

Data File : VV006095.D
Acq On : 27 May 2018 19:34
Operator : SY/MD
Sample : J3090-20 40X
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Quant Time: May 28 00:49:12 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	250150	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	226175	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	95040	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	101515	48.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.08%
7) Chloroethane-d5	1.55	69	37586	49.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.80%
11) 1,1-Dichloroethene-d2	2.12	63	145163	38.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.48%
21) 2-Butanone-d5	3.95	46	123452	116.85	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.85%
24) Chloroform-d	4.41	84	178206	48.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.12%
26) 1,2-Dichloroethane-d4	5.09	65	120655	50.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.36%
32) Benzene-d6	5.10	84	373987	51.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.36%
36) 1,2-Dichloropropane-d6	6.12	67	126028	52.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.56%
41) Toluene-d8	7.37	98	331619	48.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.76%
43) trans-1,3-Dichloropropene-	7.67	79	50149	48.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.66%
47) 2-Hexanone-d5	8.14	63	97393	103.35	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.35%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	164684	48.07	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.14%
64) 1,2-Dichlorobenzene-d4	11.68	152	128700	54.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.12%

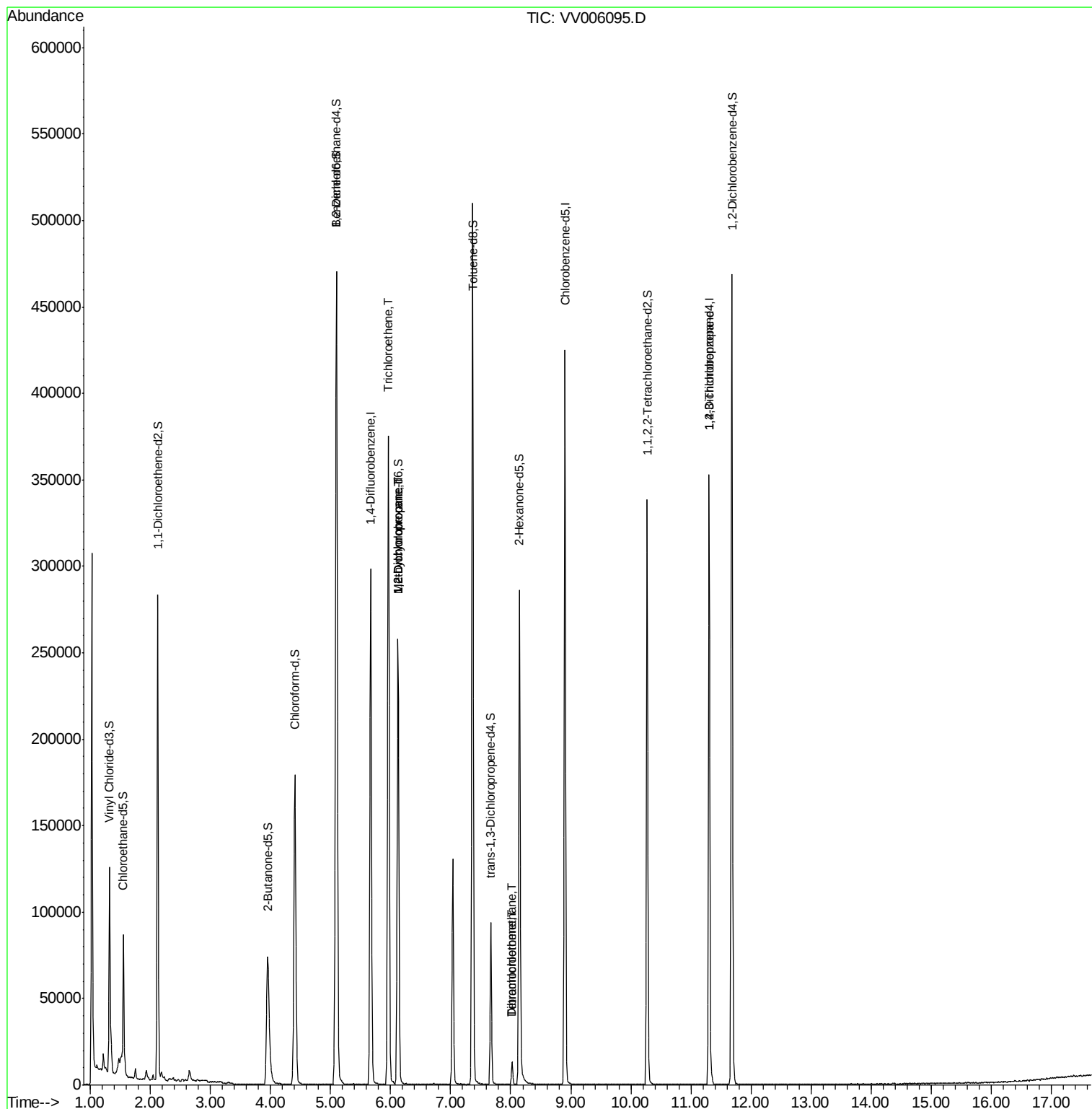
Target Compounds

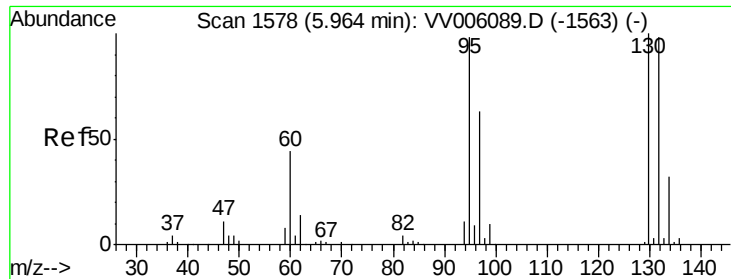
						Qvalue
34) Trichloroethene	5.96	95	128394	71.91	ug/L	100
35) Methylcyclohexane	6.12	83	27830	9.62	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	13104	6.75	ug/L #	88
46) Tetrachloroethene	8.02	164	3285	2.21	ug/L	93
49) Dibromochloromethane	8.02	129	2840	1.54	ug/L #	11
59) 1,2,3-Trichloropropane	11.30	75	10322	4.27	ug/L #	88

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

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#34

Trichloroethene

Concen: 71.91 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. -0.00 min

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Tgt Ion: 95 Resp: 128394

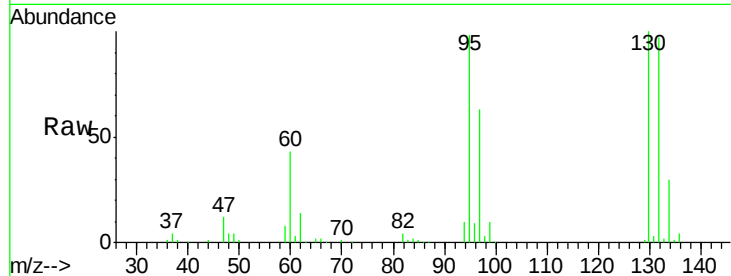
Ion Ratio Lower Upper

95 100

97 64.7 45.4 84.4

132 99.1 69.0 128.2

130 102.3 71.2 132.2

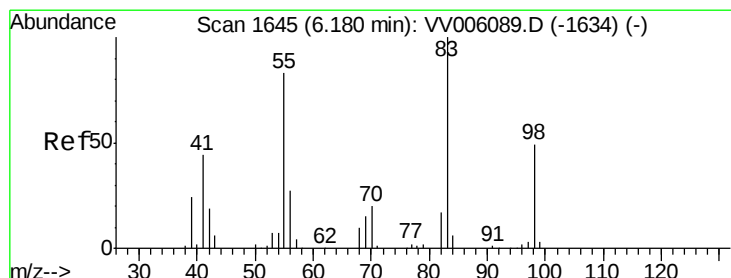
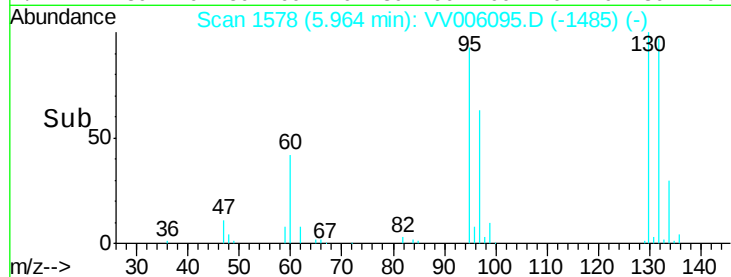
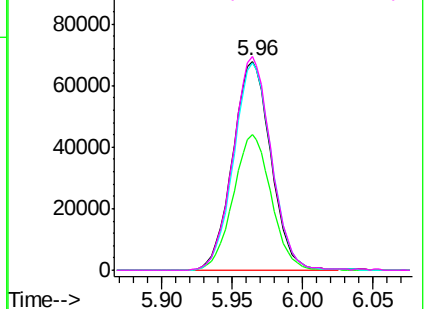


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 9.62 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.05 min

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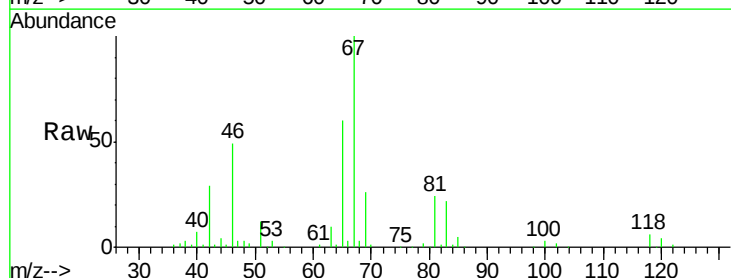
Tgt Ion: 83 Resp: 27830

Ion Ratio Lower Upper

83 100

55 0.2 62.8 94.2#

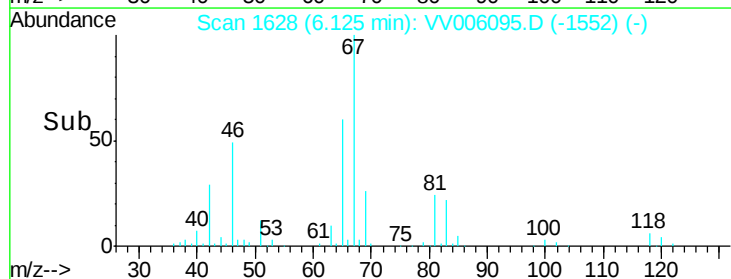
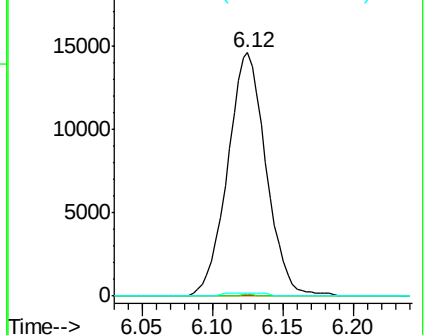
98 1.4 37.5 56.3#

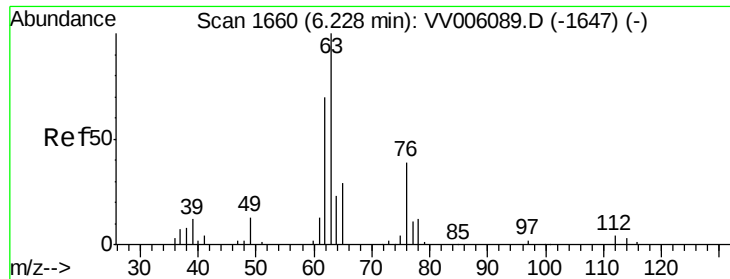


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

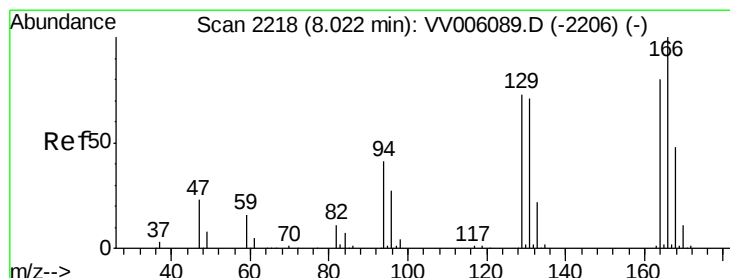
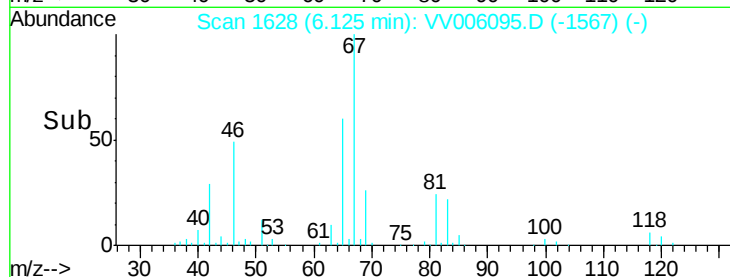
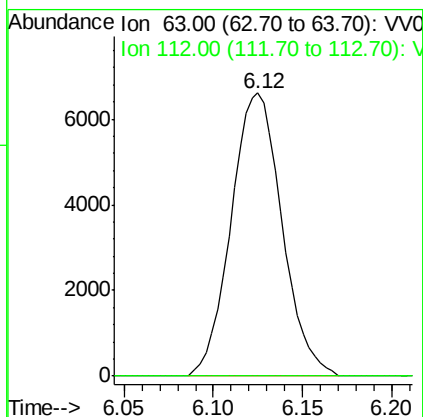
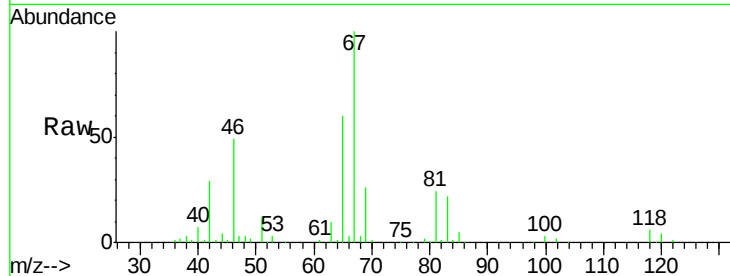
Ion 98.00 (97.70 to 98.70): VV0





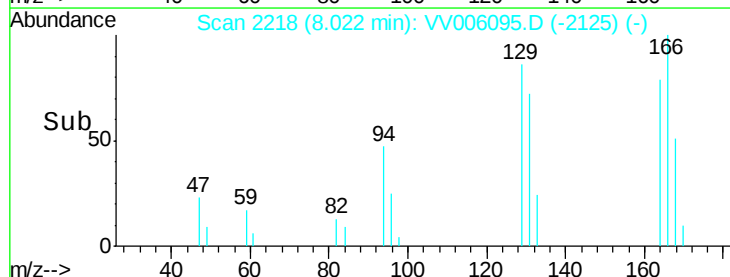
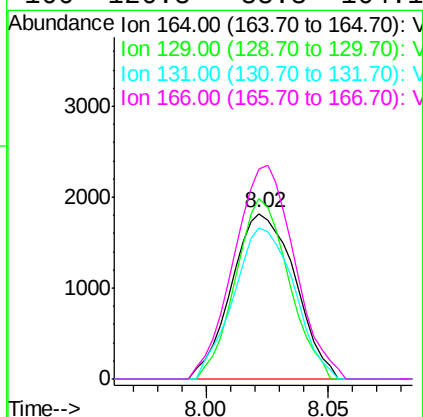
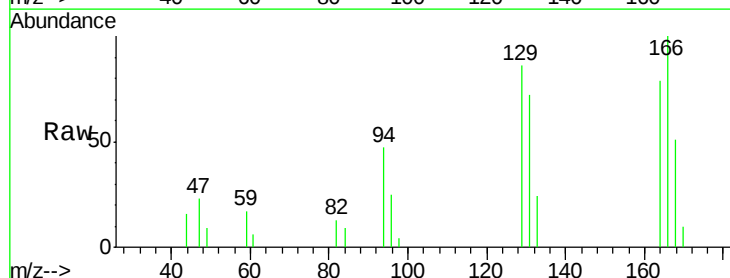
#37
 1,2-Dichloropropane
 Concen: 6.75 ug/L
 RT: 6.12 min Scan# 1628
 Delta R.T. -0.10 min
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 Acq: 27 May 2018 19:34

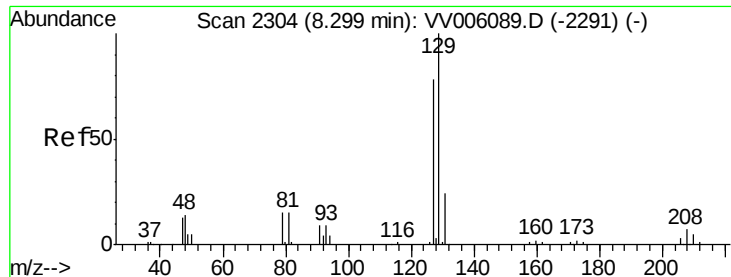
Tgt Ion: 63 Resp: 13104
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#46
 Tetrachloroethene
 Concen: 2.21 ug/L
 RT: 8.02 min Scan# 2218
 Delta R.T. -0.00 min
 Lab File: VV006095.D
 Acq: 27 May 2018 19:34

Tgt Ion: 164 Resp: 3285
 Ion Ratio Lower Upper
 164 100
 129 109.0 63.9 118.7
 131 91.3 61.6 114.4
 166 126.8 88.3 164.1





#49

Dibromochloromethane

Concen: 1.54 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. -0.28 min

Lab File: VV006095.D

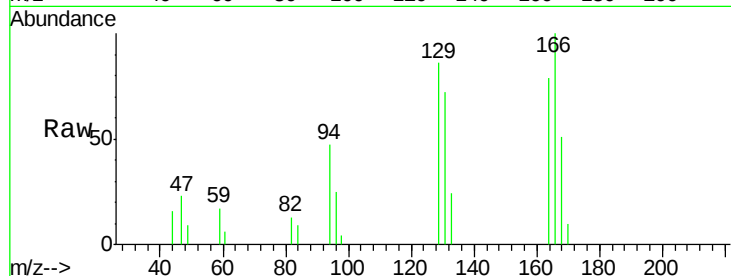
Acq: 27 May 2018 19:34

Tgt Ion: 129 Resp: 2840

Ion Ratio Lower Upper

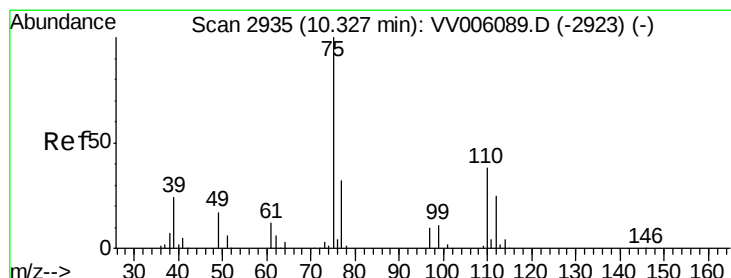
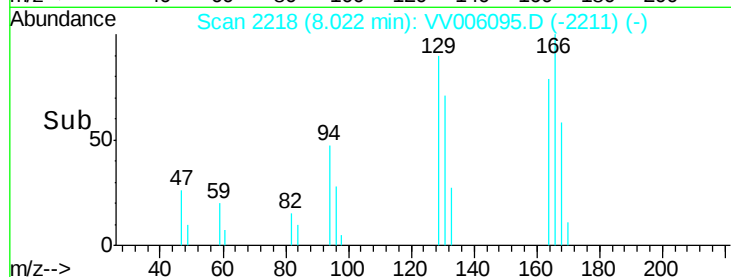
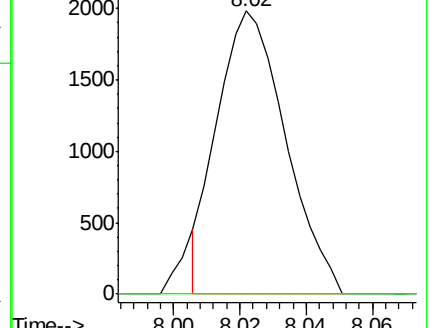
129 100

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: 4.27 ug/L

RT: 11.30 min Scan# 3238

Delta R.T. 0.97 min

Lab File: VV006095.D

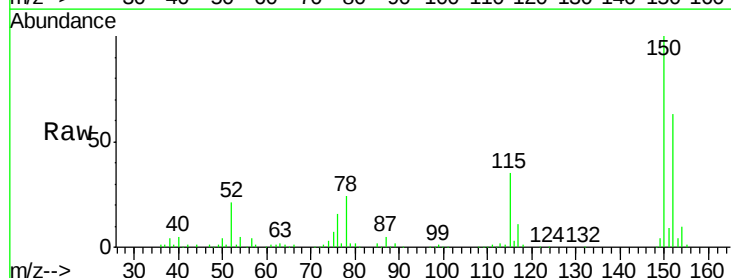
Acq: 27 May 2018 19:34

Tgt Ion: 75 Resp: 10322

Ion Ratio Lower Upper

75 100

77 38.8 25.8 38.8#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

