

Data File : VV006058.D
Acq On : 26 May 2018 16:18
Operator : SY/MD
Sample : J3090-09 100X
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 28 02:06:19 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	167240	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	155698	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	61837	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	56389	48.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.56%
7) Chloroethane-d5	1.55	69	16157	19.56	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	39.12%#
11) 1,1-Dichloroethene-d2	2.12	63	77323	35.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.14%
21) 2-Butanone-d5	3.96	46	56938	85.11	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.11%
24) Chloroform-d	4.40	84	104074	47.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.54%
26) 1,2-Dichloroethane-d4	5.09	65	72030	50.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.24%
32) Benzene-d6	5.10	84	205827	49.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.46%
36) 1,2-Dichloropropane-d6	6.12	67	66815	50.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.66%
41) Toluene-d8	7.36	98	182074	47.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.10%
43) trans-1,3-Dichloropropene-	7.67	79	28249	46.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.32%
47) 2-Hexanone-d5	8.14	63	57338	110.98	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.98%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	93024	51.47	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.94%
64) 1,2-Dichlorobenzene-d4	11.68	152	67095	54.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.10%

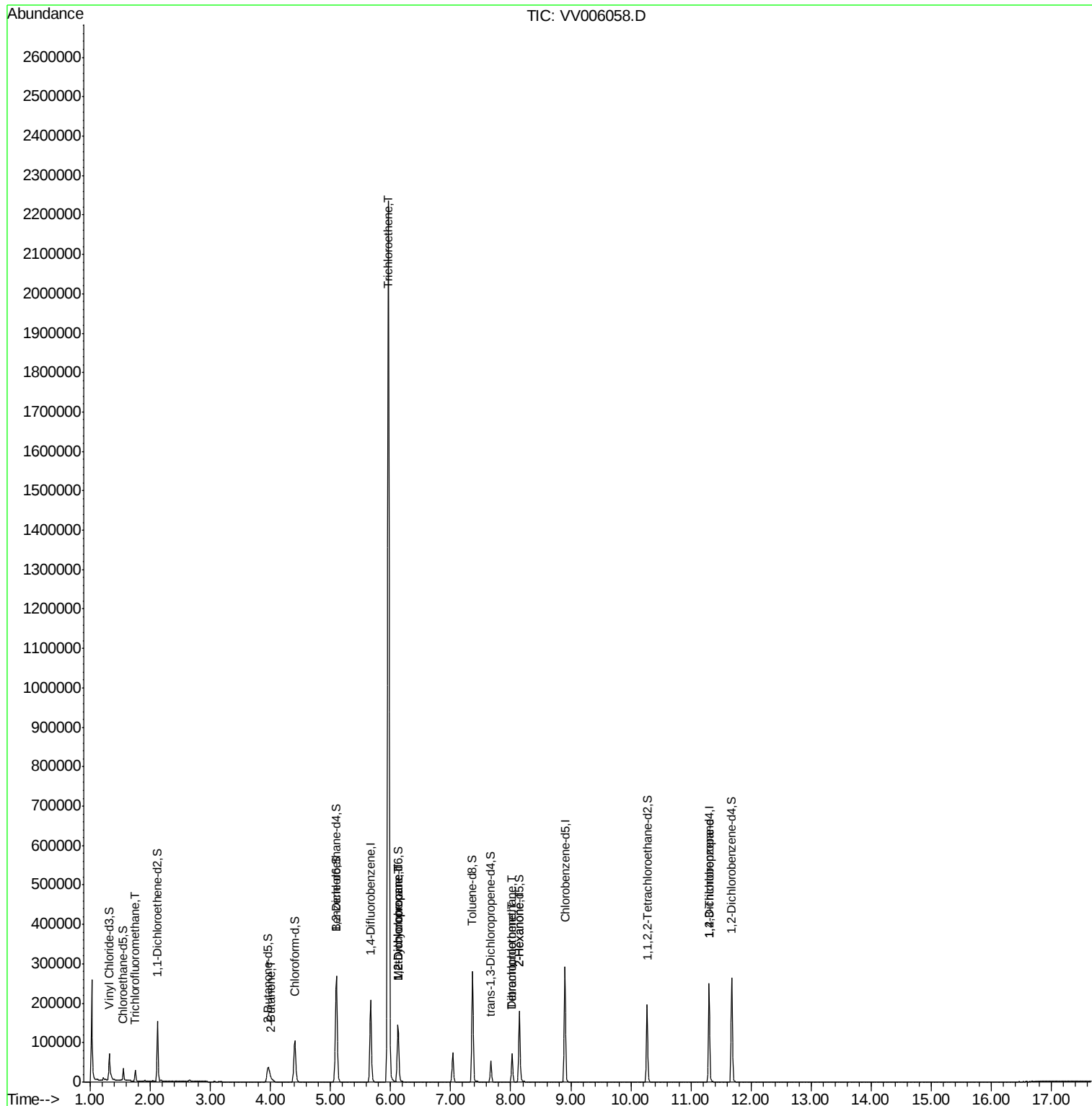
Target Compounds

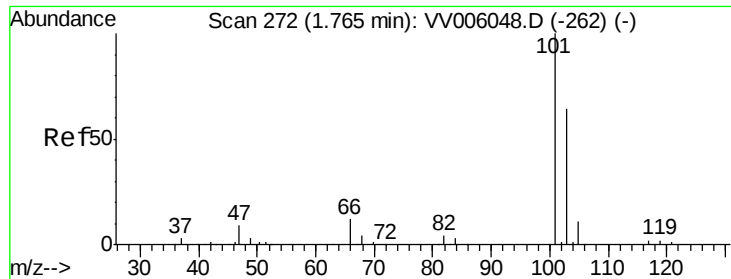
						Qvalue
9) Trichlorofluoromethane	1.75	101	15345	7.74	ug/L	100
22) 2-Butanone	4.02	43	2197	2.22	ug/L #	56
34) Trichloroethene	5.96	95	774751	616.95	ug/L	98
35) Methylcyclohexane	6.12	83	16029	8.20	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	7467	5.71	ug/L #	87
46) Tetrachloroethene	8.02	164	15026	15.92	ug/L	96
48) 2-Hexanone	8.14	43	7707	5.82	ug/L #	71
49) Dibromochloromethane	8.02	129	14548	11.02	ug/L #	10
59) 1,2,3-Trichloropropane	11.30	75	7776	4.66	ug/L	91

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

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Quant Title : VOC Analysis
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Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 7.74 ug/L

RT: 1.75 min Scan# 268

Delta R.T. -0.01 min

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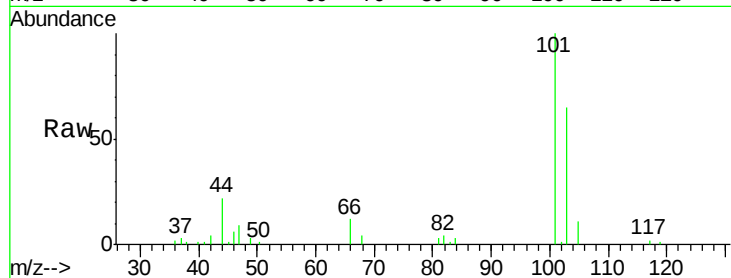
Acq: 26 May 2018 16:18

Tgt Ion: 101 Resp: 15345

Ion Ratio Lower Upper

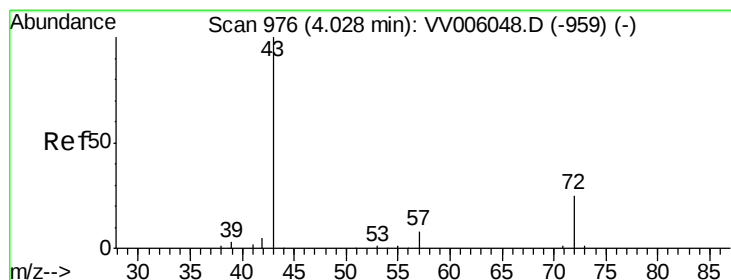
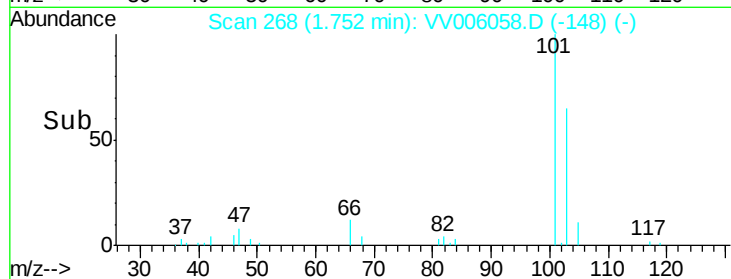
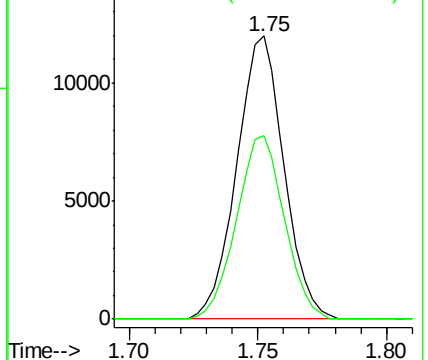
101 100

103 65.5 52.6 78.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#22

2-Butanone

Concen: 2.22 ug/L

RT: 4.02 min Scan# 972

Delta R.T. -0.01 min

Lab File: VV006058.D

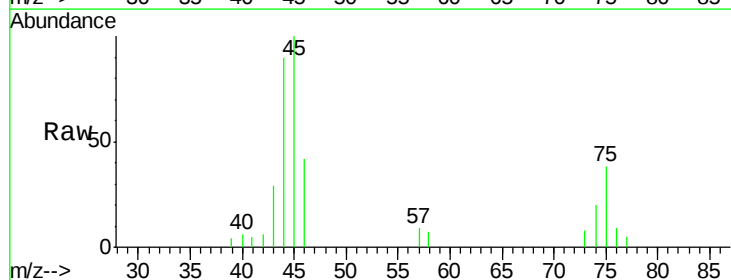
Acq: 26 May 2018 16:18

Tgt Ion: 43 Resp: 2197

Ion Ratio Lower Upper

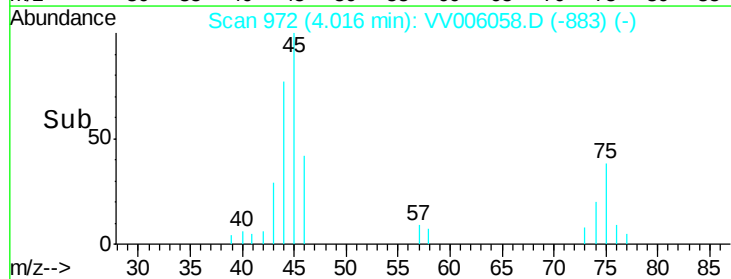
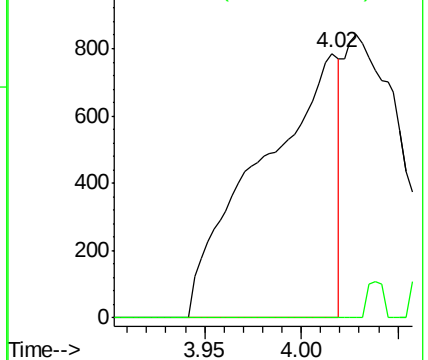
43 100

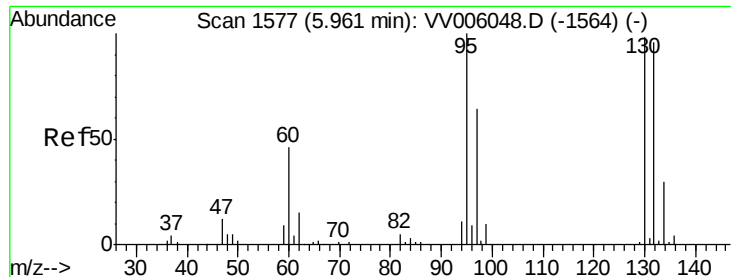
72 2.7 12.4 37.0#



Abundance Ion 43.00 (42.70 to 43.70): VV0

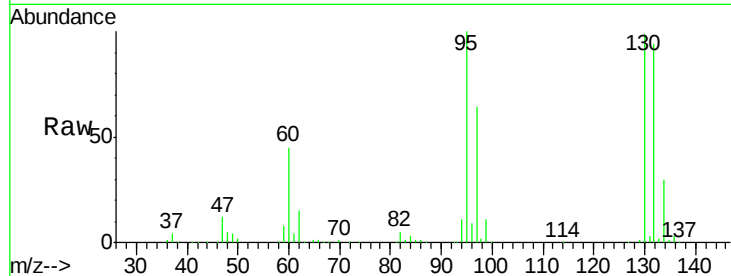
Ion 72.00 (71.70 to 72.70): VV0



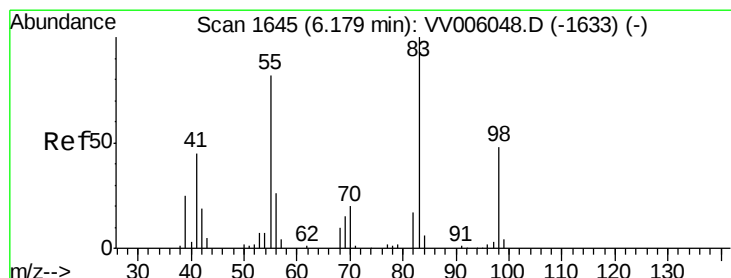
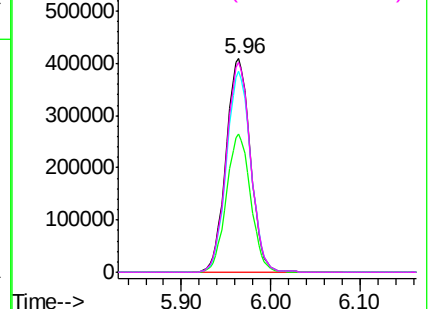
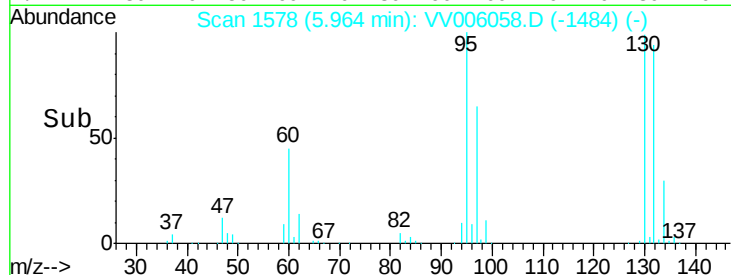


#34
 Trichloroethene
 Concen: 616.95 ug/L
 RT: 5.96 min Scan# 1578
 Delta R.T. 0.00 min
 Lab File: VV006058.D
 Acq: 26 May 2018 16:18

Tgt Ion:	95	Resp:	774751
Ion	Ratio	Lower	Upper
95	100		
97	64.5	44.0	81.6
132	93.9	65.0	120.6
130	98.6	66.6	123.8

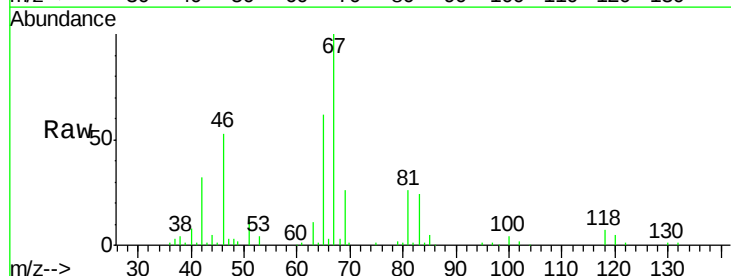


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 97.00 (96.70 to 97.70): VV0
 Ion 132.00 (131.70 to 132.70): VV0
 Ion 130.00 (129.70 to 130.70): VV0

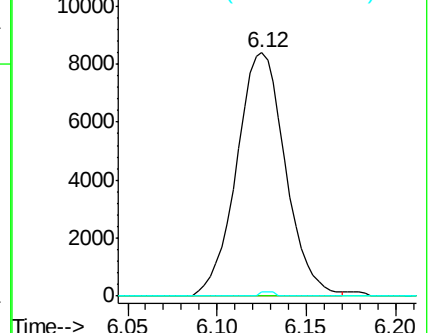
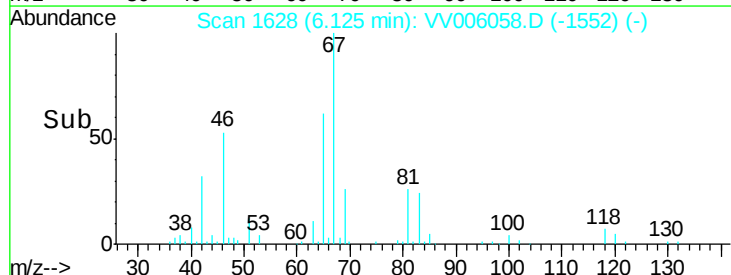


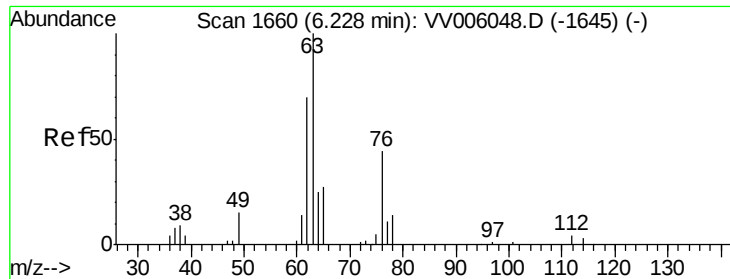
#35
 Methylcyclohexane
 Concen: 8.20 ug/L
 RT: 6.12 min Scan# 1628
 Delta R.T. -0.05 min
 Lab File: VV006058.D
 Acq: 26 May 2018 16:18

Tgt Ion:	83	Resp:	16029
Ion	Ratio	Lower	Upper
83	100		
55	0.0	63.1	94.7#
98	0.5	37.8	56.8#



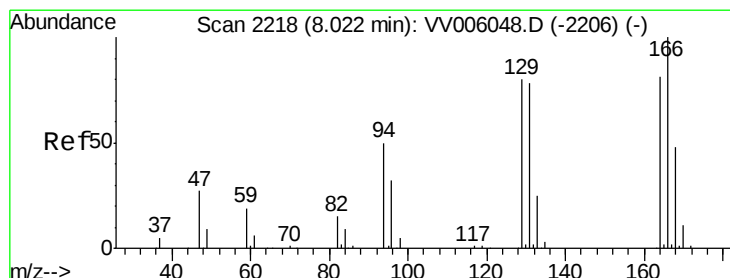
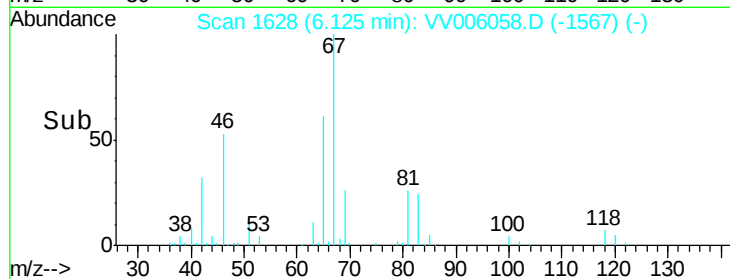
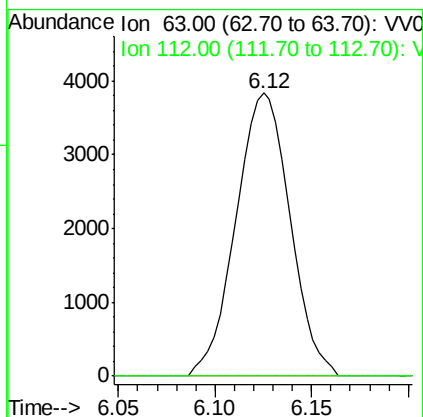
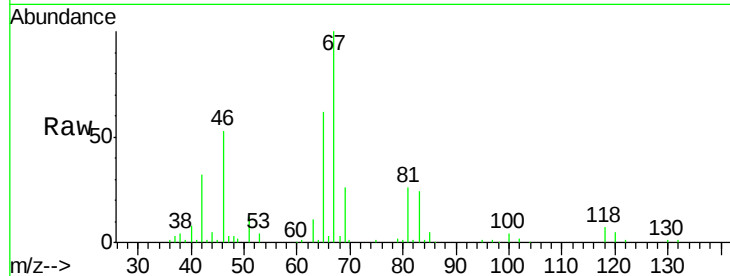
Abundance Ion 83.00 (82.70 to 83.70): VV0
 Ion 55.00 (54.70 to 55.70): VV0
 Ion 98.00 (97.70 to 98.70): VV0





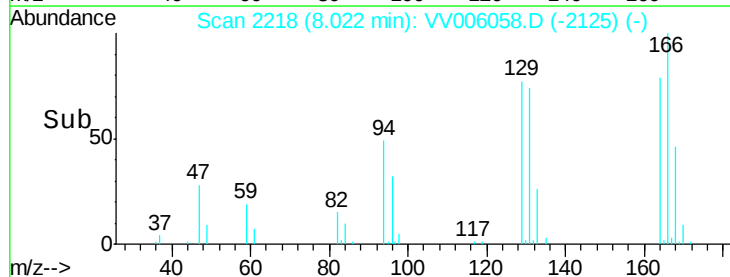
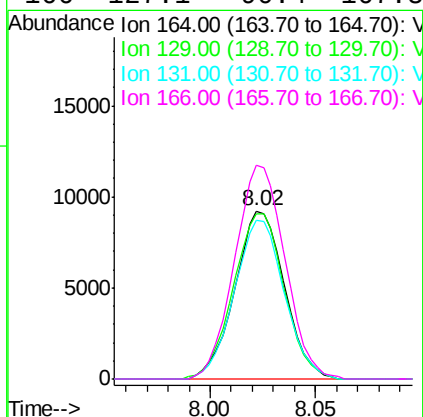
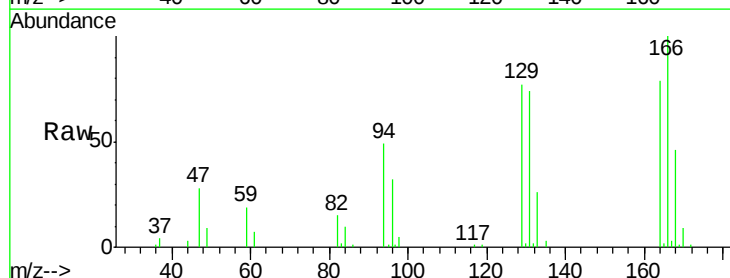
#37
 1,2-Dichloropropane
 Concen: 5.71 ug/L
 RT: 6.12 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VV006058.D
 Acq: 26 May 2018 16:18

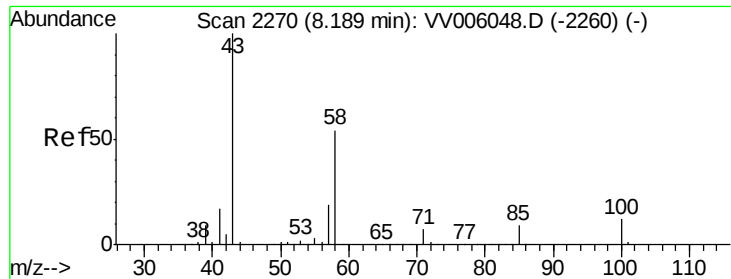
Tgt Ion: 63 Resp: 7467
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#46
 Tetrachloroethene
 Concen: 15.92 ug/L
 RT: 8.02 min Scan# 2218
 Delta R.T. 0.00 min
 Lab File: VV006058.D
 Acq: 26 May 2018 16:18

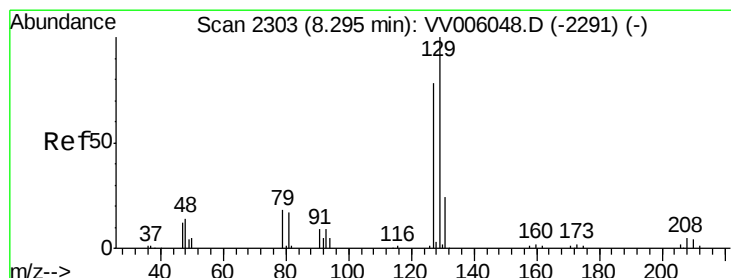
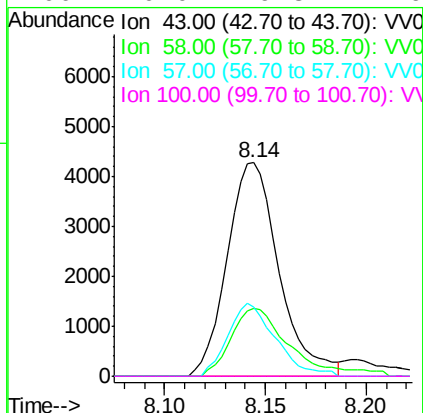
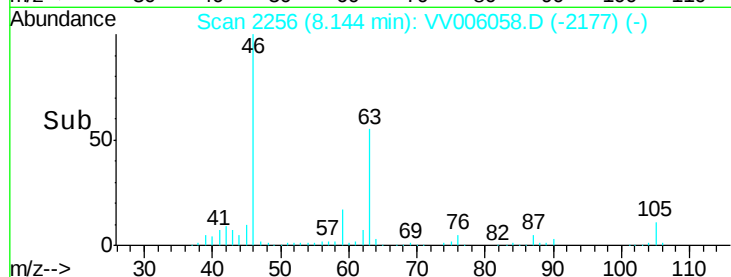
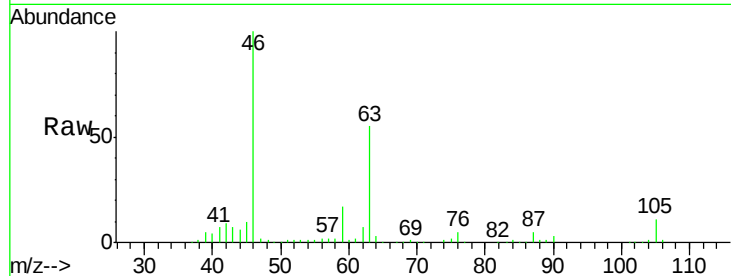
Tgt Ion: 164 Resp: 15026
 Ion Ratio Lower Upper
 164 100
 129 98.1 72.2 134.2
 131 94.5 70.0 130.0
 166 127.1 90.4 167.8





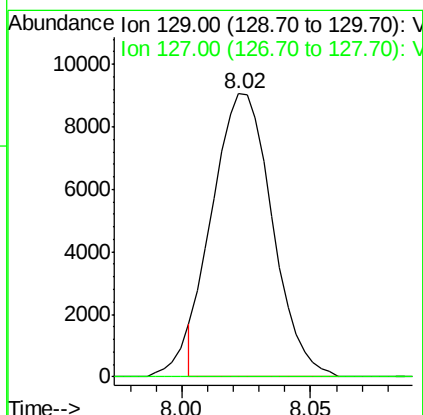
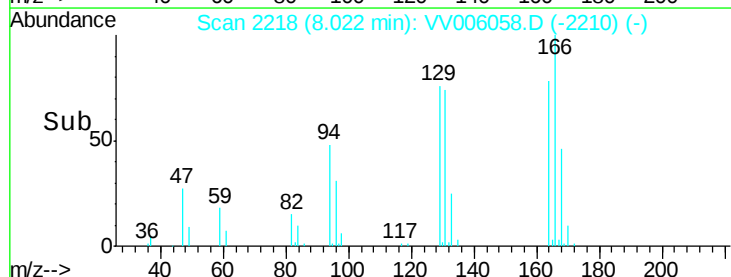
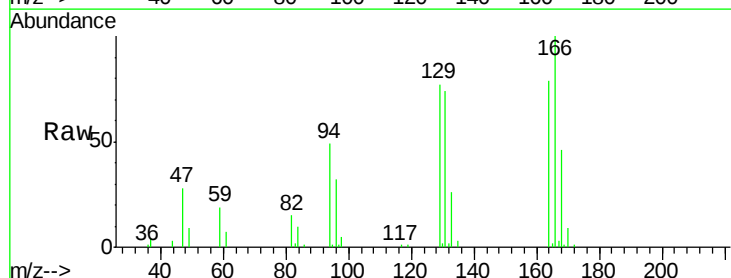
#48
2-Hexanone
Concen: 5.82 ug/L
RT: 8.14 min Scan# 2256
Delta R.T. -0.04 min
Lab File: VV006058.D
Acq: 26 May 2018 16:18

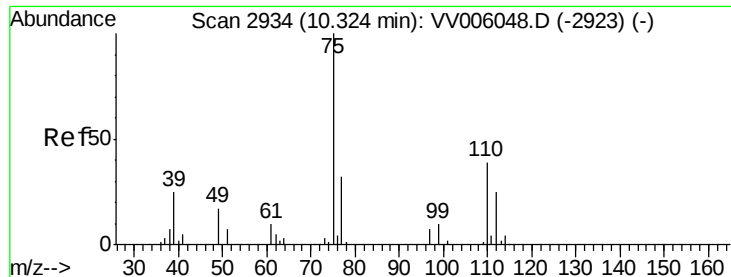
Tgt Ion:	43	Resp:	7707
Ion	Ratio	Lower	Upper
43	100		
58	34.6	45.4	68.2#
57	30.9	15.9	23.9#
100	0.0	9.8	14.6#



#49
Dibromochloromethane
Concen: 11.02 ug/L
RT: 8.02 min Scan# 2218
Delta R.T. -0.27 min
Lab File: VV006058.D
Acq: 26 May 2018 16:18

Tgt Ion:	129	Resp:	14548
Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.8	101.8#





#59

1,2,3-Trichloropropane

Concen: 4.66 ug/L

RT: 11.30 min Scan# 3238

Delta R.T. 0.98 min

Lab File: VV006058.D

Acq: 26 May 2018 16:18

Tgt Ion: 75 Resp: 7776

Ion Ratio Lower Upper

75 100

77 37.4 25.8 38.6

