

Data File : VV006056.D
Acq On : 26 May 2018 15:26
Operator : SY/MD
Sample : J3090-07 100X
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: May 28 02:05:52 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	167209	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	153027	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	62127	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	55425	47.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.92%
7) Chloroethane-d5	1.55	69	15076	18.26	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	36.52%#
11) 1,1-Dichloroethene-d2	2.12	63	74718	34.37	ug/L	-0.01
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.74%
21) 2-Butanone-d5	3.96	46	56540	84.53	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.53%
24) Chloroform-d	4.40	84	101977	46.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.66%
26) 1,2-Dichloroethane-d4	5.09	65	70409	49.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.00%
32) Benzene-d6	5.10	84	202628	49.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.62%
36) 1,2-Dichloropropane-d6	6.13	67	64669	50.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.12%
41) Toluene-d8	7.36	98	177466	47.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.32%
43) trans-1,3-Dichloropropene-	7.67	79	27840	46.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.58%
47) 2-Hexanone-d5	8.14	63	55899	110.09	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.09%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	91691	51.62	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.24%
64) 1,2-Dichlorobenzene-d4	11.68	152	66344	53.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.38%

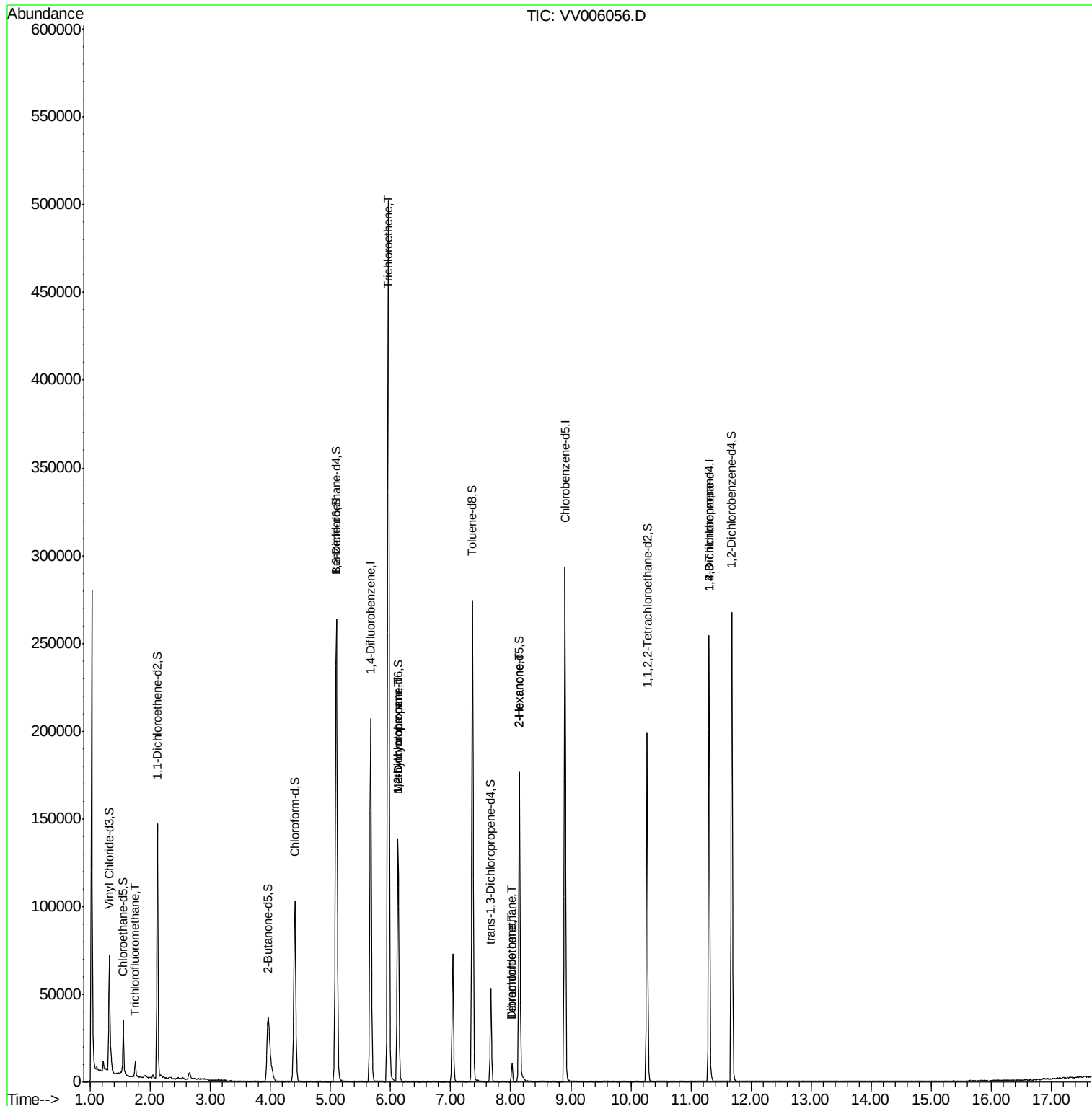
Target Compounds

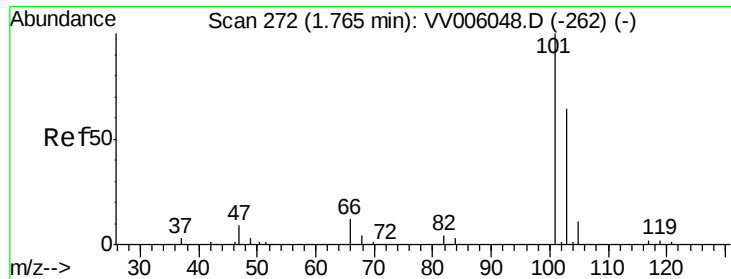
						Qvalue
9) Trichlorofluoromethane	1.75	101	3966	2.00	ug/L	95
34) Trichloroethene	5.96	95	175108	141.88	ug/L	98
35) Methylcyclohexane	6.13	83	15879	8.26	ug/L #	18
37) 1,2-Dichloropropane	6.13	63	7280	5.66	ug/L #	87
46) Tetrachloroethene	8.03	164	2232	2.41	ug/L	96
48) 2-Hexanone	8.14	43	7540	5.79	ug/L #	67
49) Dibromochloromethane	8.02	129	2305	1.78	ug/L #	10
59) 1,2,3-Trichloropropane	11.30	75	7552	4.61	ug/L	90

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

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#9

Trichlorofluoromethane

Concen: 2.00 ug/L

RT: 1.75 min Scan# 267

Delta R.T. -0.02 min

Lab File: VV006056.D

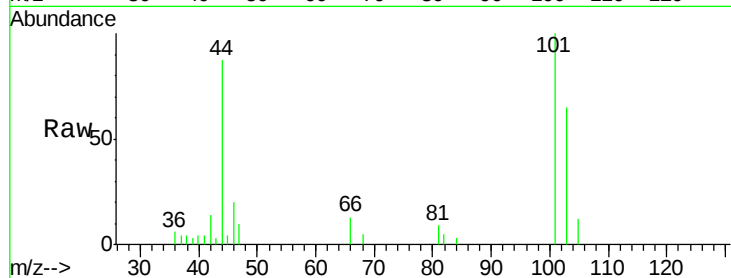
Acq: 26 May 2018 15:26

Tgt Ion: 101 Resp: 3966

Ion Ratio Lower Upper

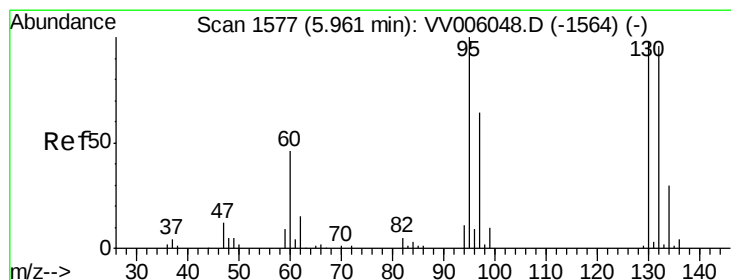
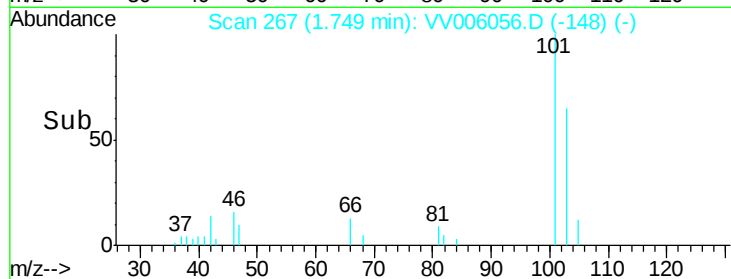
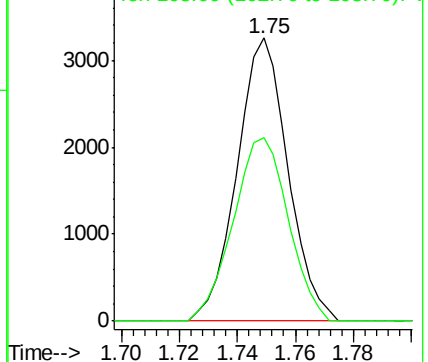
101 100

103 70.0 52.6 78.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#34

Trichloroethene

Concen: 141.88 ug/L

RT: 5.96 min Scan# 1577

Delta R.T. 0.00 min

Lab File: VV006056.D

Acq: 26 May 2018 15:26

Tgt Ion: 95 Resp: 175108

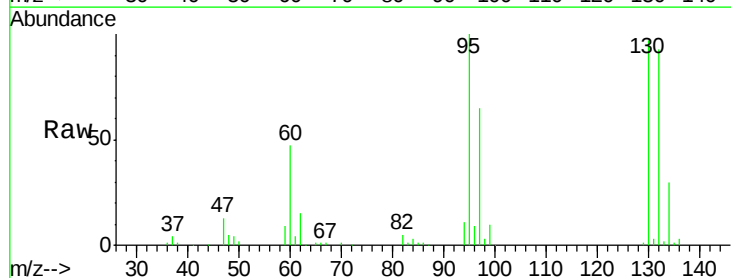
Ion Ratio Lower Upper

95 100

97 64.7 44.0 81.6

132 93.1 65.0 120.6

130 97.4 66.6 123.8

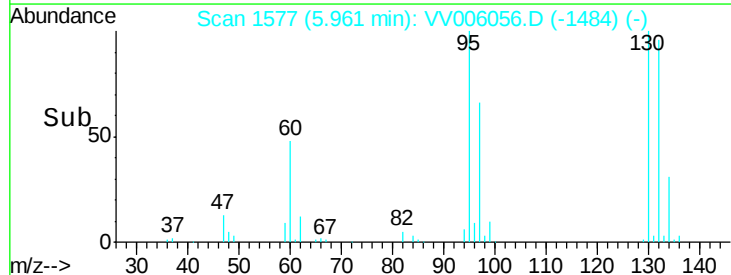
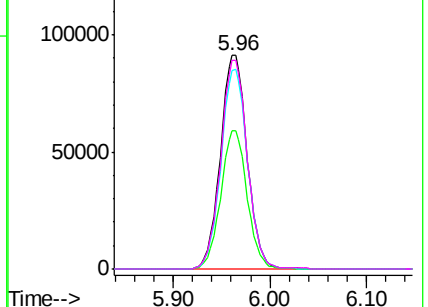


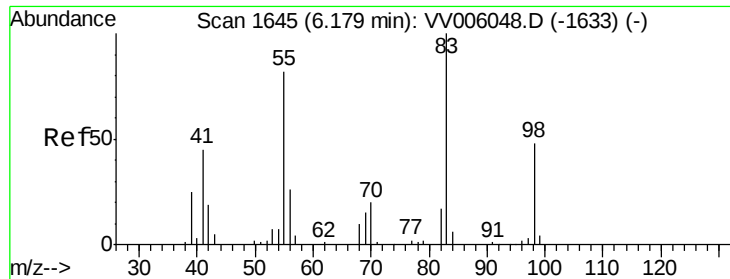
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

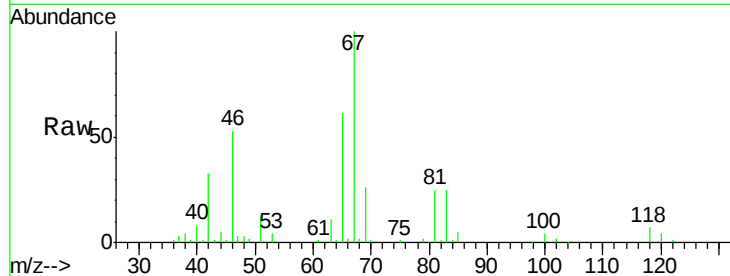
Ion 130.00 (129.70 to 130.70): VV0



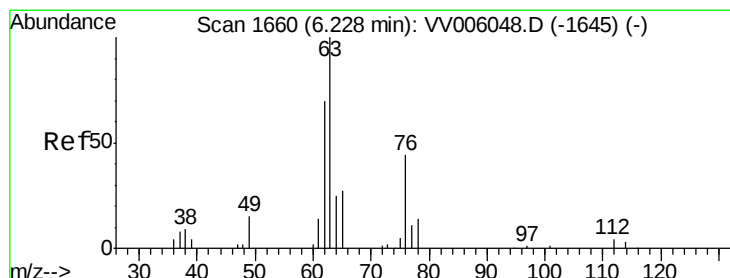
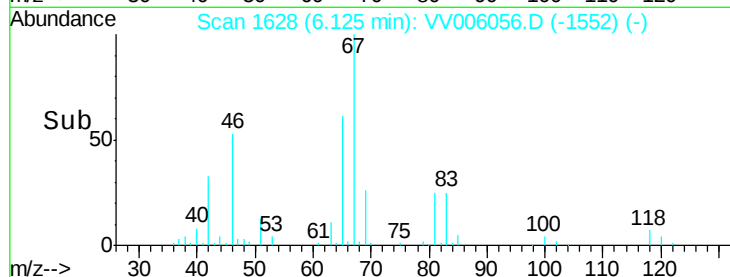
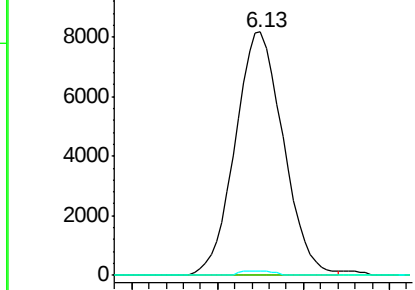


#35
Methylcyclohexane
Concen: 8.26 ug/L
RT: 6.13 min Scan# 1628
Delta R.T. -0.05 min
Lab File: VV006056.D
Acq: 26 May 2018 15:26

Tgt Ion: 83 Resp: 15879
Ion Ratio Lower Upper
83 100
55 0.0 63.1 94.7#
98 1.2 37.8 56.8#

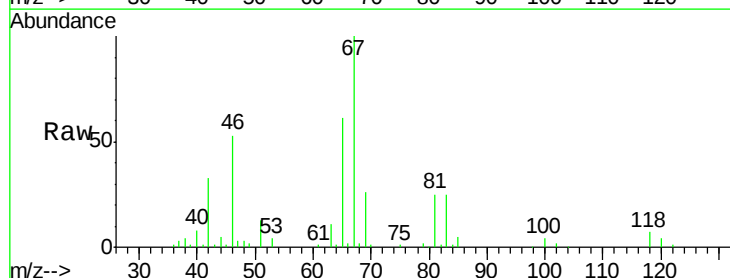


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

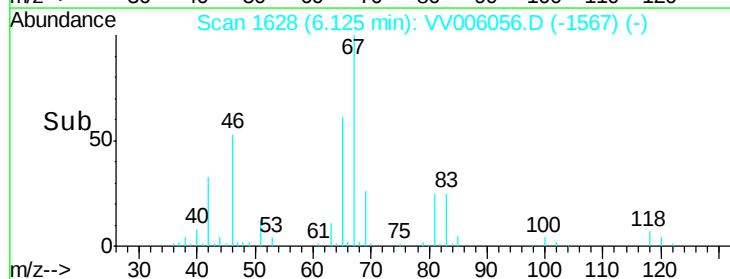
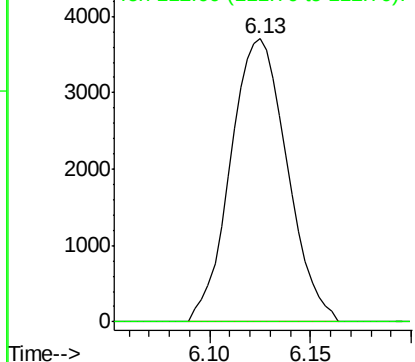


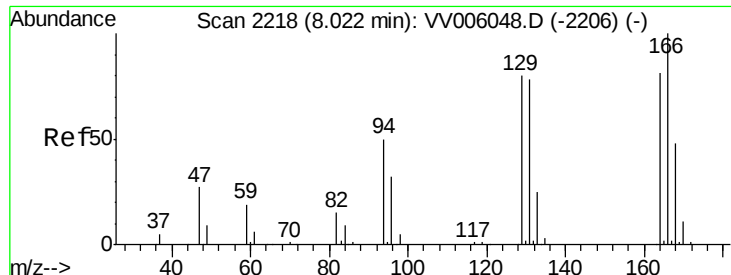
#37
1,2-Dichloropropane
Concen: 5.66 ug/L
RT: 6.13 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VV006056.D
Acq: 26 May 2018 15:26

Tgt Ion: 63 Resp: 7280
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#



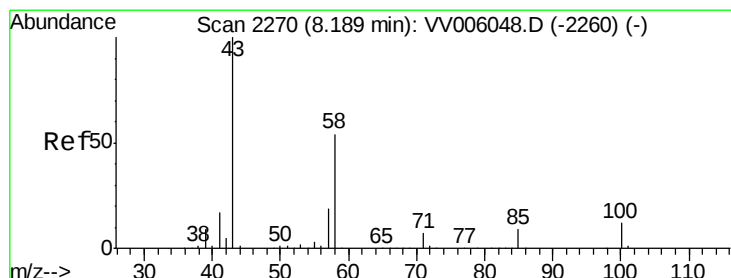
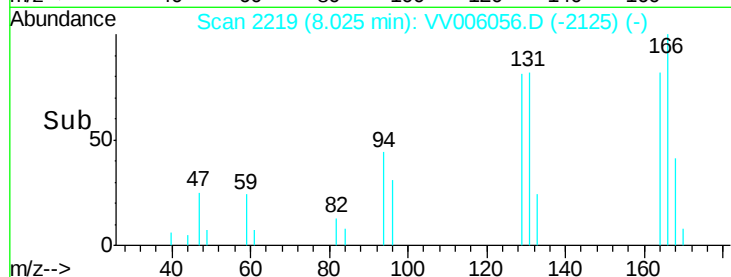
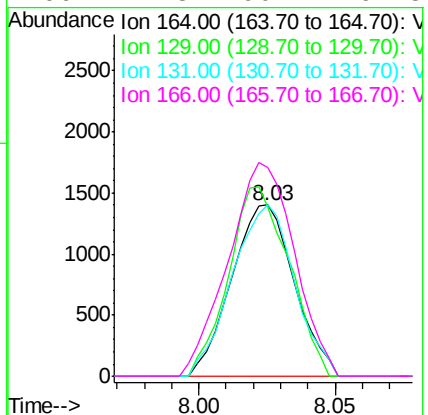
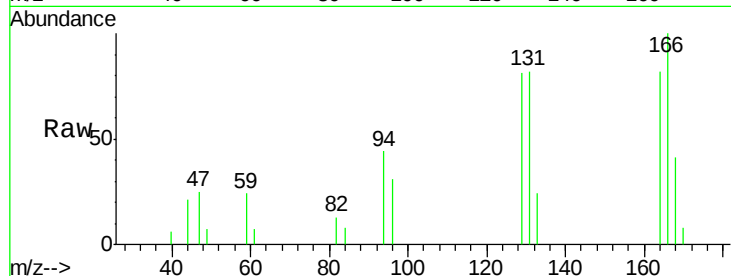
Abundance Ion 63.00 (62.70 to 63.70): VV0
Ion 112.00 (111.70 to 112.70): V





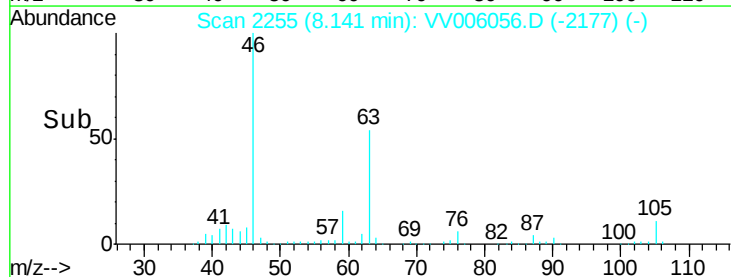
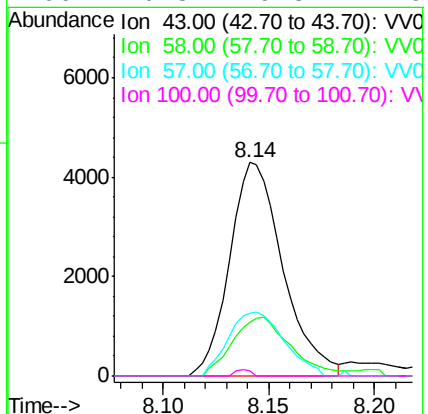
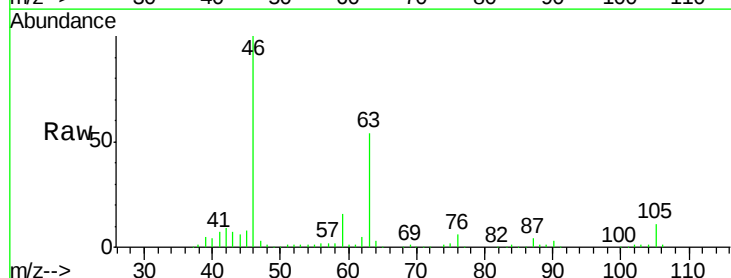
#46
Tetrachloroethene
Concen: 2.41 ug/L
RT: 8.03 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VV006056.D
Acq: 26 May 2018 15:26

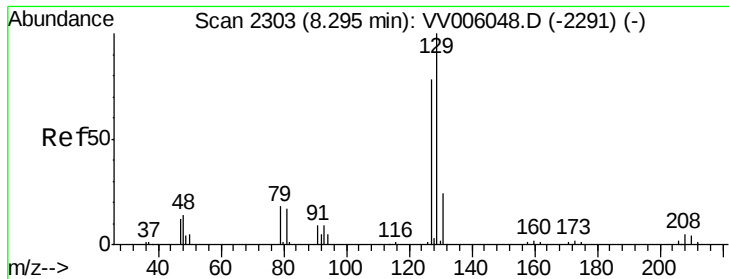
Tgt Ion:	164	Resp:	2232
Ion	Ratio	Lower	Upper
164	100		
129	98.5	72.2	134.2
131	100.0	70.0	130.0
166	121.8	90.4	167.8



#48
2-Hexanone
Concen: 5.79 ug/L
RT: 8.14 min Scan# 2255
Delta R.T. -0.05 min
Lab File: VV006056.D
Acq: 26 May 2018 15:26

Tgt Ion:	43	Resp:	7540
Ion	Ratio	Lower	Upper
43	100		
58	29.4	45.4	68.2#
57	31.3	15.9	23.9#
100	0.8	9.8	14.6#





#49

Dibromochloromethane

Concen: 1.78 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. -0.27 min

Lab File: VV006056.D

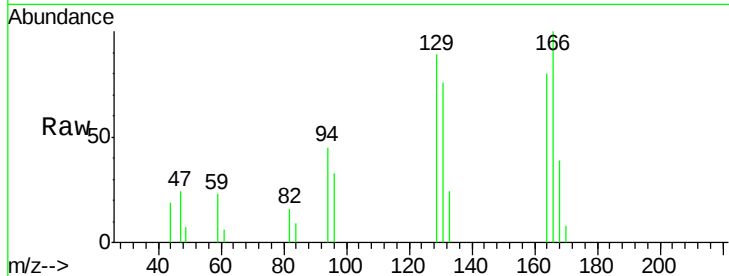
Acq: 26 May 2018 15:26

Tgt Ion: 129 Resp: 2305

Ion Ratio Lower Upper

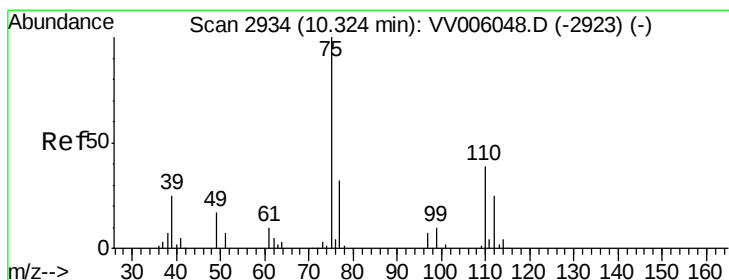
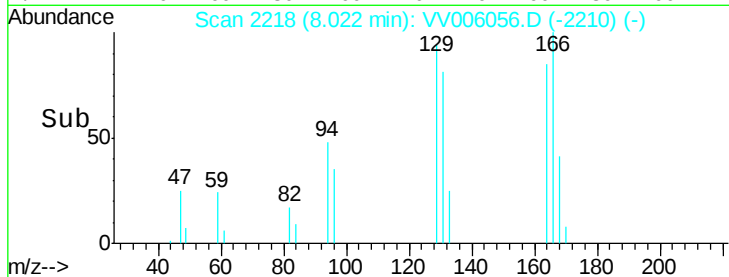
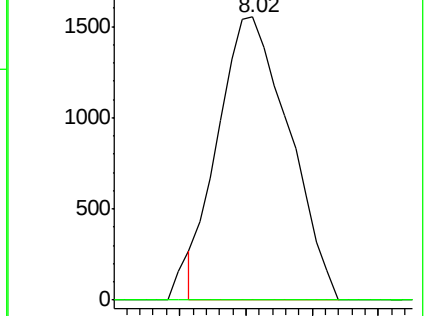
129 100

127 0.0 54.8 101.8#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#59

1,2,3-Trichloropropane

Concen: 4.61 ug/L

RT: 11.30 min Scan# 3238

Delta R.T. 0.98 min

Lab File: VV006056.D

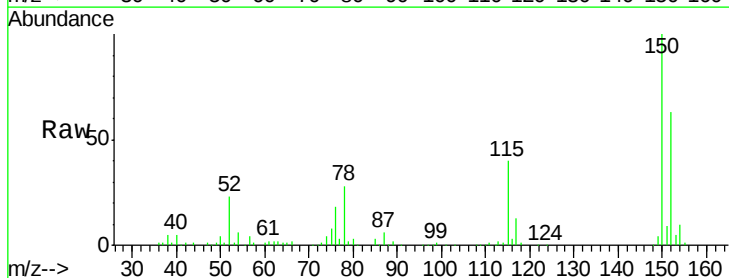
Acq: 26 May 2018 15:26

Tgt Ion: 75 Resp: 7552

Ion Ratio Lower Upper

75 100

77 37.8 25.8 38.6



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

