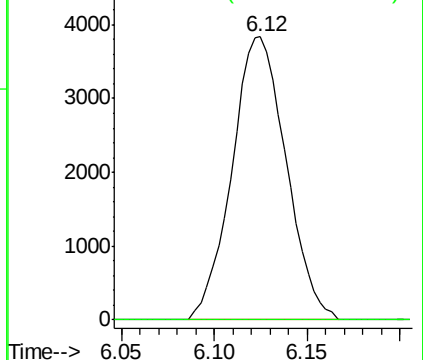


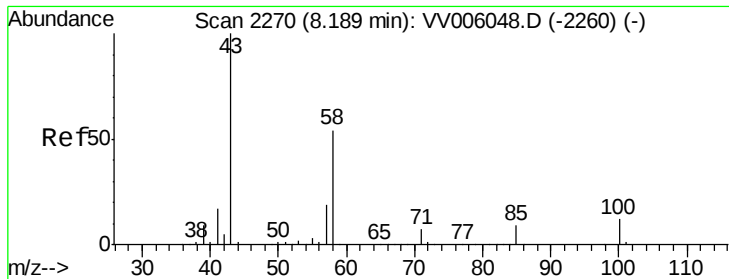
#37
1,2-Dichloropropane
Concen: 5.79 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VV006067.D
Acq: 26 May 2018 20:11

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



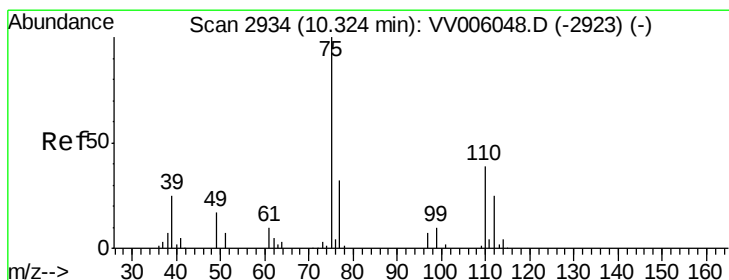
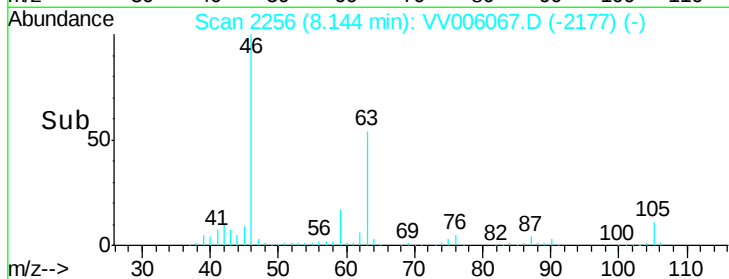
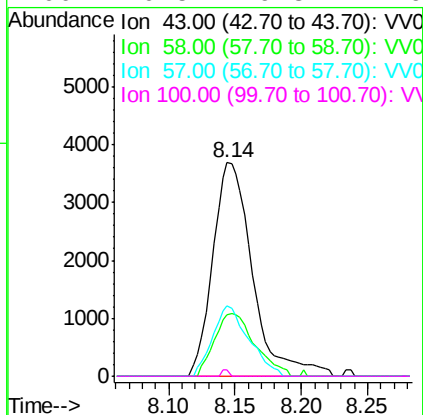
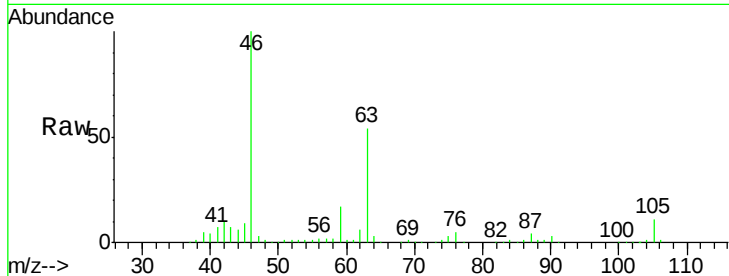
Abundance Ion 63.00 (62.70 to 63.70): VV006048.D (-1645) (-)





#48
 2-Hexanone
 Concen: 5.65 ug/L
 RT: 8.14 min Scan# 2256
 Delta R.T. -0.04 min
 Lab File: VV006067.D
 Acq: 26 May 2018 20:11

Tgt Ion: 43 Resp: 7693
 Ion Ratio Lower Upper
 43 100
 58 29.6 45.4 68.2#
 57 29.9 15.9 23.9#
 100 0.5 9.8 14.6#



#59
 1,2,3-Trichloropropane
 Concen: 4.44 ug/L
 RT: 11.30 min Scan# 3238
 Delta R.T. 0.98 min
 Lab File: VV006067.D
 Acq: 26 May 2018 20:11

Tgt Ion: 75 Resp: 7608
 Ion Ratio Lower Upper
 75 100
 77 40.0 25.8 38.6#

