

Data File : VV006075.D
Acq On : 27 May 2018 00:55
Operator : SY/MD
Sample : J3092-14 100X
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 32 Sample Multiplier: 1

Quant Time: May 28 04:17:37 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	166449	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	153907	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	60356	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	49585	42.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.30%
7) Chloroethane-d5	1.55	69	11922	14.50	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	29.00%#
11) 1,1-Dichloroethene-d2	2.12	63	71965	33.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.52%
21) 2-Butanone-d5	3.95	46	51449	77.27	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	77.27%
24) Chloroform-d	4.41	84	97924	44.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.38%
26) 1,2-Dichloroethane-d4	5.09	65	67864	47.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.88%
32) Benzene-d6	5.10	84	193095	47.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.38%
36) 1,2-Dichloropropane-d6	6.12	67	62610	48.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.38%
41) Toluene-d8	7.36	98	164187	43.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.76%
43) trans-1,3-Dichloropropene-	7.67	79	25096	41.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.88%
47) 2-Hexanone-d5	8.14	63	49729	97.38	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.38%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	88305	49.43	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.86%
64) 1,2-Dichlorobenzene-d4	11.68	152	61359	51.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.22%

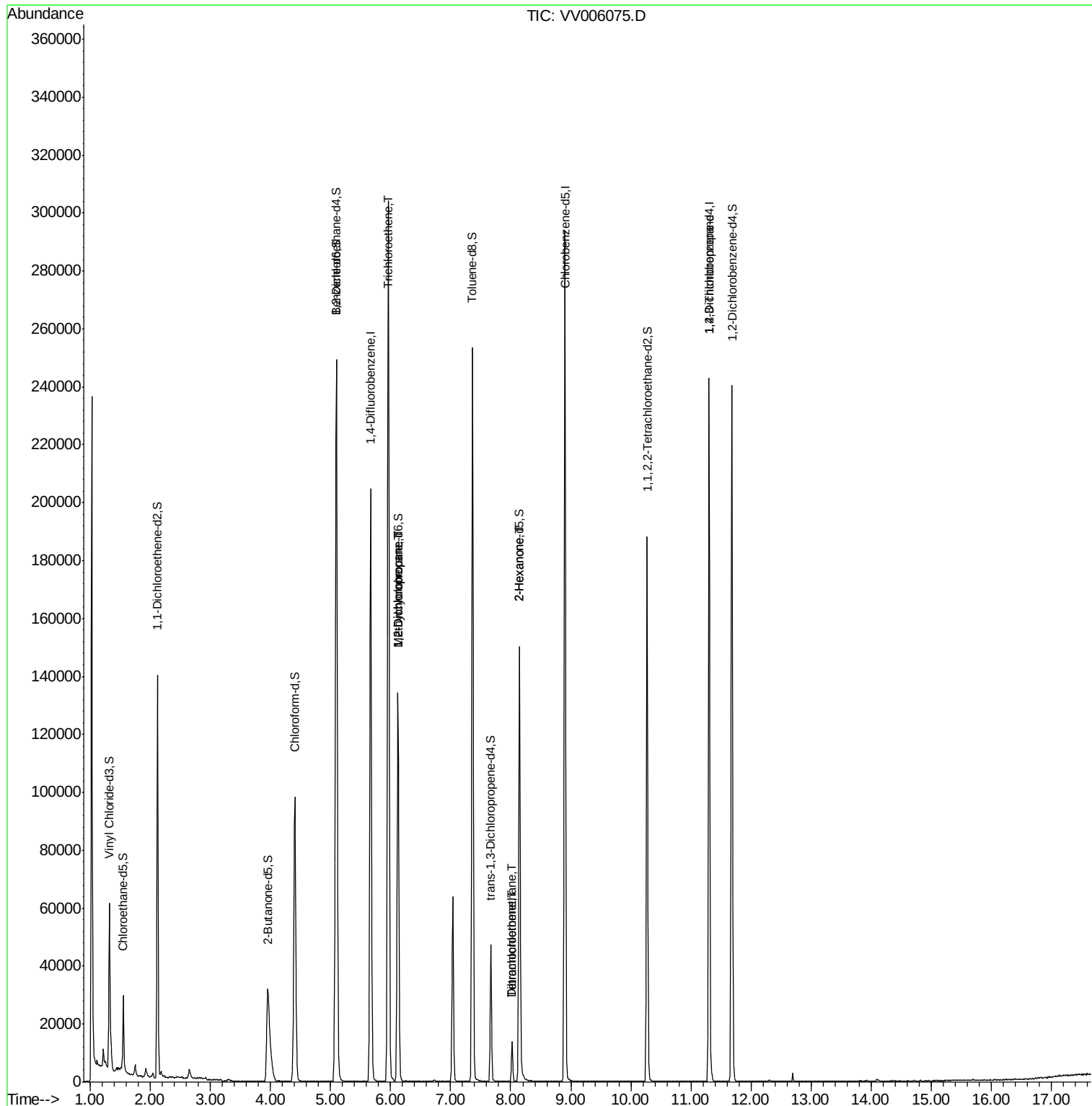
Target Compounds

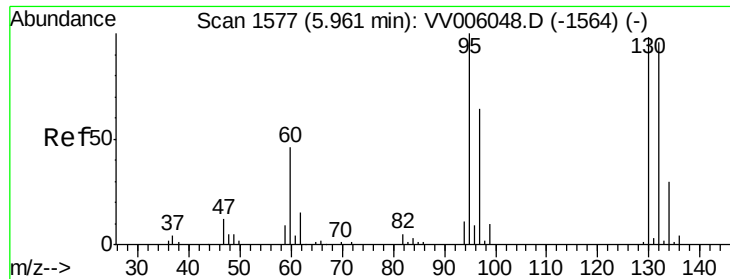
						Qvalue
34) Trichloroethene	5.96	95	106664	85.93	ug/L	98
35) Methylcyclohexane	6.12	83	15028	7.77	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	7204	5.57	ug/L #	87
46) Tetrachloroethene	8.02	164	3015	3.23	ug/L	97
48) 2-Hexanone	8.14	43	6544	5.00	ug/L #	69
49) Dibromochloromethane	8.02	129	2888	2.21	ug/L #	10
59) 1,2,3-Trichloropropane	11.30	75	7268	4.41	ug/L #	84

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

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#34

Trichloroethene

Concen: 85.93 ug/L

RT: 5.96 min Scan# 1577

Delta R.T. 0.00 min

Lab File: VV006075.D

Acq: 27 May 2018 00:55

Tgt Ion: 95 Resp: 106664

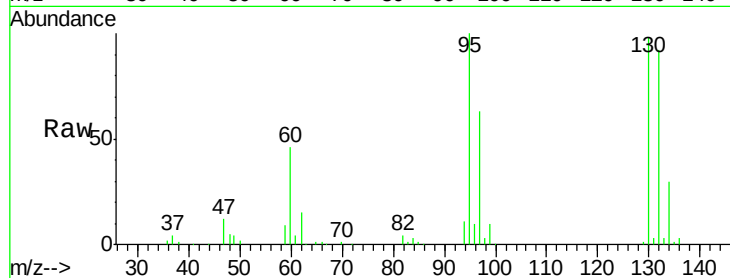
Ion Ratio Lower Upper

95 100

97 63.5 44.0 81.6

132 92.3 65.0 120.6

130 98.3 66.6 123.8

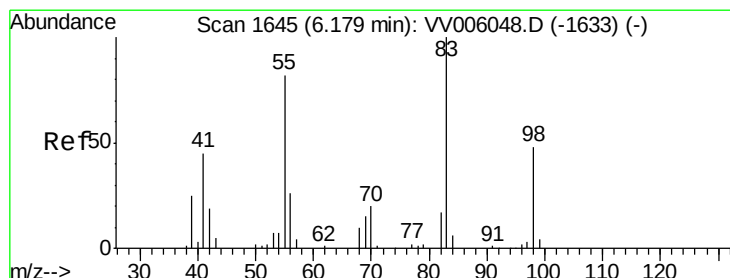
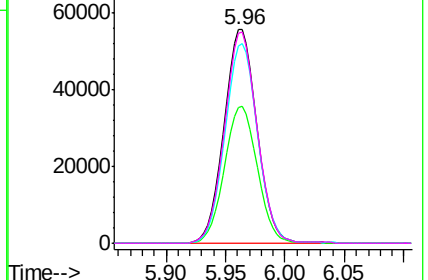
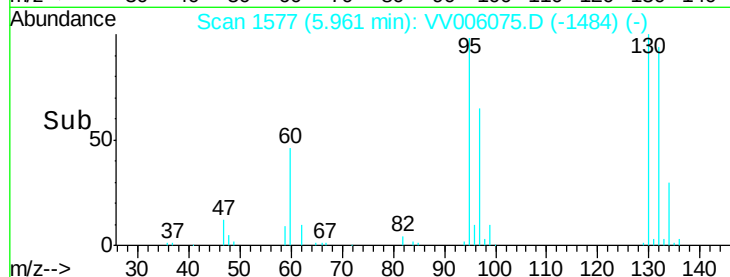


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 7.77 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.05 min

Lab File: VV006075.D

Acq: 27 May 2018 00:55

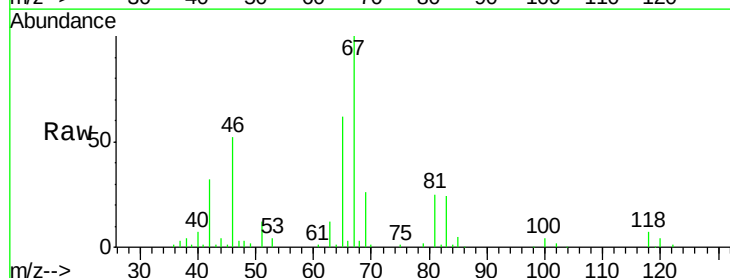
Tgt Ion: 83 Resp: 15028

Ion Ratio Lower Upper

83 100

55 0.0 63.1 94.7#

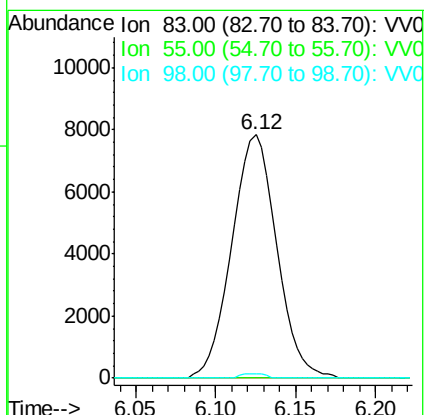
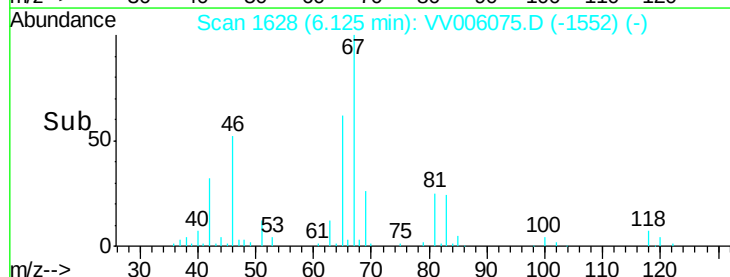
98 1.0 37.8 56.8#

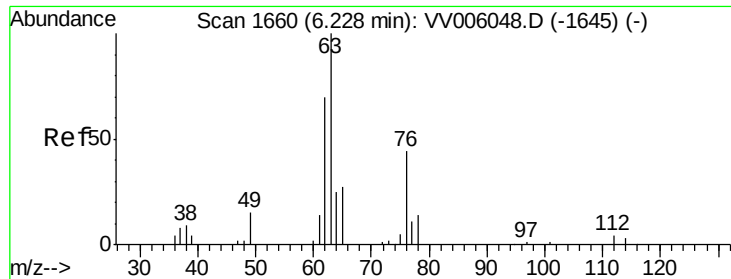


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

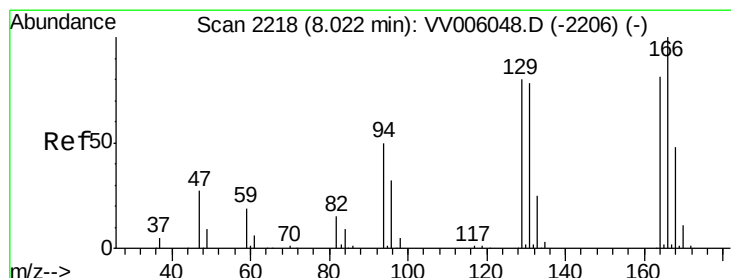
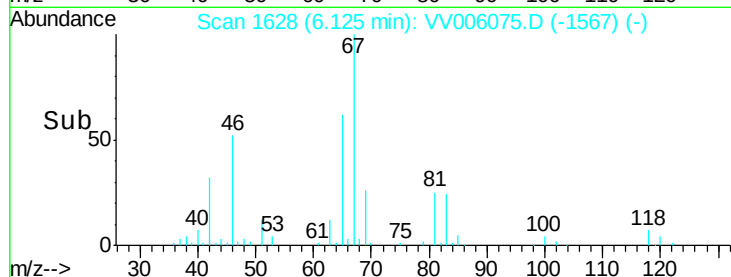
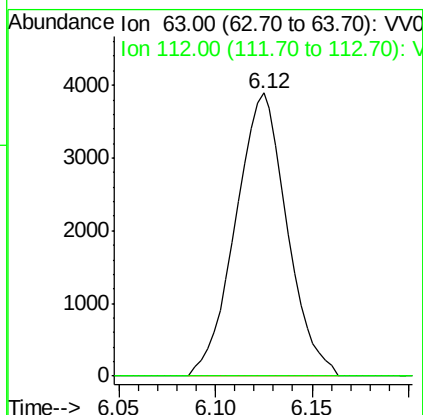
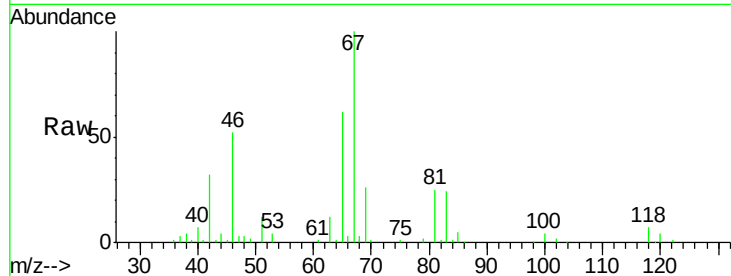
Ion 98.00 (97.70 to 98.70): VV0





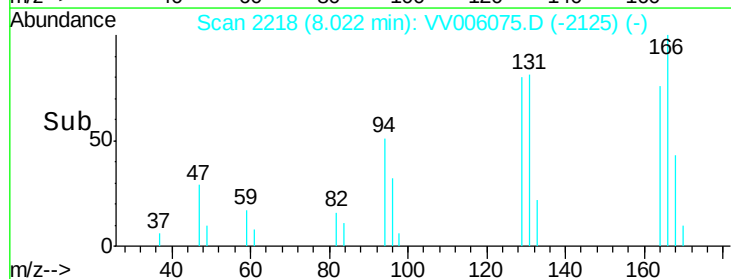
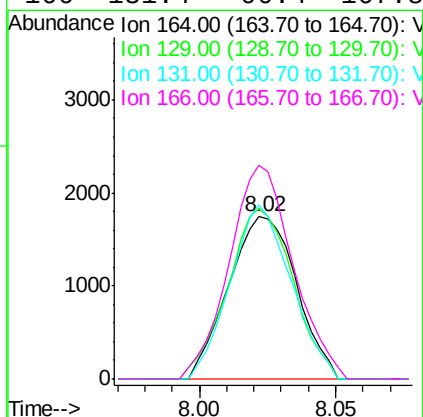
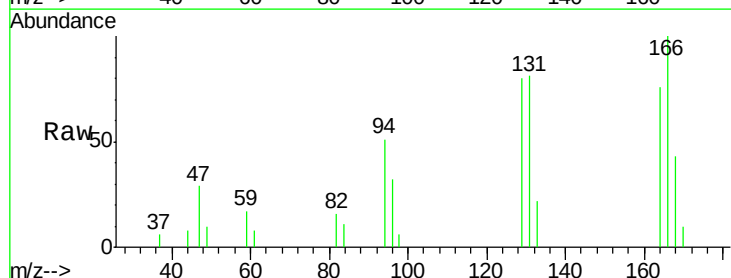
#37
 1,2-Dichloropropane
 Concen: 5.57 ug/L
 RT: 6.12 min Scan# 1628
 Delta R.T. -0.10 min
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 Acq: 27 May 2018 00:55

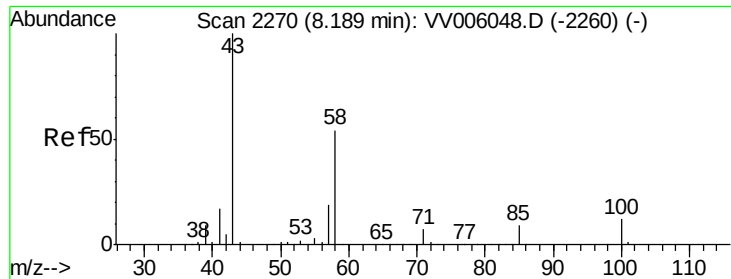
Tgt Ion: 63 Resp: 7204
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#46
 Tetrachloroethene
 Concen: 3.23 ug/L
 RT: 8.02 min Scan# 2218
 Delta R.T. 0.00 min
 Lab File: VV006075.D
 Acq: 27 May 2018 00:55

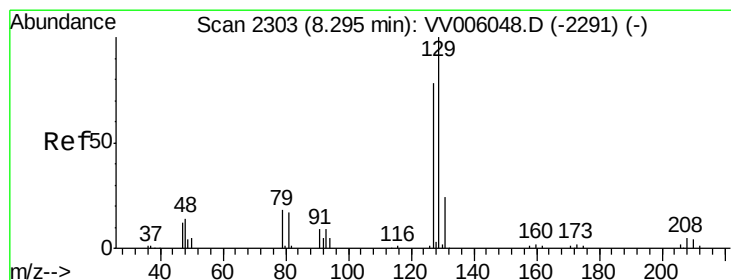
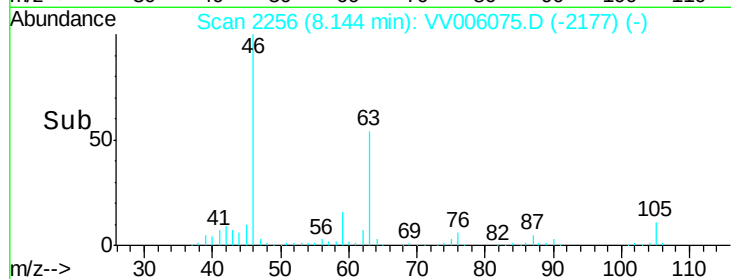
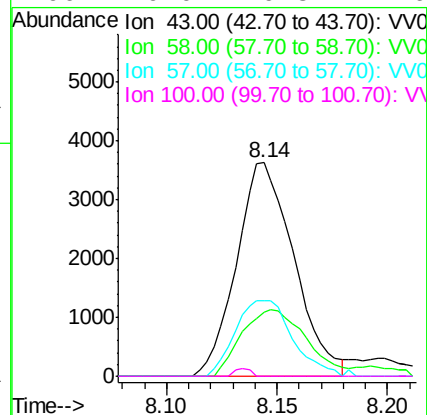
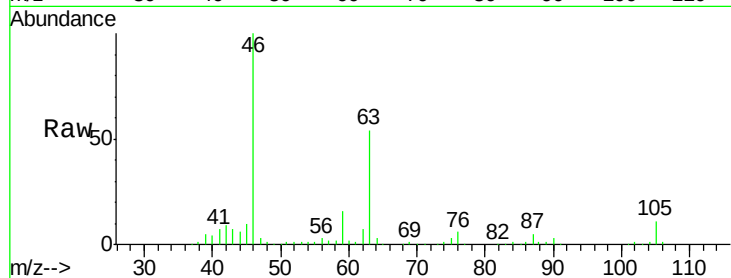
Tgt Ion: 164 Resp: 3015
 Ion Ratio Lower Upper
 164 100
 129 104.6 72.2 134.2
 131 107.1 70.0 130.0
 166 131.4 90.4 167.8





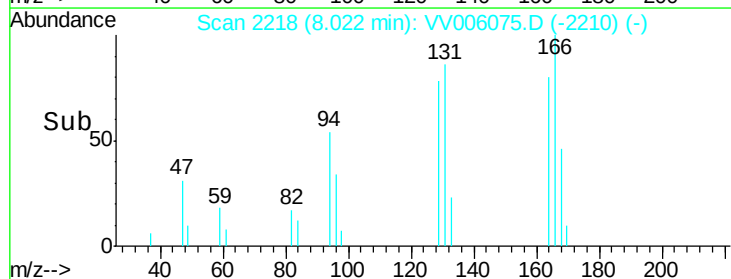
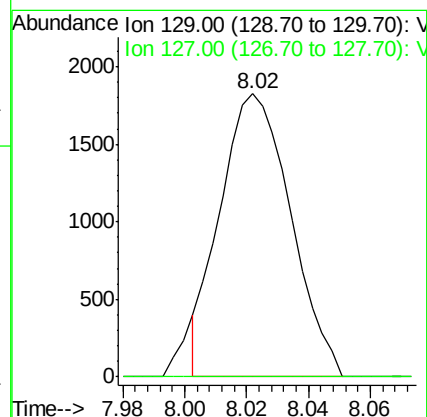
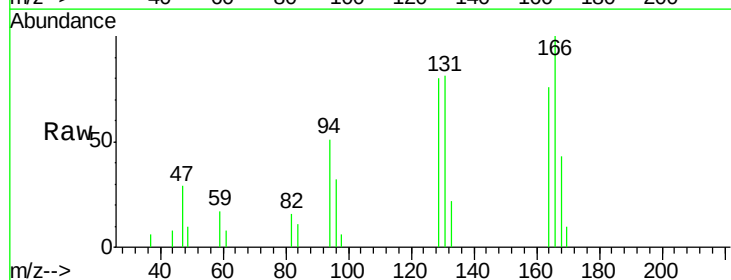
#48
2-Hexanone
Concen: 5.00 ug/L
RT: 8.14 min Scan# 2256
Delta R.T. -0.04 min
Lab File: VV006075.D
Acq: 27 May 2018 00:55

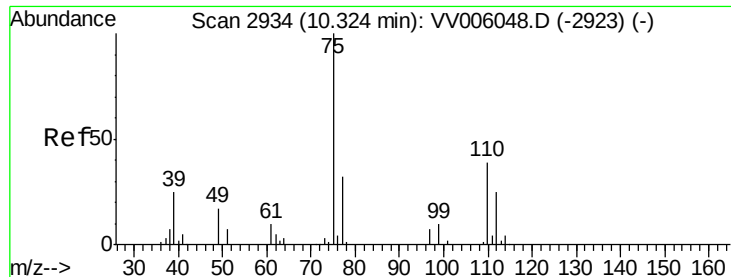
Tgt Ion: 43 Resp: 6544
Ion Ratio Lower Upper
43 100
58 35.0 45.4 68.2#
57 35.2 15.9 23.9#
100 0.0 9.8 14.6#



#49
Dibromochloromethane
Concen: 2.21 ug/L
RT: 8.02 min Scan# 2218
Delta R.T. -0.27 min
Lab File: VV006075.D
Acq: 27 May 2018 00:55

Tgt Ion: 129 Resp: 2888
Ion Ratio Lower Upper
129 100
127 0.0 54.8 101.8#





#59

1,2,3-Trichloropropane

Concen: 4.41 ug/L

RT: 11.30 min Scan# 3238

Delta R.T. 0.98 min

Lab File: VV006075.D

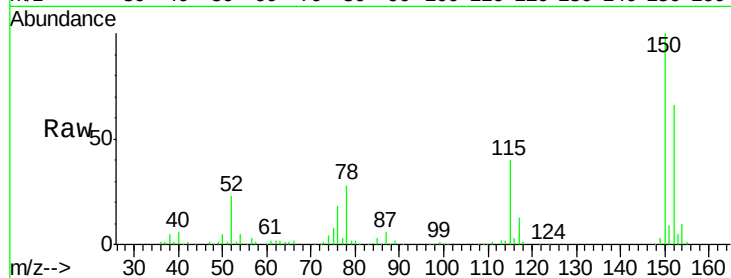
Acq: 27 May 2018 00:55

Tgt Ion: 75 Resp: 7268

Ion Ratio Lower Upper

75 100

77 41.4 25.8 38.6#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

