

Data File : VV006096.D
Acq On : 27 May 2018 20:00
Operator : SY/MD
Sample : J3090-17 100X
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 28 00:49:27 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	249292	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	226469	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	93357	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	100796	48.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.72%
7) Chloroethane-d5	1.55	69	39398	51.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.92%
11) 1,1-Dichloroethene-d2	2.12	63	146674	38.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.54%
21) 2-Butanone-d5	3.95	46	121027	114.95	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.95%
24) Chloroform-d	4.41	84	179854	49.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.36%
26) 1,2-Dichloroethane-d4	5.09	65	123497	52.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.10%
32) Benzene-d6	5.10	84	379363	51.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.70%
36) 1,2-Dichloropropane-d6	6.12	67	126631	52.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.94%
41) Toluene-d8	7.37	98	339049	49.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.82%
43) trans-1,3-Dichloropropene-	7.67	79	51135	49.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.44%
47) 2-Hexanone-d5	8.14	63	99676	105.63	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.63%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	165493	48.25	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.50%
64) 1,2-Dichlorobenzene-d4	11.68	152	128723	55.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.10%

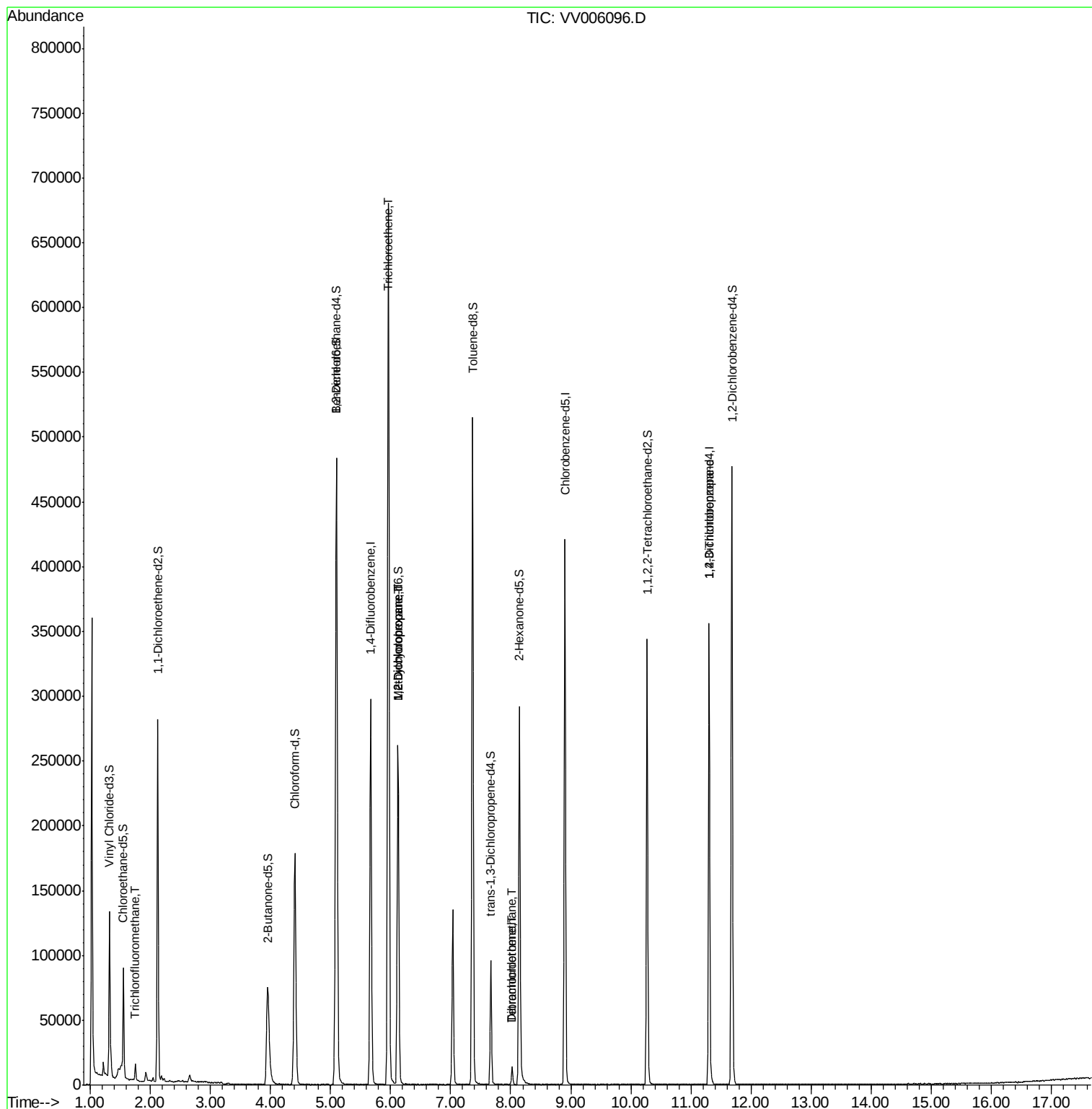
Target Compounds

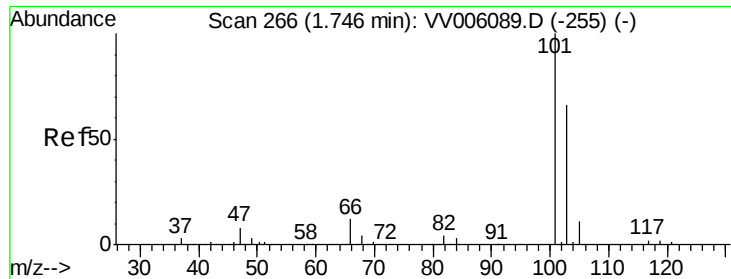
						Qvalue
9) Trichlorofluoromethane	1.75	101	5735	1.99	ug/L	99
34) Trichloroethene	5.96	95	232700	130.16	ug/L	99
35) Methylcyclohexane	6.12	83	28999	10.01	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	13230	6.81	ug/L #	88
46) Tetrachloroethene	8.02	164	3235	2.17	ug/L	97
49) Dibromochloromethane	8.03	129	2668	1.44	ug/L #	11
59) 1,2,3-Trichloropropane	11.30	75	10832	4.48	ug/L	95

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

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#9

Trichlorofluoromethane

Concen: 1.99 ug/L

RT: 1.75 min Scan# 268

Delta R.T. 0.01 min

Lab File: VV006096.D

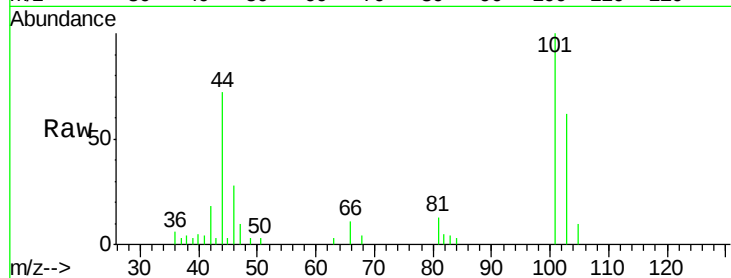
Acq: 27 May 2018 20:00

Tgt Ion: 101 Resp: 5735

Ion Ratio Lower Upper

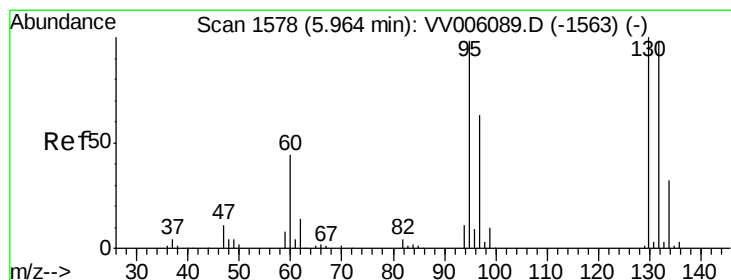
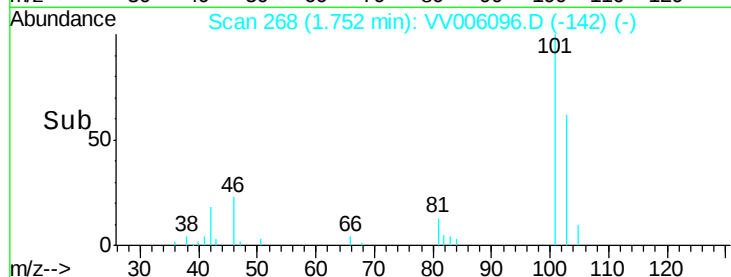
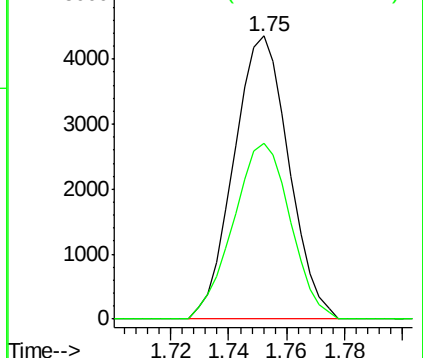
101 100

103 64.4 52.2 78.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#34

Trichloroethene

Concen: 130.16 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. -0.00 min

Lab File: VV006096.D

Acq: 27 May 2018 20:00

Tgt Ion: 95 Resp: 232700

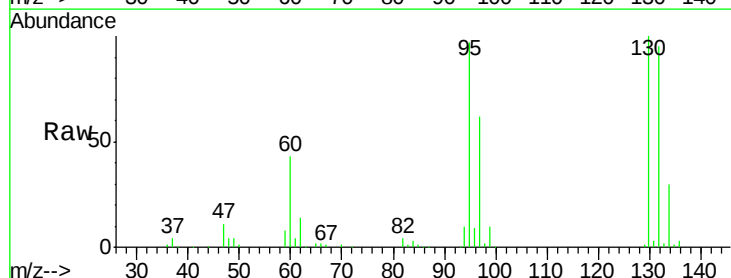
Ion Ratio Lower Upper

95 100

97 63.8 45.4 84.4

132 98.4 69.0 128.2

130 103.5 71.2 132.2

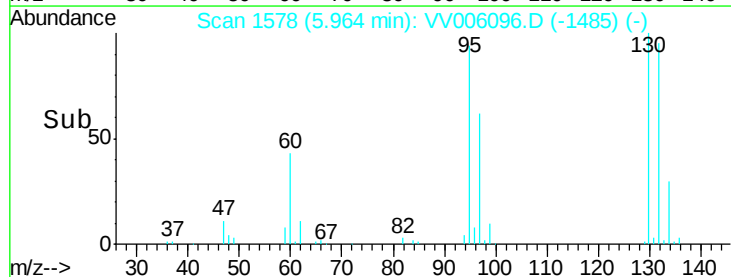
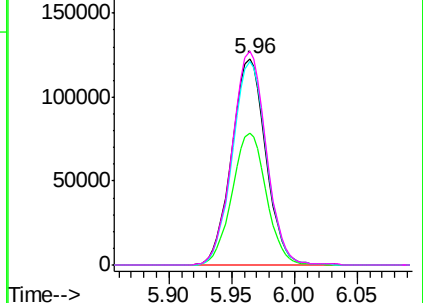


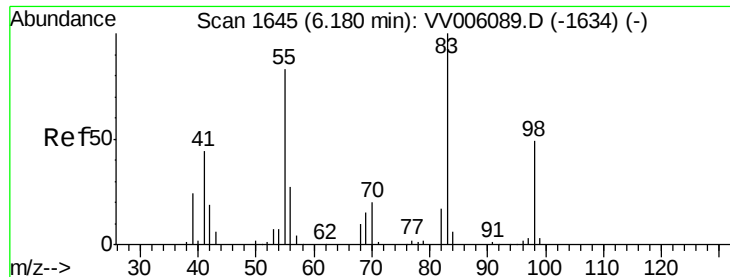
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

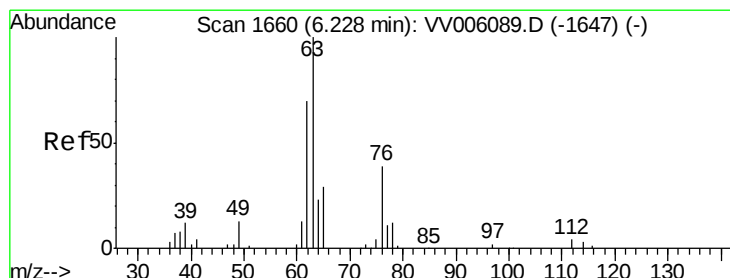
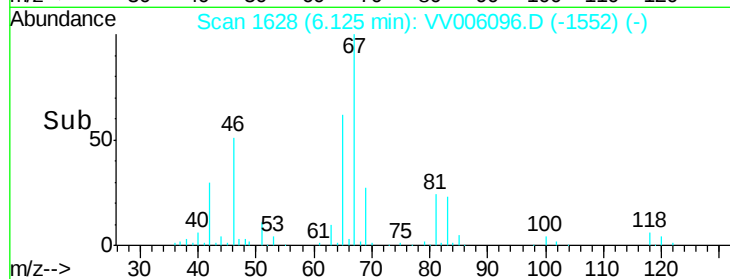
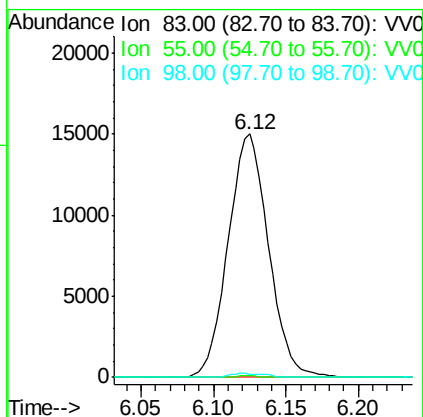
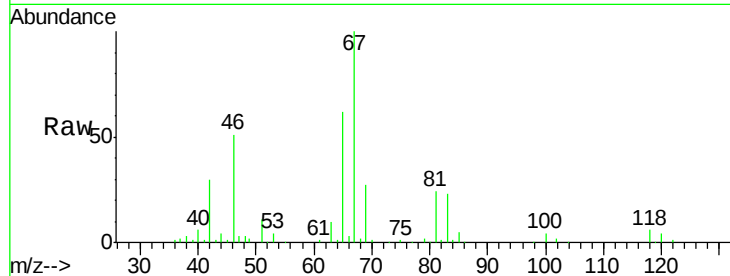
Ion 130.00 (129.70 to 130.70): V





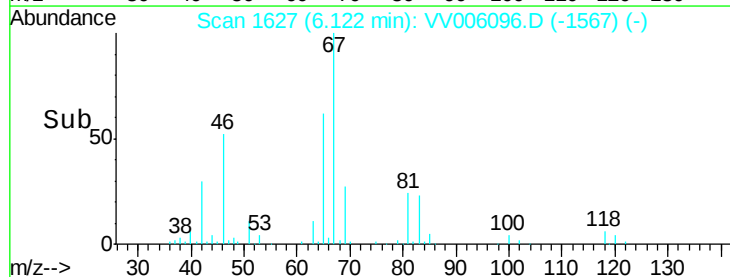
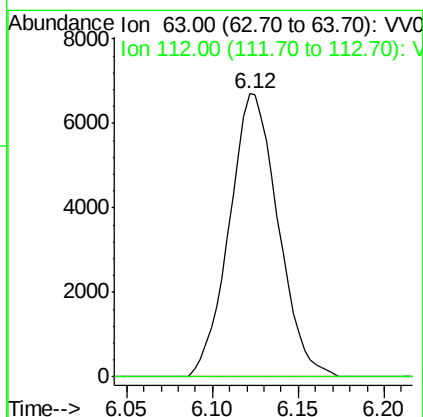
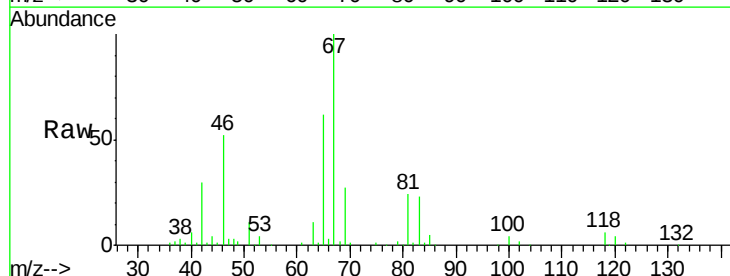
#35
Methylcyclohexane
Concen: 10.01 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.05 min
Lab File: VV006096.D
Acq: 27 May 2018 20:00

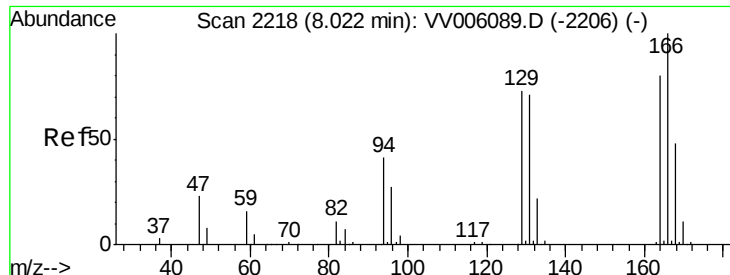
Tgt Ion: 83 Resp: 28999
Ion Ratio Lower Upper
83 100
55 0.3 62.8 94.2#
98 0.9 37.5 56.3#



#37
1,2-Dichloropropane
Concen: 6.81 ug/L
RT: 6.12 min Scan# 1627
Delta R.T. -0.11 min
Lab File: VV006096.D
Acq: 27 May 2018 20:00

Tgt Ion: 63 Resp: 13230
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#46

Tetrachloroethene

Concen: 2.17 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VV006096.D

Acq: 27 May 2018 20:00

Tgt Ion:164 Resp: 3235

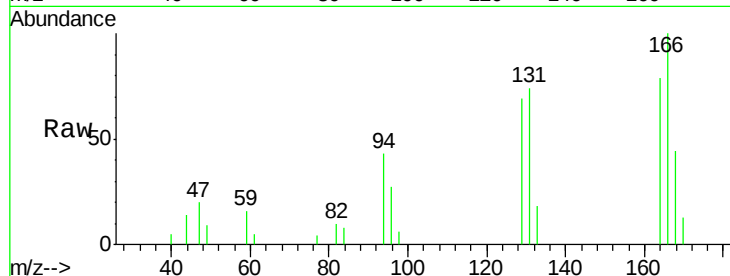
Ion Ratio Lower Upper

164 100

129 86.5 63.9 118.7

131 92.9 61.6 114.4

166 126.0 88.3 164.1

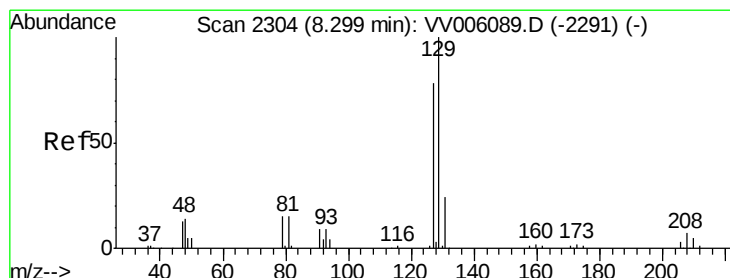
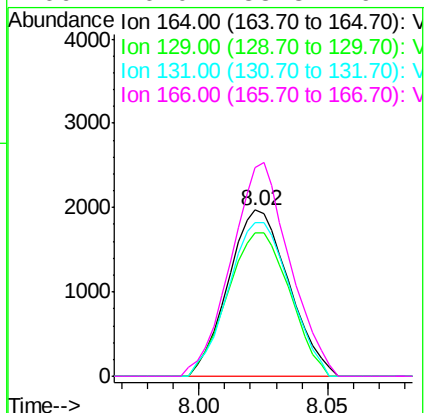
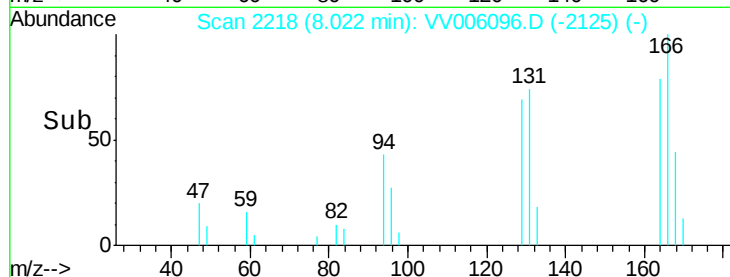


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#49

Dibromochloromethane

Concen: 1.44 ug/L

RT: 8.03 min Scan# 2219

Delta R.T. -0.27 min

Lab File: VV006096.D

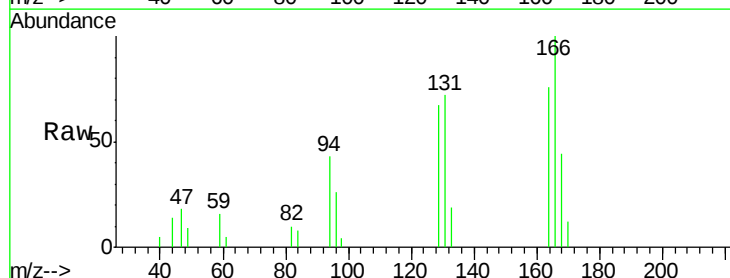
Acq: 27 May 2018 20:00

Tgt Ion:129 Resp: 2668

Ion Ratio Lower Upper

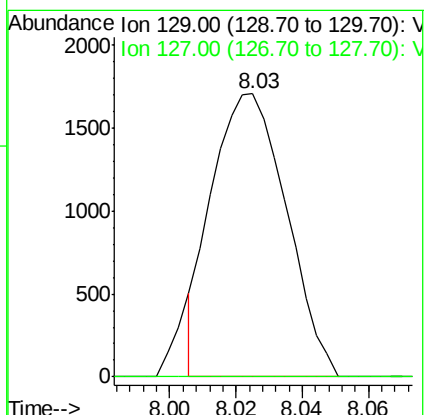
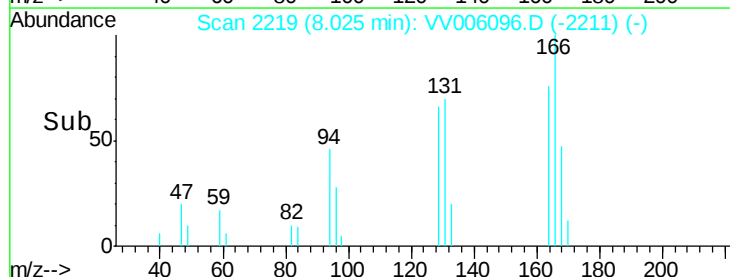
129 100

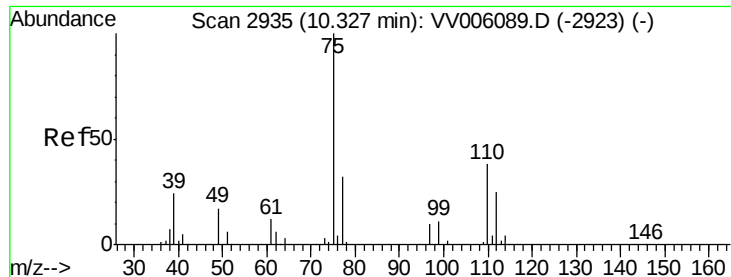
127 0.0 54.1 100.5#



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: 4.48 ug/L

RT: 11.30 min Scan# 3238

Delta R.T. 0.97 min

Lab File: VV006096.D

Acq: 27 May 2018 20:00

Tgt Ion: 75 Resp: 10832

Ion Ratio Lower Upper

75 100

77 35.0 25.8 38.8

