

Data File : VV006097.D
Acq On : 27 May 2018 20:26
Operator : SY/MD
Sample : J3090-01 200X
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Quant Time: May 28 00:49:41 2018
Quant Method : W:\HPCHEM1\MSVOA_V\METHOD\SOMVLM052718WMA.M
Quant Title : VOC Analysis
QLast Update : Mon May 28 00:47:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	244683	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	221659	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	92550	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	96769	47.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.60%
7) Chloroethane-d5	1.55	69	38443	51.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.32%
11) 1,1-Dichloroethene-d2	2.12	63	141078	37.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.98%
21) 2-Butanone-d5	3.95	46	116132	112.38	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.38%
24) Chloroform-d	4.41	84	175955	49.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.04%
26) 1,2-Dichloroethane-d4	5.09	65	118778	51.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.00%
32) Benzene-d6	5.10	84	365977	51.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.20%
36) 1,2-Dichloropropane-d6	6.12	67	122803	51.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.96%
41) Toluene-d8	7.36	98	324412	48.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.58%
43) trans-1,3-Dichloropropene-	7.67	79	49153	48.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.68%
47) 2-Hexanone-d5	8.14	63	95148	103.02	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.02%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	163436	48.68	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.36%
64) 1,2-Dichlorobenzene-d4	11.68	152	126528	54.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.16%

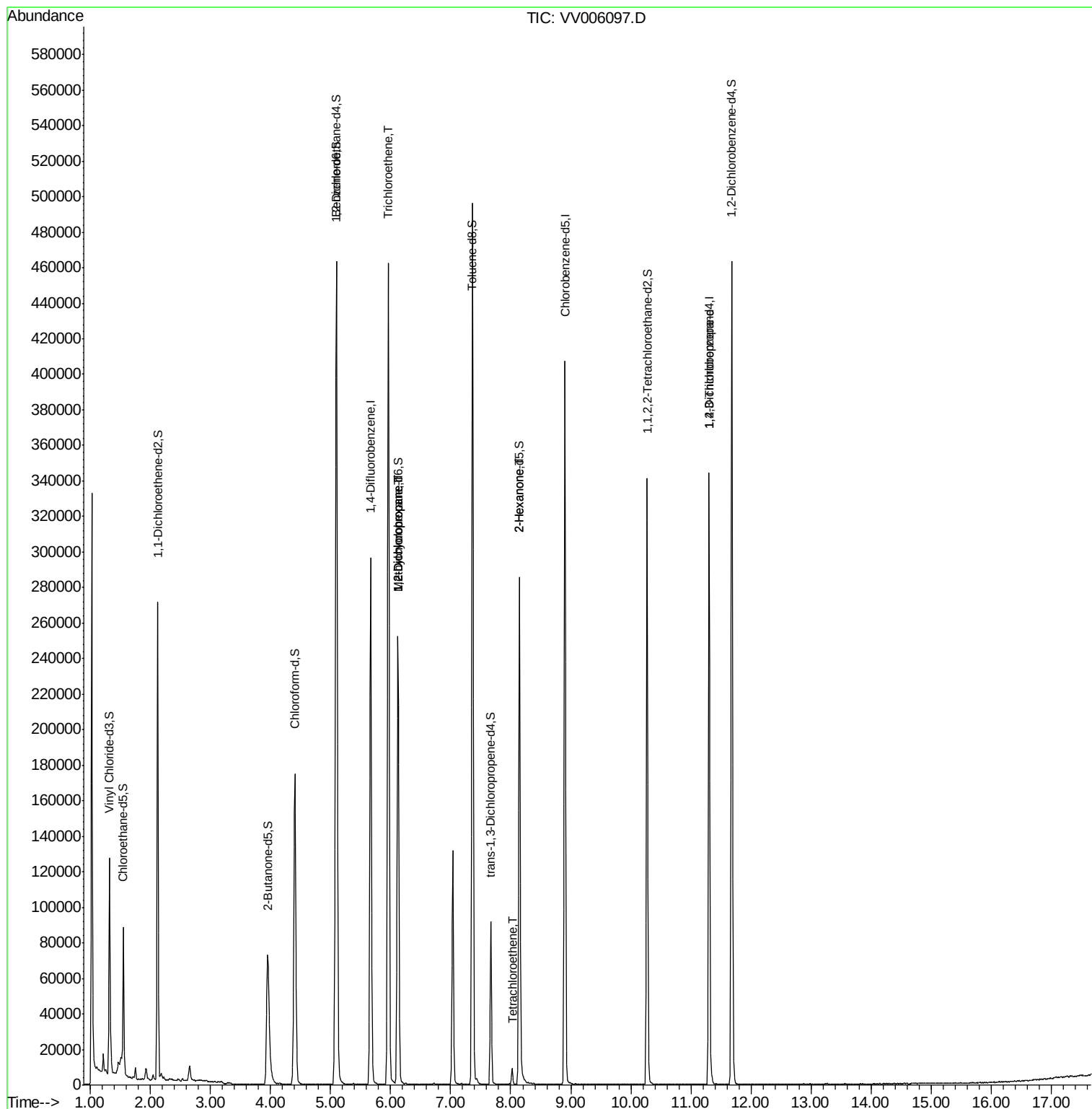
Target Compounds

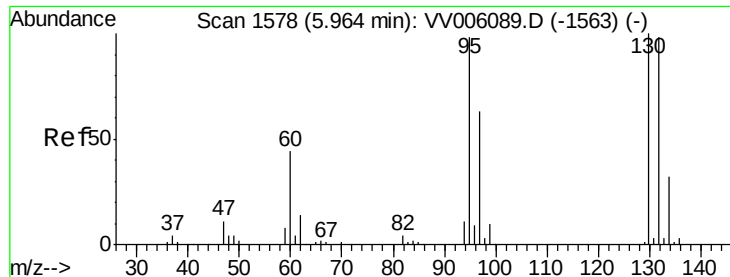
						Qvalue
34) Trichloroethene	5.96	95	160031	91.46	ug/L	99
35) Methylcyclohexane	6.12	83	28298	9.98	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	12960	6.81	ug/L #	88
46) Tetrachloroethene	8.03	164	2206	1.51	ug/L	96
48) 2-Hexanone	8.14	43	12365	6.00	ug/L #	74
59) 1,2,3-Trichloropropane	11.30	75	10323	4.36	ug/L #	85

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

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#34

Trichloroethene

Concen: 91.46 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. -0.00 min

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Acq: 27 May 2018 20:26

Tgt Ion: 95 Resp: 160031

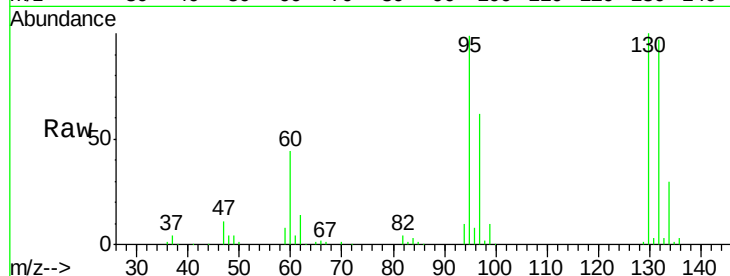
Ion Ratio Lower Upper

95 100

97 63.0 45.4 84.4

132 97.8 69.0 128.2

130 101.0 71.2 132.2

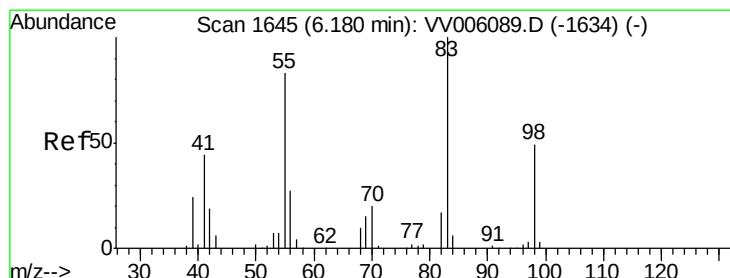
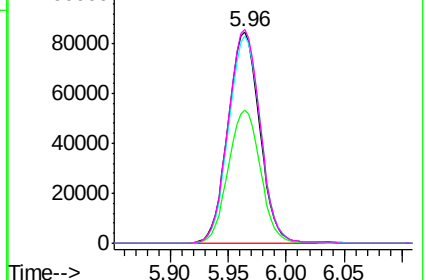
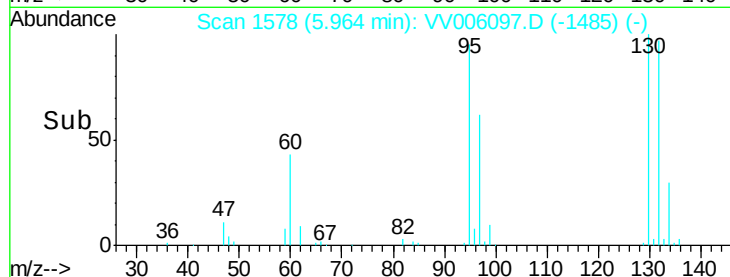


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#35

Methylcyclohexane

Concen: 9.98 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.05 min

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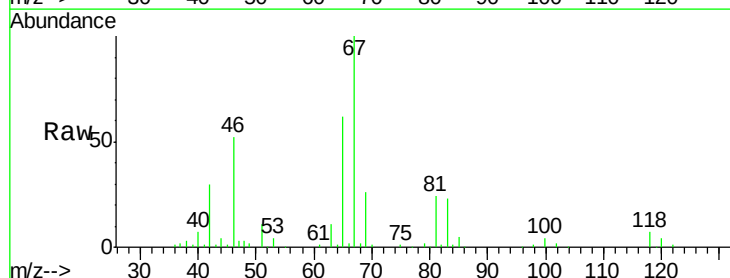
Tgt Ion: 83 Resp: 28298

Ion Ratio Lower Upper

83 100

55 0.1 62.8 94.2#

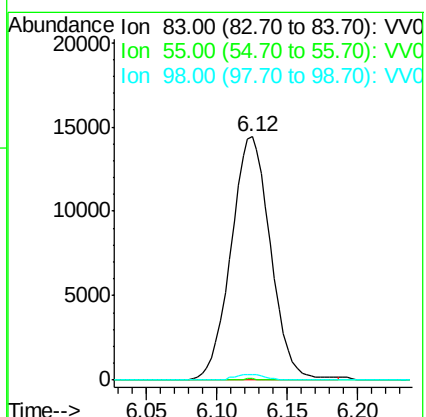
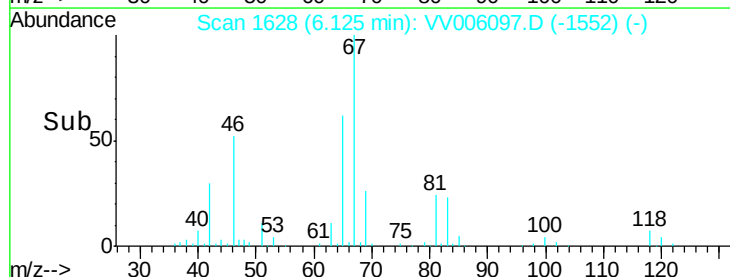
98 1.6 37.5 56.3#

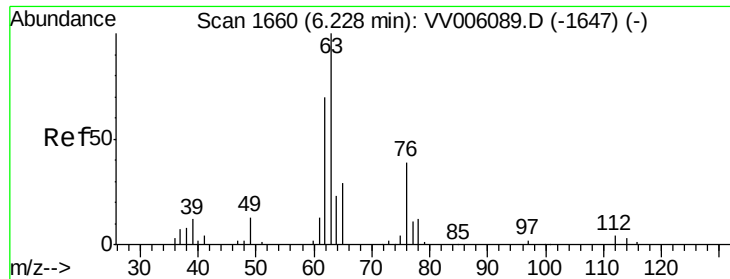


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

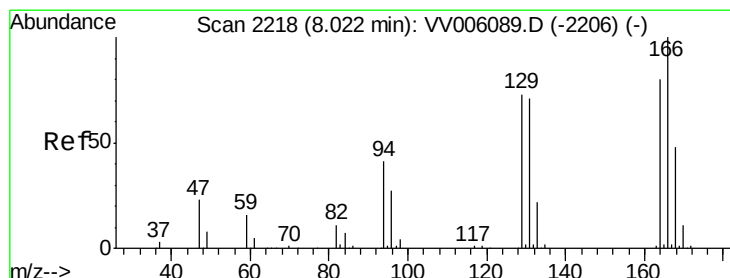
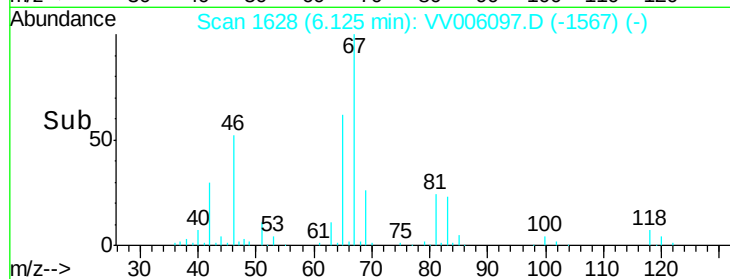
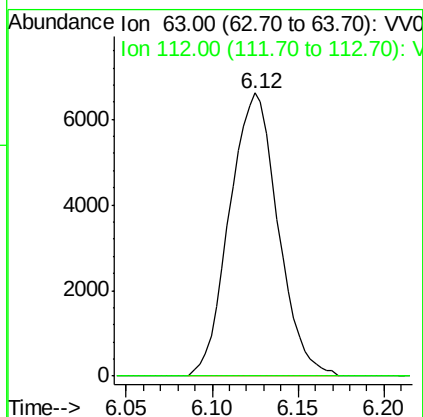
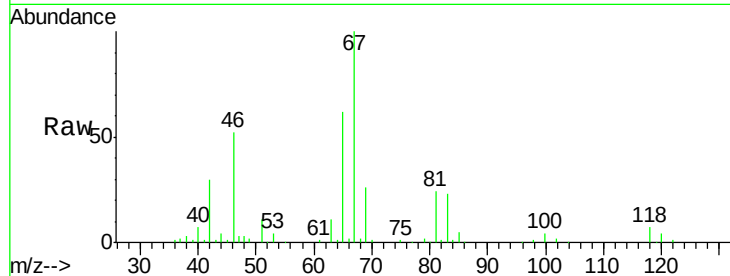
Ion 98.00 (97.70 to 98.70): VV0





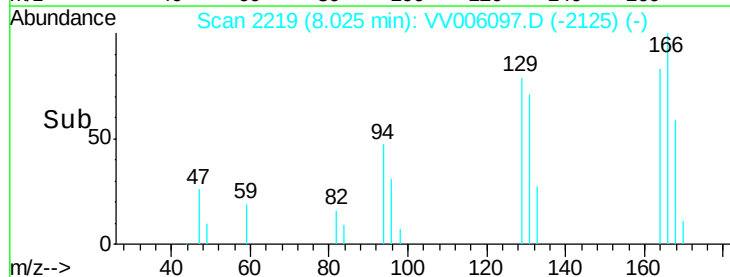
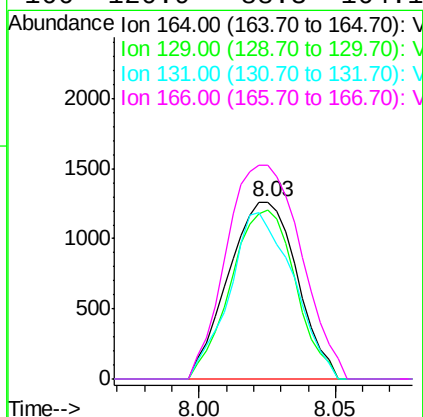
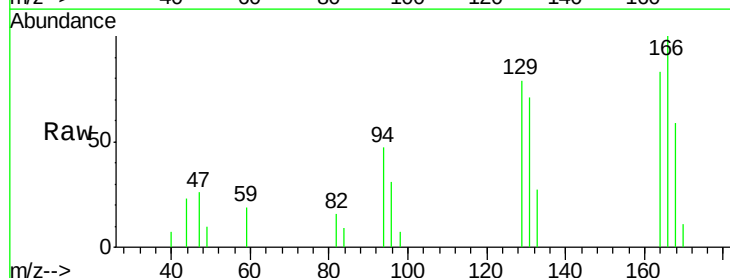
#37
 1,2-Dichloropropane
 Concen: 6.81 ug/L
 RT: 6.12 min Scan# 1628
 Delta R.T. -0.10 min
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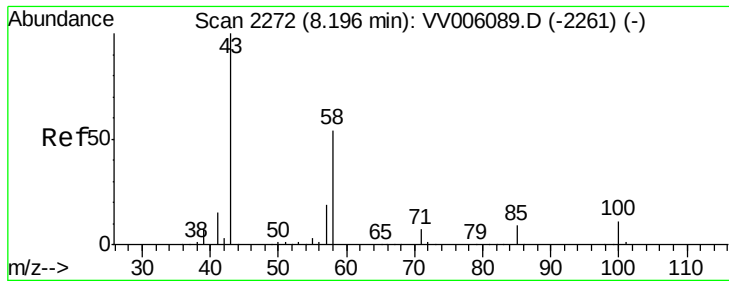
Tgt Ion: 63 Resp: 12960
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#46
 Tetrachloroethene
 Concen: 1.51 ug/L
 RT: 8.03 min Scan# 2219
 Delta R.T. 0.00 min
 Lab File: VV006097.D
 Acq: 27 May 2018 20:26

Tgt Ion: 164 Resp: 2206
 Ion Ratio Lower Upper
 164 100
 129 95.8 63.9 118.7
 131 85.5 61.6 114.4
 166 120.9 88.3 164.1





#48

2-Hexanone

Concen: 6.00 ug/L

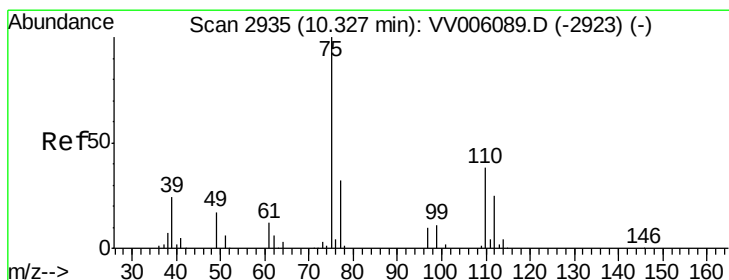
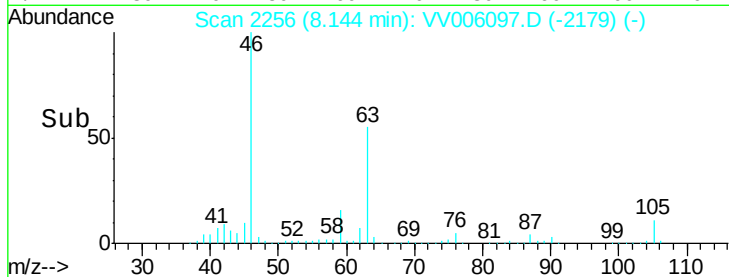
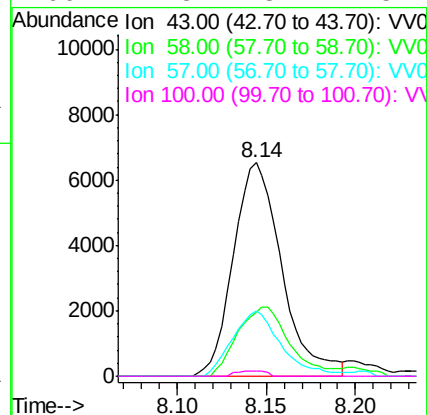
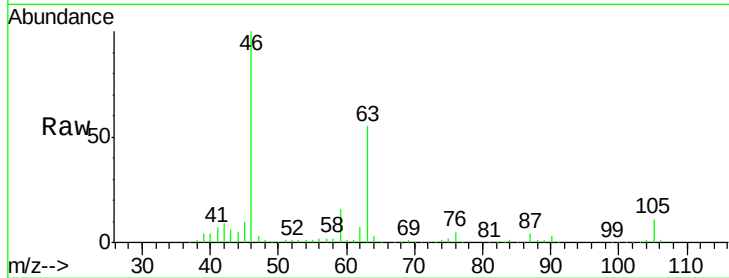
RT: 8.14 min Scan# 2256

Delta R.T. -0.05 min

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Tgt Ion:	43	Resp:	12365
Ion	Ratio	Lower	Upper
43	100		
58	34.2	42.2	63.4#
57	30.1	14.5	21.7#
100	1.3	8.7	13.1#



#59

1,2,3-Trichloropropane

Concen: 4.36 ug/L

RT: 11.30 min Scan# 3238

Delta R.T. 0.97 min

Lab File: VV006097.D

Acq: 27 May 2018 20:26

Tgt Ion:	75	Resp:	10323
Ion	Ratio	Lower	Upper
75	100		
77	40.4	25.8	38.8#

