

Data File : VV006051.D
Acq On : 26 May 2018 13:17
Operator : SY/MD
Sample : J3090-02 100X
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 28 02:04:36 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	169079	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	153040	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	61998	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	39020	33.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.08%
7) Chloroethane-d5	1.55	69	11342	13.58	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	27.16%#
11) 1,1-Dichloroethene-d2	2.13	63	57092	25.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	51.94%#
21) 2-Butanone-d5	3.95	46	42215	62.41	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	62.41%
24) Chloroform-d	4.41	84	76614	34.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	68.84%#
26) 1,2-Dichloroethane-d4	5.09	65	50375	34.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	69.34%#
32) Benzene-d6	5.10	84	149754	36.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	73.62%
36) 1,2-Dichloropropane-d6	6.12	67	47610	36.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	73.70%
41) Toluene-d8	7.36	98	127496	33.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	67.76%#
43) trans-1,3-Dichloropropene-	7.67	79	19784	33.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.50%
47) 2-Hexanone-d5	8.14	63	35974	70.84	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	70.84%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	64159	36.11	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	72.22%
64) 1,2-Dichlorobenzene-d4	11.68	152	46574	37.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	75.54%#

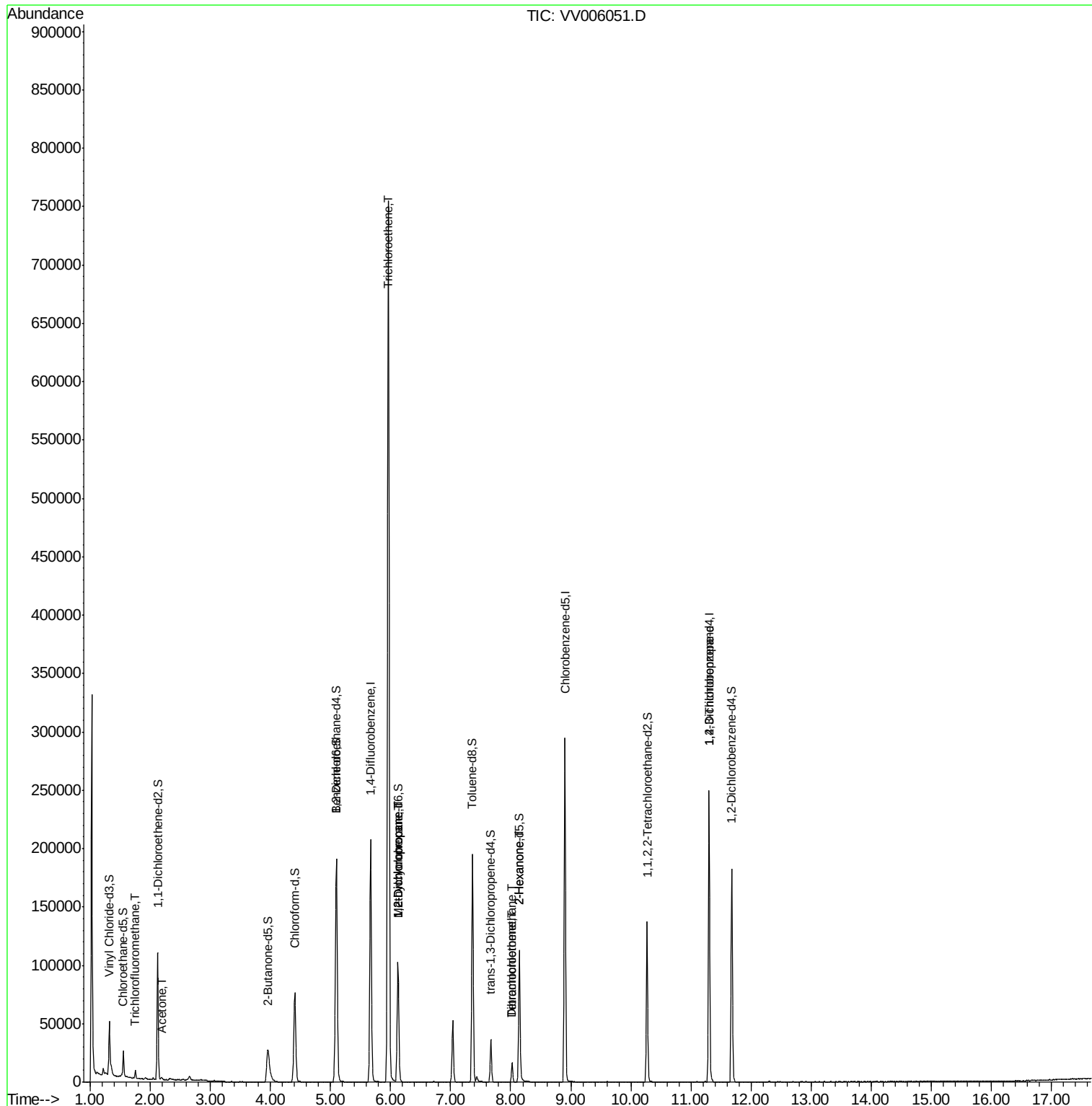
Target Compounds

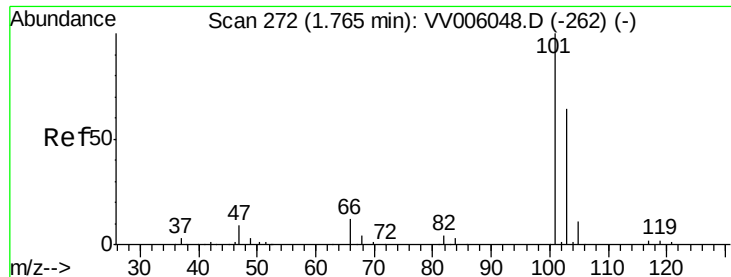
						Qvalue
9) Trichlorofluoromethane	1.75	101	3356	1.67	ug/L	99
13) Acetone	2.20	43	883	1.27	ug/L	65
34) Trichloroethene	5.96	95	263835	213.75	ug/L	99
35) Methylcyclohexane	6.12	83	11770	6.12	ug/L #	17
37) 1,2-Dichloropropane	6.12	63	5274	4.10	ug/L #	87
46) Tetrachloroethene	8.02	164	3676	3.96	ug/L	96
48) 2-Hexanone	8.14	43	4986	3.83	ug/L #	70
49) Dibromochloromethane	8.03	129	3562	2.75	ug/L #	10
59) 1,2,3-Trichloropropane	11.30	75	7680	4.69	ug/L #	87

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

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#9

Trichlorofluoromethane

Concen: 1.67 ug/L

RT: 1.75 min Scan# 268

Delta R.T. -0.01 min

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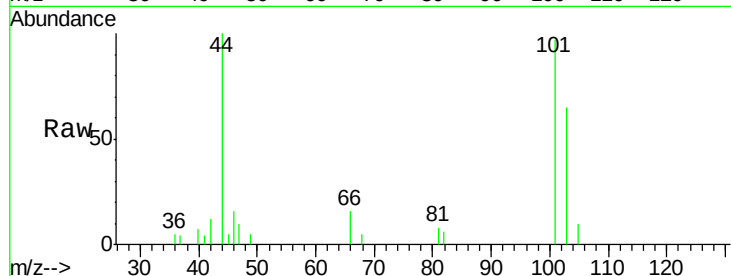
Acq: 26 May 2018 13:17

Tgt Ion: 101 Resp: 3356

Ion Ratio Lower Upper

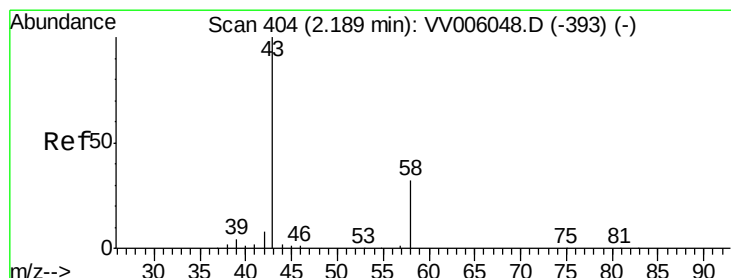
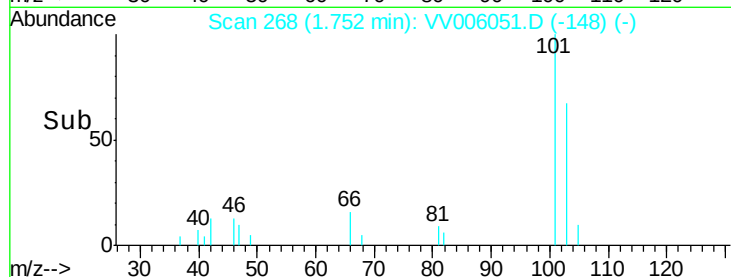
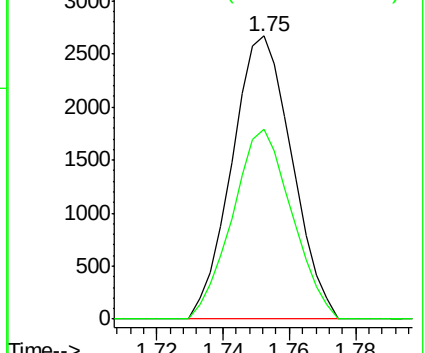
101 100

103 66.5 52.6 78.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#13

Acetone

Concen: 1.27 ug/L

RT: 2.20 min Scan# 406

Delta R.T. 0.01 min

Lab File: VV006051.D

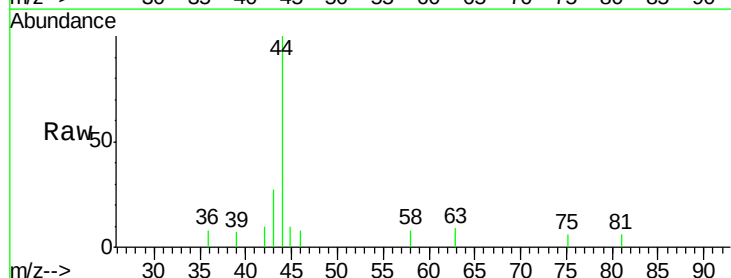
Acq: 26 May 2018 13:17

Tgt Ion: 43 Resp: 883

Ion Ratio Lower Upper

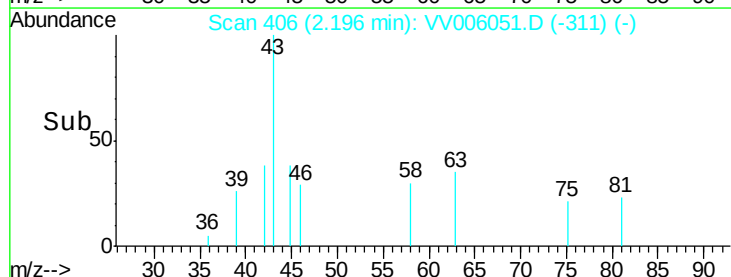
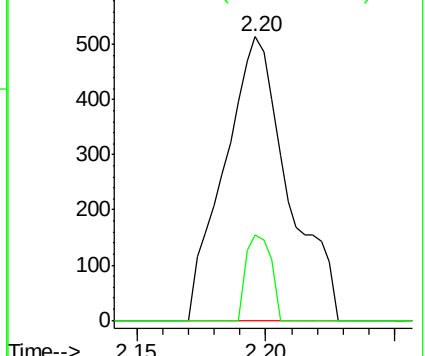
43 100

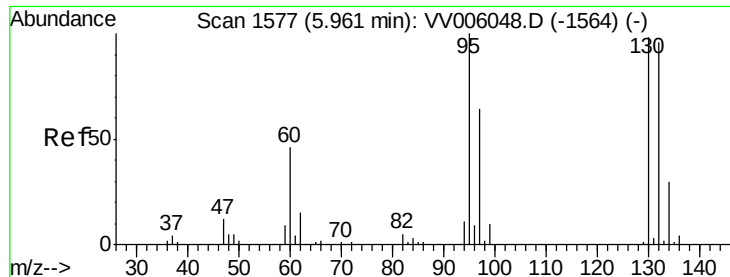
58 11.8 0.0 61.6



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0





#34

Trichloroethene

Concen: 213.75 ug/L

RT: 5.96 min Scan# 1577

Delta R.T. 0.00 min

Lab File: VV006051.D

Acq: 26 May 2018 13:17

Tgt Ion: 95 Resp: 263835

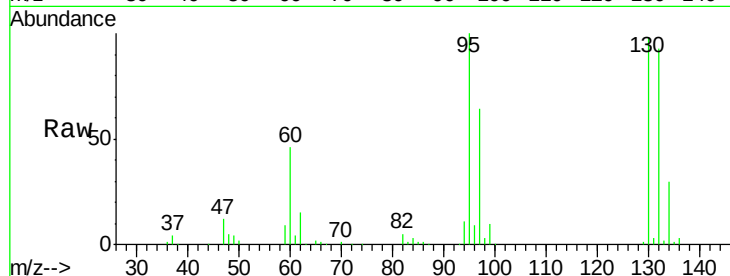
Ion Ratio Lower Upper

95 100

97 63.7 44.0 81.6

132 92.9 65.0 120.6

130 97.9 66.6 123.8

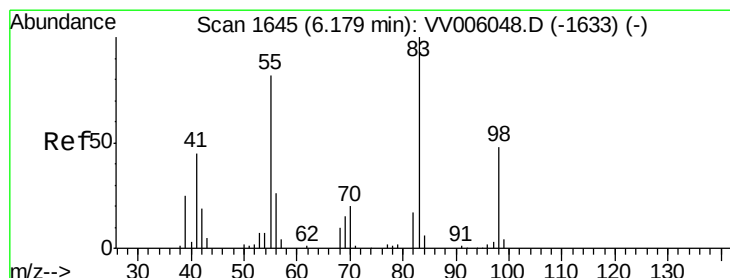
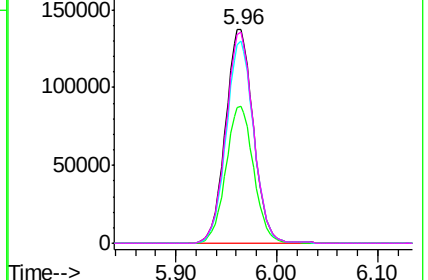
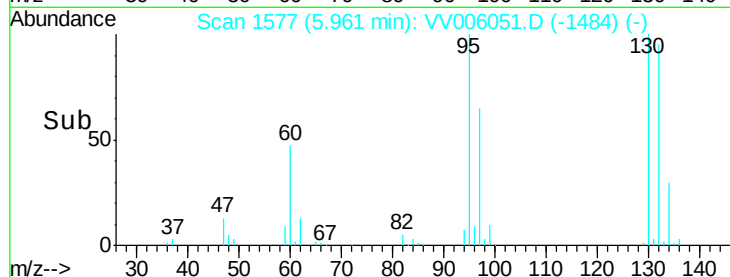


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 6.12 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.05 min

Lab File: VV006051.D

Acq: 26 May 2018 13:17

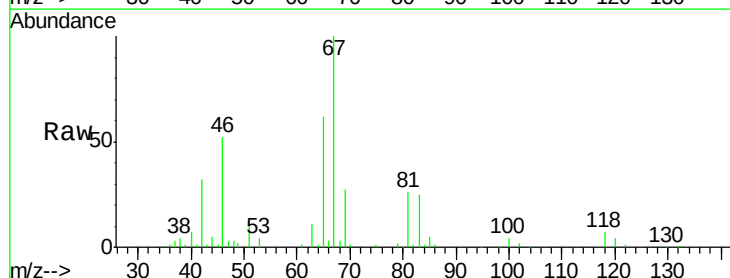
Tgt Ion: 83 Resp: 11770

Ion Ratio Lower Upper

83 100

55 0.0 63.1 94.7#

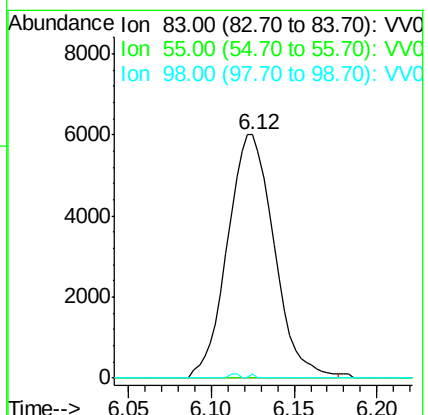
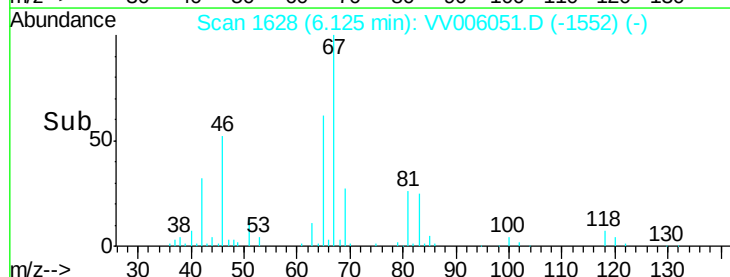
98 0.3 37.8 56.8#

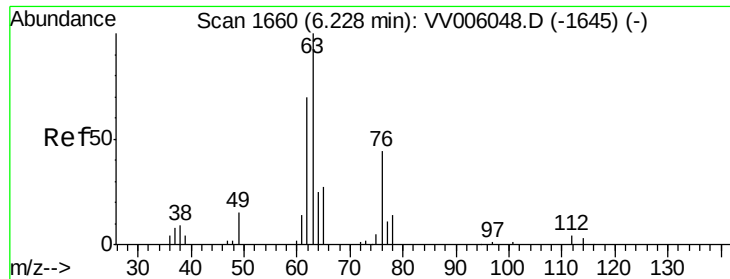


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

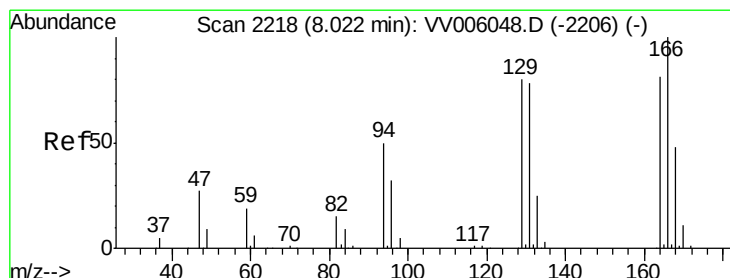
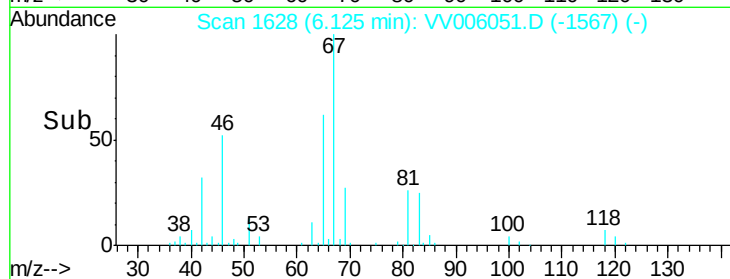
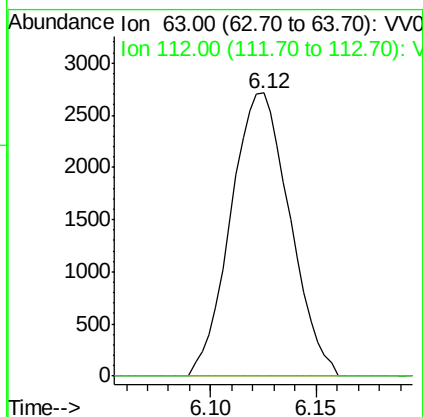
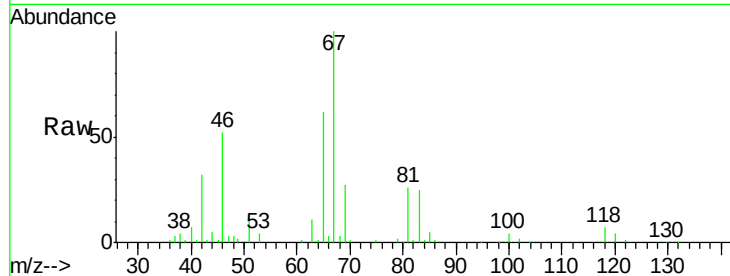
Ion 98.00 (97.70 to 98.70): VV0





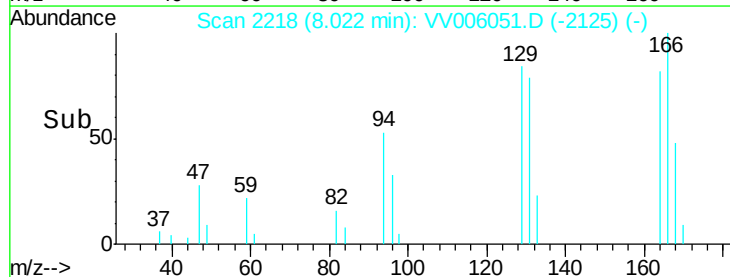
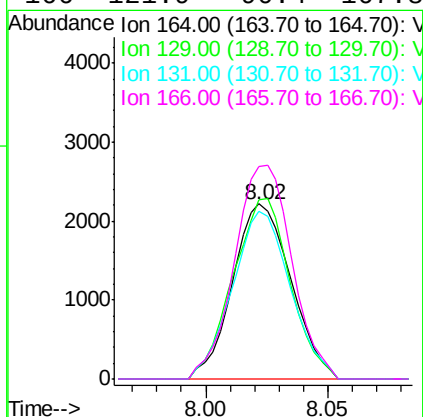
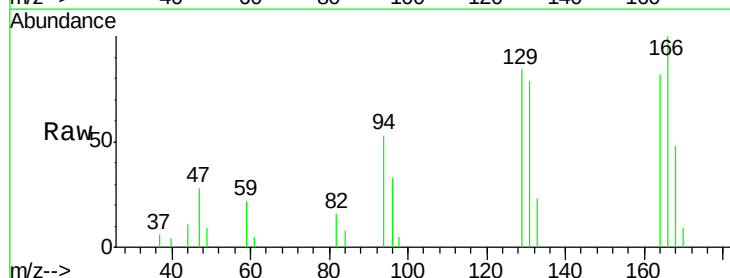
#37
 1,2-Dichloropropane
 Concen: 4.10 ug/L
 RT: 6.12 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VV006051.D
 Acq: 26 May 2018 13:17

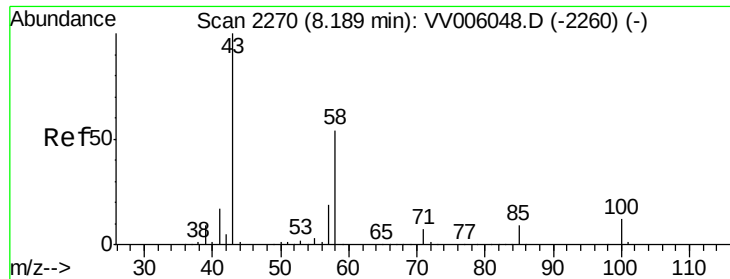
Tgt Ion: 63 Resp: 5274
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#46
 Tetrachloroethene
 Concen: 3.96 ug/L
 RT: 8.02 min Scan# 2218
 Delta R.T. 0.00 min
 Lab File: VV006051.D
 Acq: 26 May 2018 13:17

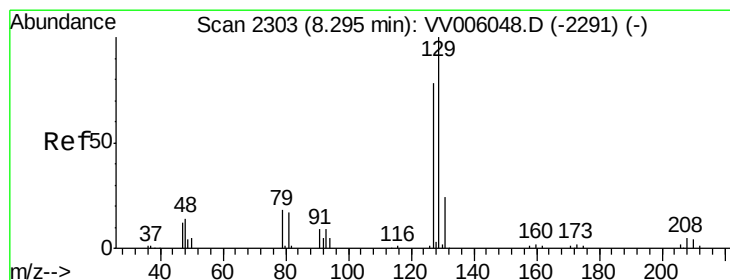
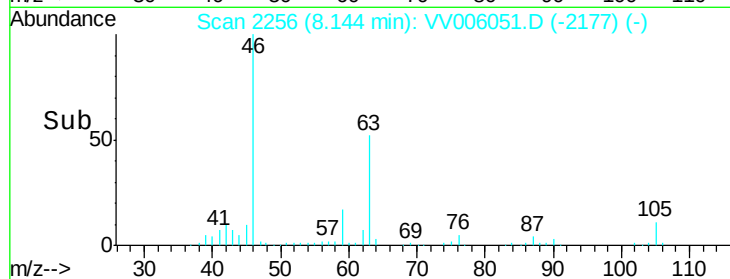
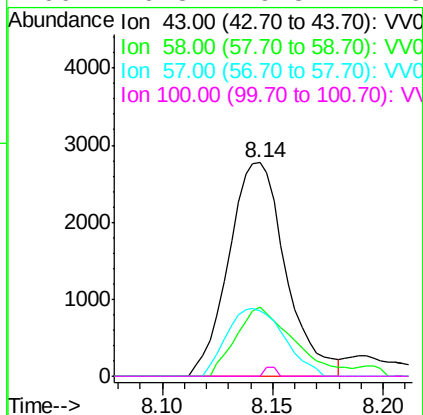
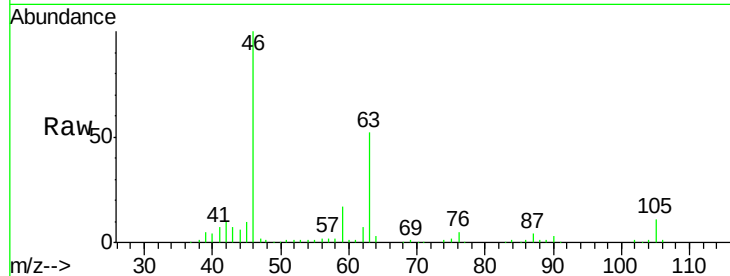
Tgt Ion: 164 Resp: 3676
 Ion Ratio Lower Upper
 164 100
 129 102.4 72.2 134.2
 131 96.0 70.0 130.0
 166 121.9 90.4 167.8





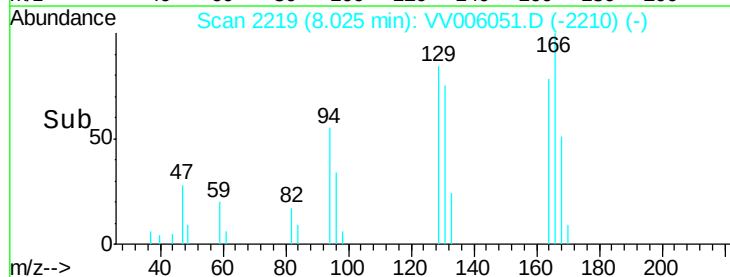
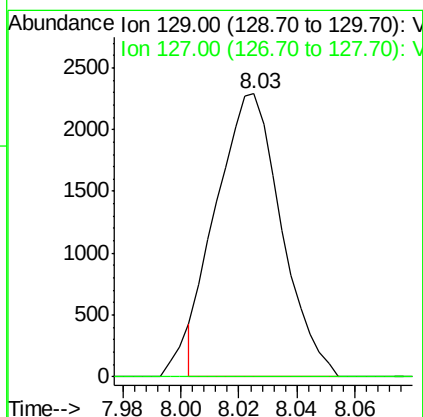
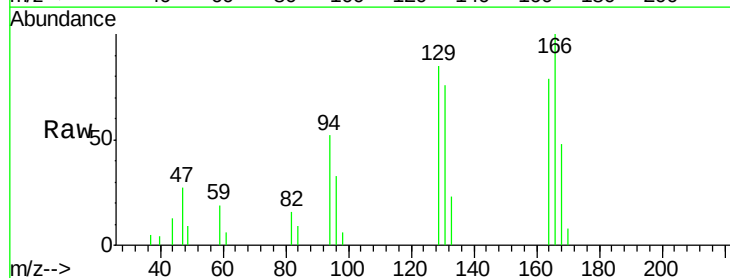
#48
2-Hexanone
Concen: 3.83 ug/L
RT: 8.14 min Scan# 2256
Delta R.T. -0.04 min
Lab File: VV006051.D
Acq: 26 May 2018 13:17

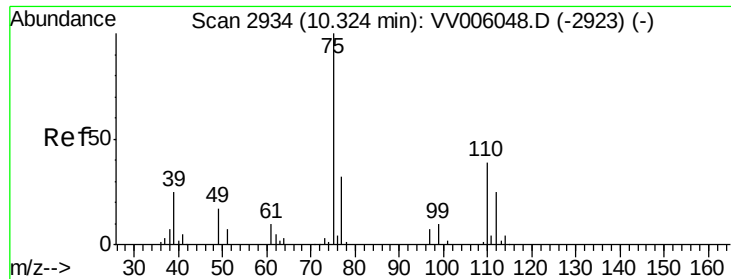
Tgt Ion:	43	Resp:	4986
Ion	Ratio	Lower	Upper
43	100		
58	33.2	45.4	68.2#
57	31.9	15.9	23.9#
100	0.8	9.8	14.6#



#49
Dibromochloromethane
Concen: 2.75 ug/L
RT: 8.03 min Scan# 2219
Delta R.T. -0.27 min
Lab File: VV006051.D
Acq: 26 May 2018 13:17

Tgt Ion:	129	Resp:	3562
Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.8	101.8#





#59

1,2,3-Trichloropropane
 Concen: 4.69 ug/L
 RT: 11.30 min Scan# 3238
 Delta R.T. 0.98 min
 Lab File: VV006051.D
 Acq: 26 May 2018 13:17

Tgt Ion: 75 Resp: 7680
 Ion Ratio Lower Upper
 75 100
 77 39.6 25.8 38.6#

