

Data File : VV006055.D
Acq On : 26 May 2018 15:00
Operator : SY/MD
Sample : J3090-06 100X
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 28 02:05:37 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	168537	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	157163	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	64757	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	56870	48.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.64%
7) Chloroethane-d5	1.55	69	14407	17.31	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	34.62%#
11) 1,1-Dichloroethene-d2	2.12	63	80257	36.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.26%
21) 2-Butanone-d5	3.95	46	57123	84.73	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.73%
24) Chloroform-d	4.40	84	106464	47.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.96%
26) 1,2-Dichloroethane-d4	5.09	65	72368	49.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.94%
32) Benzene-d6	5.10	84	209348	50.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.22%
36) 1,2-Dichloropropane-d6	6.12	67	67278	50.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.42%
41) Toluene-d8	7.36	98	185471	47.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.98%
43) trans-1,3-Dichloropropene-	7.67	79	28460	46.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.14%
47) 2-Hexanone-d5	8.14	63	55316	106.07	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.07%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	93121	51.04	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.08%
64) 1,2-Dichlorobenzene-d4	11.68	152	70108	54.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.86%

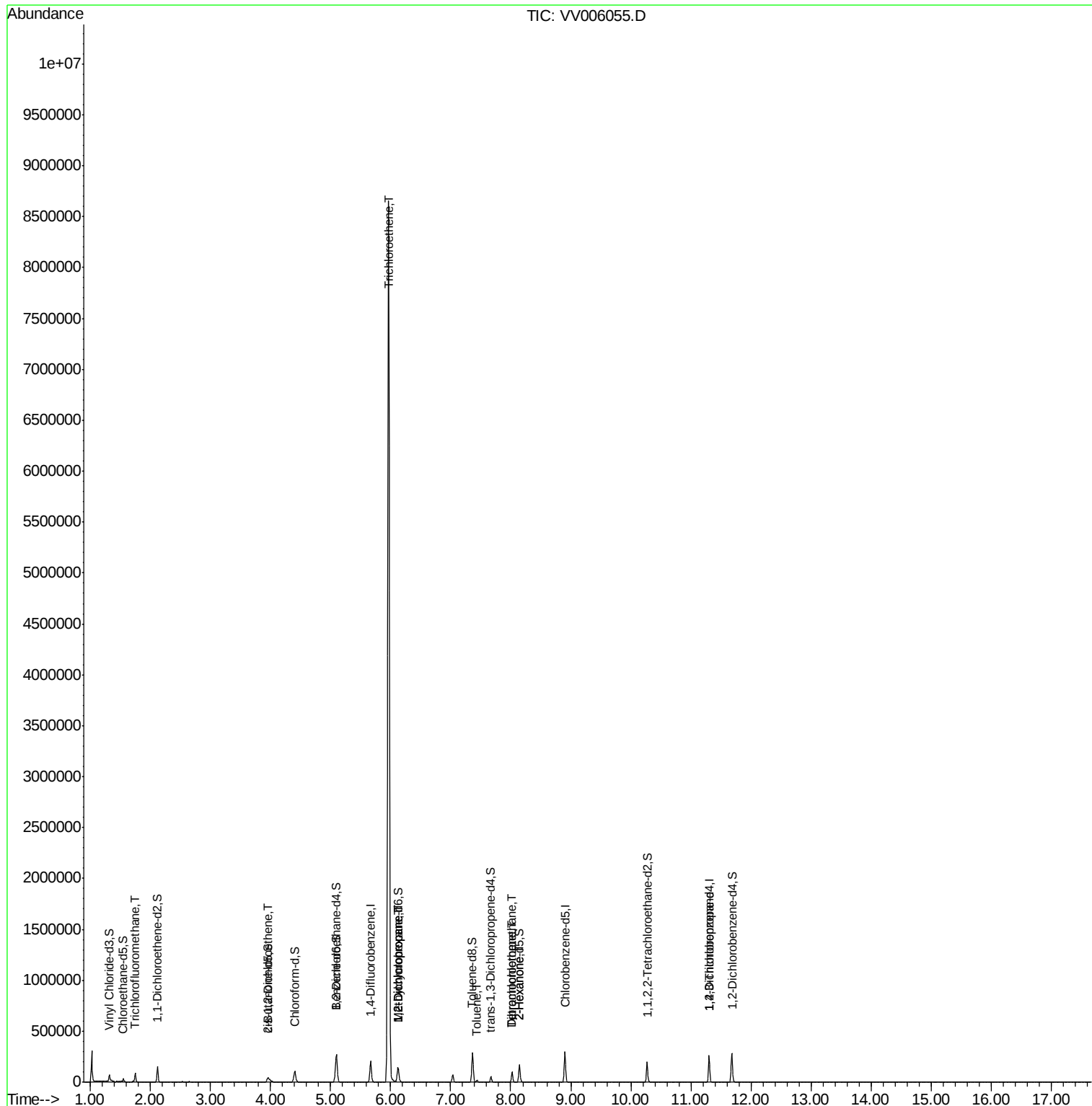
Target Compounds

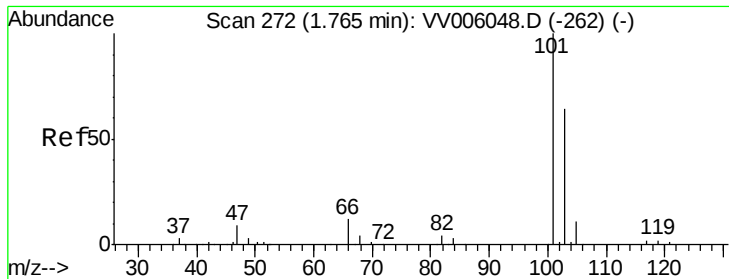
						Qvalue
9) Trichlorofluoromethane	1.75	101	46405	23.23	ug/L	99
20) cis-1,2-Dichloroethene	3.96	96	3106	2.32	ug/L	90
34) Trichloroethene	5.97	95	3041153	2399.16	ug/L	97
35) Methylcyclohexane	6.12	83	16362	8.29	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	7626	5.78	ug/L #	87
42) Toluene	7.44	91	11090	2.16	ug/L	95
46) Tetrachloroethene	8.03	164	20352	21.36	ug/L	97
48) 2-Hexanone	8.14	43	7463	5.58	ug/L #	68
49) Dibromochloromethane	8.03	129	19843	14.90	ug/L #	10
59) 1,2,3-Trichloropropane	11.30	75	7774	4.62	ug/L #	81

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

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#9

Trichlorofluoromethane

Concen: 23.23 ug/L

RT: 1.75 min Scan# 267

Delta R.T. -0.02 min

Lab File: VV006055.D

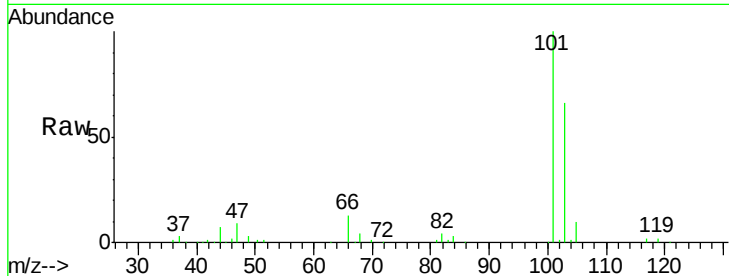
Acq: 26 May 2018 15:00

Tgt Ion: 101 Resp: 46405

Ion Ratio Lower Upper

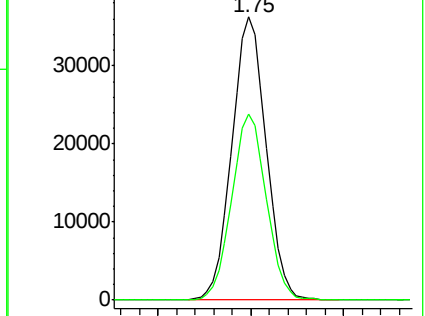
101 100

103 66.4 52.6 78.8

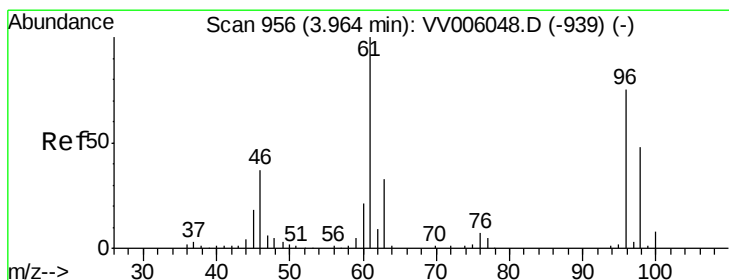
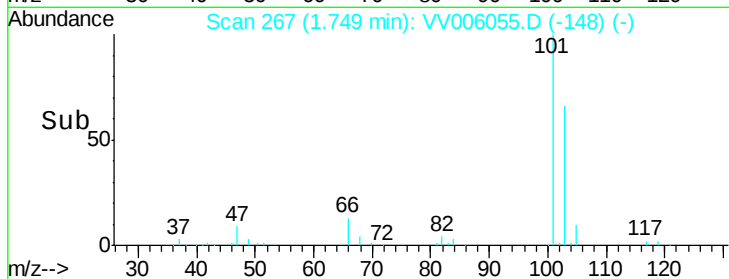


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



Time-->



#20

cis-1,2-Dichloroethene

Concen: 2.32 ug/L

RT: 3.96 min Scan# 956

Delta R.T. 0.00 min

Lab File: VV006055.D

Acq: 26 May 2018 15:00

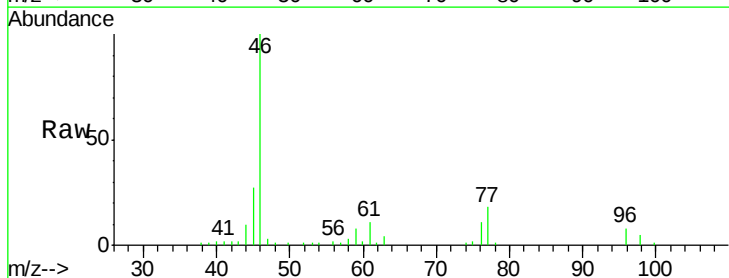
Tgt Ion: 96 Resp: 3106

Ion Ratio Lower Upper

96 100

61 140.0 89.9 167.0

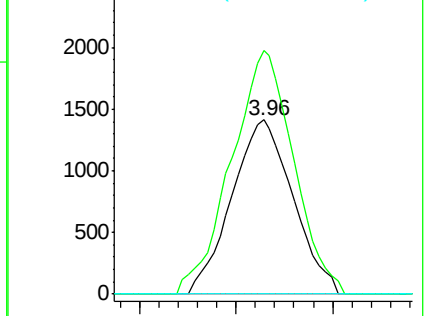
68 0.0 0.0 0.0



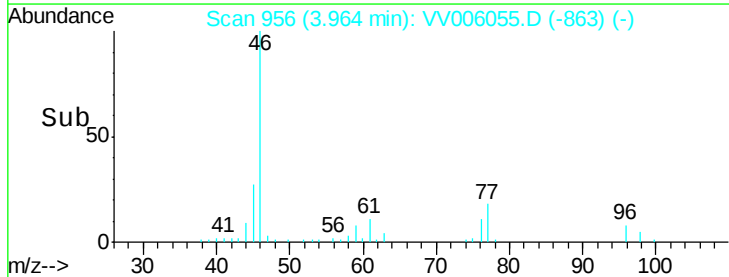
Abundance Ion 96.00 (95.70 to 96.70): VV0

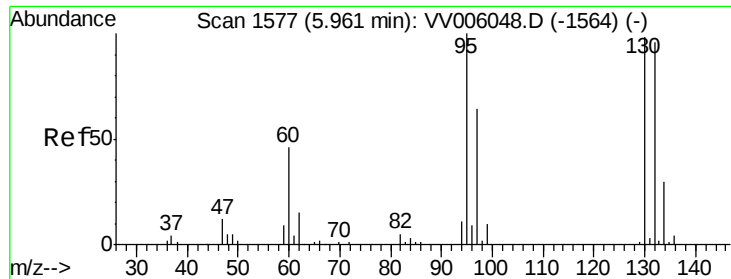
Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0



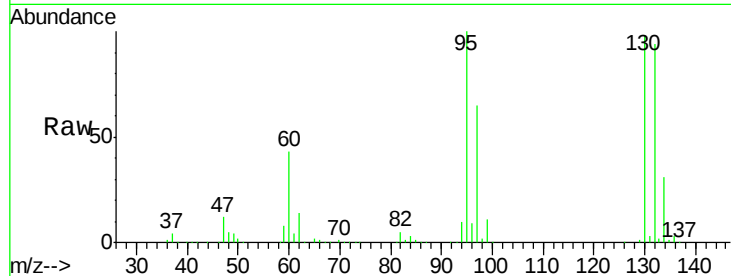
Time-->



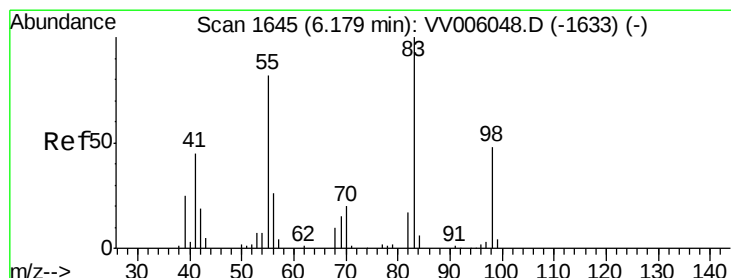
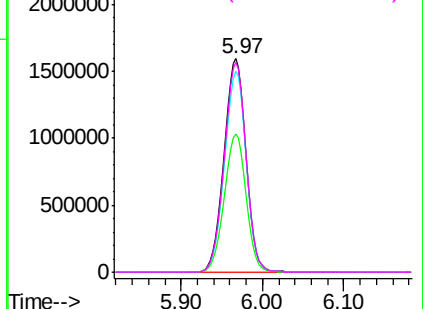
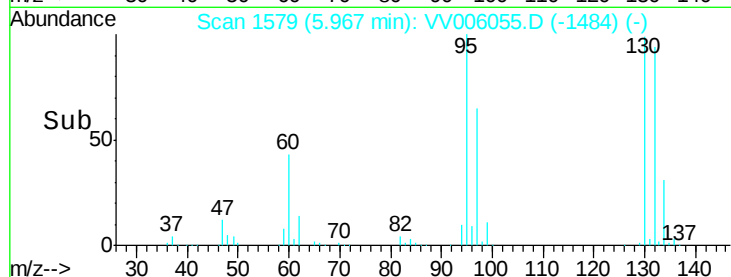


#34
 Trichloroethene
 Concen: 2399.16 ug/L
 RT: 5.97 min Scan# 1579
 Delta R.T. 0.01 min
 Lab File: VV006055.D
 Acq: 26 May 2018 15:00

Tgt Ion: 95 Resp: 3041153
 Ion Ratio Lower Upper
 95 100
 97 65.0 44.0 81.6
 132 94.3 65.0 120.6
 130 98.4 66.6 123.8

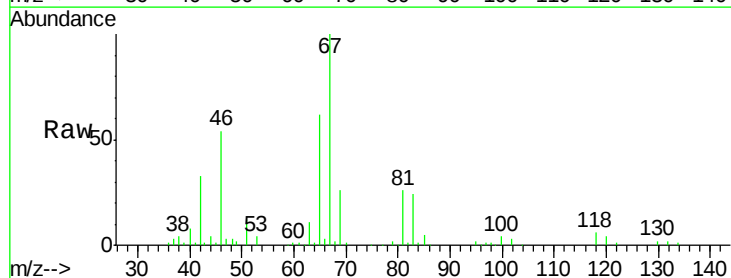


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 97.00 (96.70 to 97.70): VV0
 Ion 132.00 (131.70 to 132.70): VV0
 Ion 130.00 (129.70 to 130.70): VV0

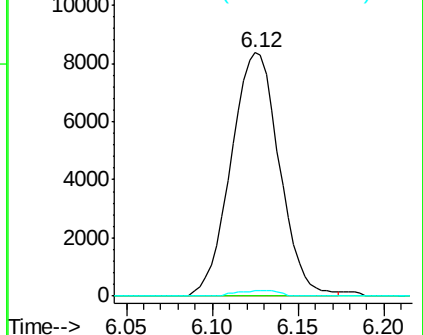
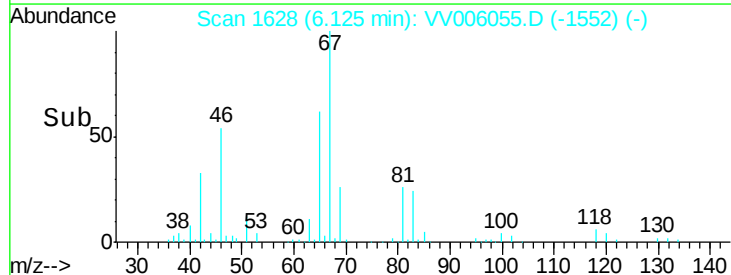


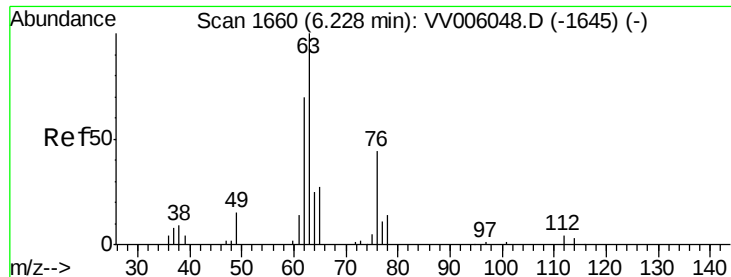
#35
 Methylcyclohexane
 Concen: 8.29 ug/L
 RT: 6.12 min Scan# 1628
 Delta R.T. -0.05 min
 Lab File: VV006055.D
 Acq: 26 May 2018 15:00

Tgt Ion: 83 Resp: 16362
 Ion Ratio Lower Upper
 83 100
 55 0.0 63.1 94.7#
 98 1.9 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: 5.78 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VV006055.D

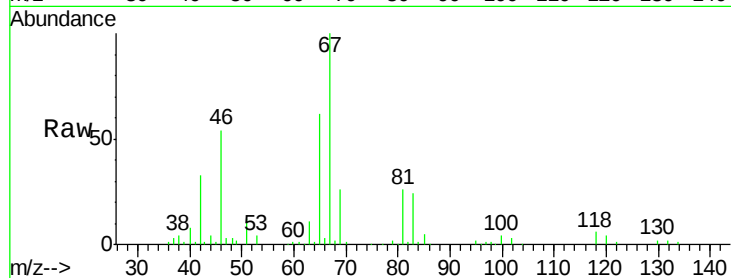
Acq: 26 May 2018 15:00

Tgt Ion: 63 Resp: 7626

Ion Ratio Lower Upper

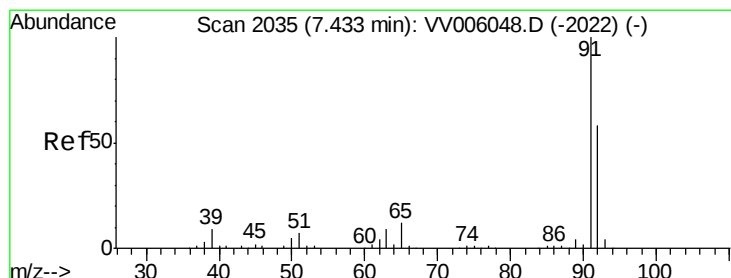
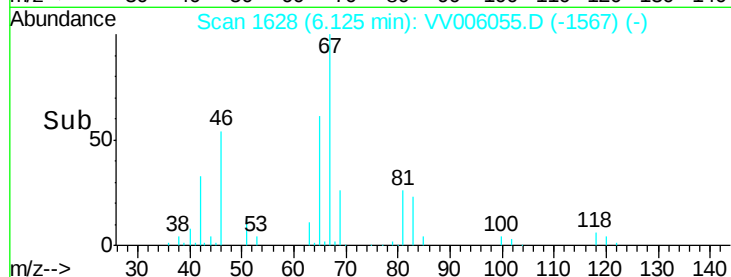
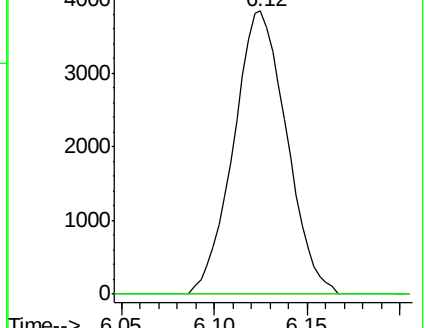
63 100

112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VV006048.D (-1645) (-)

Ion 112.00 (111.70 to 112.70): VV006048.D (-1645) (-)



#42

Toluene

Concen: 2.16 ug/L

RT: 7.44 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VV006055.D

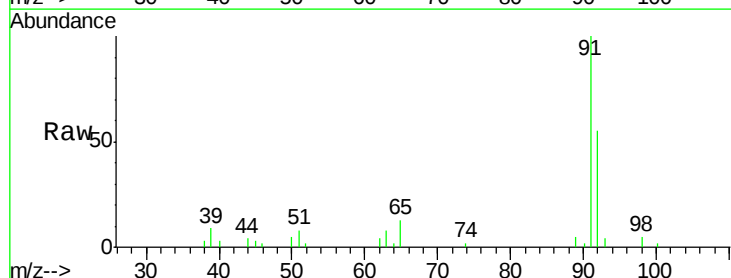
Acq: 26 May 2018 15:00

Tgt Ion: 91 Resp: 11090

Ion Ratio Lower Upper

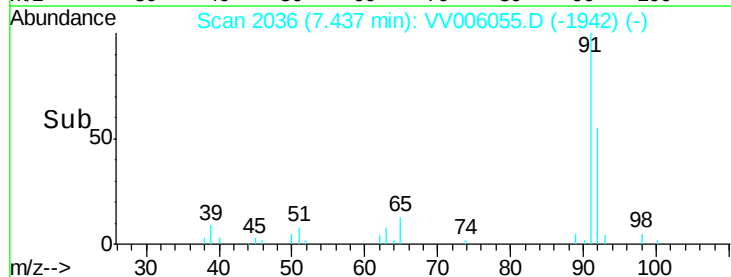
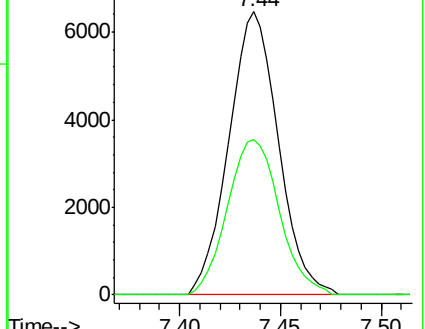
91 100

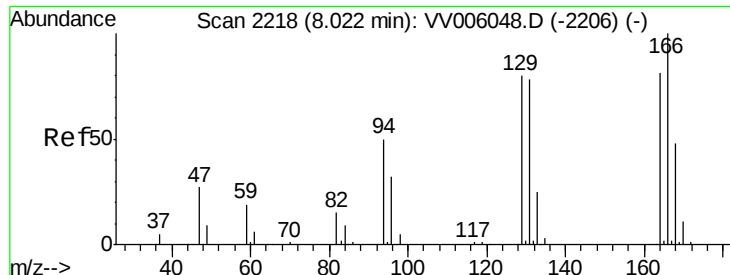
92 54.7 40.7 75.7



Abundance Ion 91.00 (90.70 to 91.70): VV006048.D (-2022) (-)

Ion 92.00 (91.70 to 92.70): VV006048.D (-2022) (-)





#46

Tetrachloroethene

Concen: 21.36 ug/L

RT: 8.03 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VV006055.D

Acq: 26 May 2018 15:00

Tgt Ion: 164 Resp: 20352

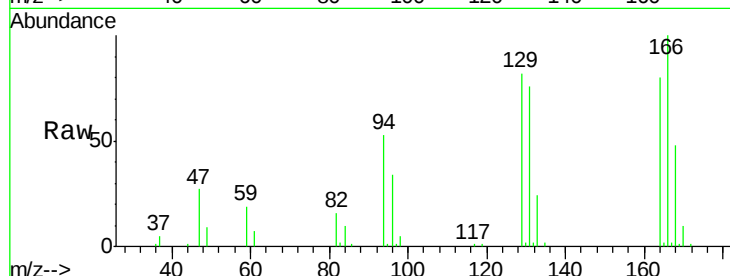
Ion Ratio Lower Upper

164 100

129 102.8 72.2 134.2

131 95.5 70.0 130.0

166 125.7 90.4 167.8

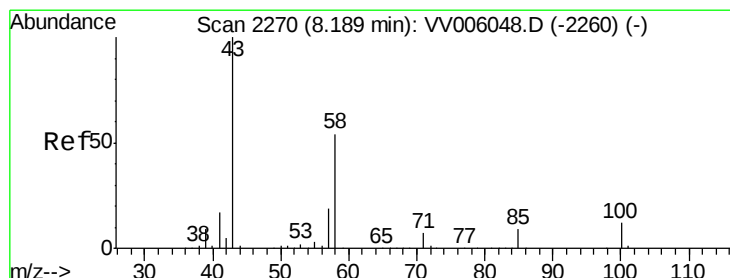
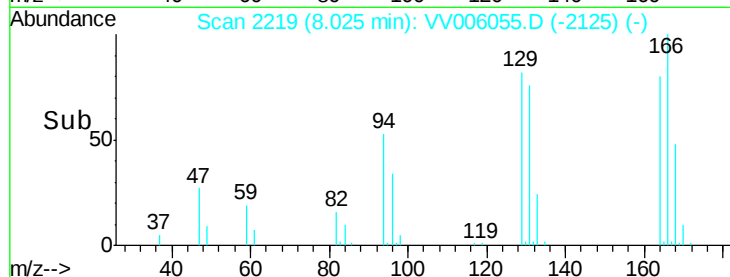
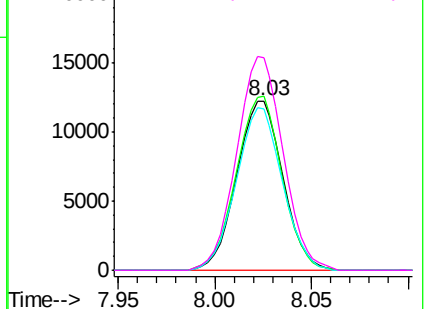


Abundance Ion 164.00 (163.70 to 164.70): V

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



#48

2-Hexanone

Concen: 5.58 ug/L

RT: 8.14 min Scan# 2256

Delta R.T. -0.04 min

Lab File: VV006055.D

Acq: 26 May 2018 15:00

Tgt Ion: 43 Resp: 7463

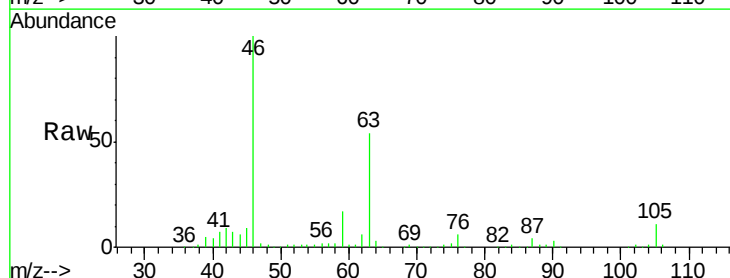
Ion Ratio Lower Upper

43 100

58 30.6 45.4 68.2#

57 30.0 15.9 23.9#

100 0.0 9.8 14.6#

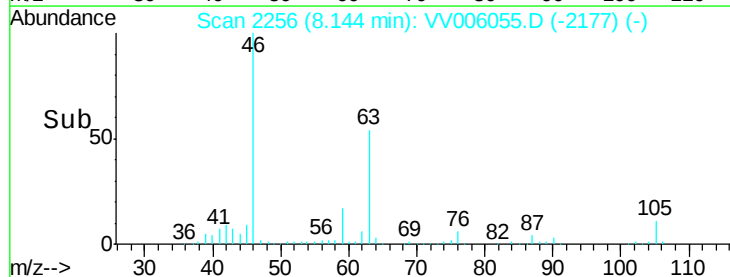
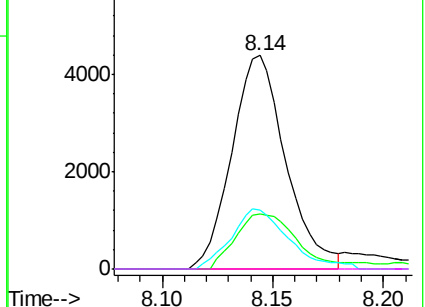


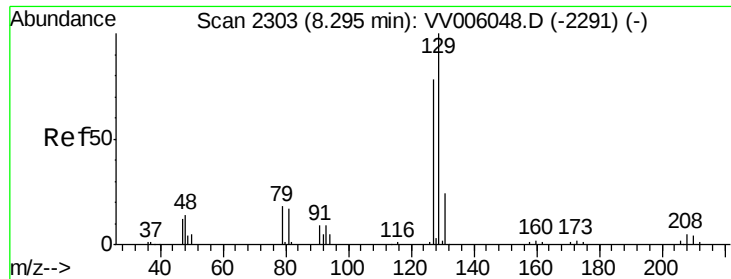
Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0





#49

Dibromochloromethane

Concen: 14.90 ug/L

RT: 8.03 min Scan# 2219

Delta R.T. -0.27 min

Lab File: VV006055.D

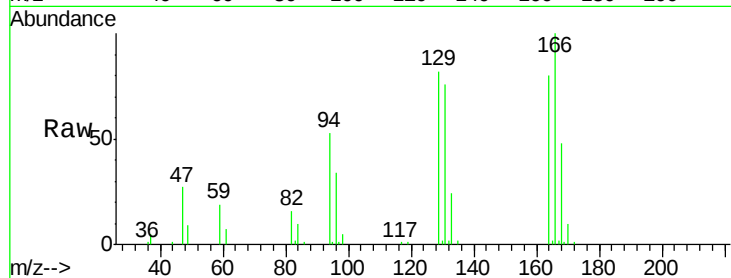
Acq: 26 May 2018 15:00

Tgt Ion: 129 Resp: 19843

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

8.03

15000

10000

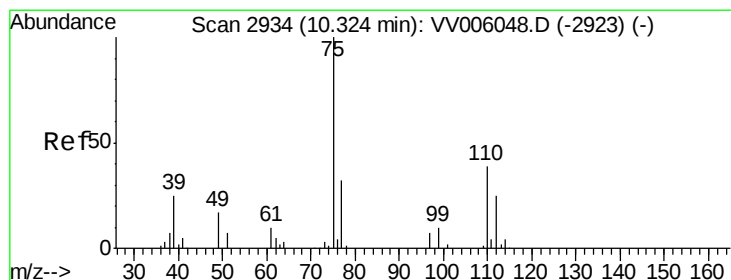
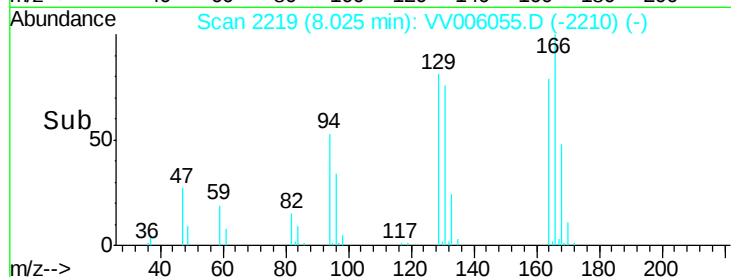
5000

0

Time-->

8.00

8.05



#59

1,2,3-Trichloropropane

Concen: 4.62 ug/L

RT: 11.30 min Scan# 3238

Delta R.T. 0.98 min

Lab File: VV006055.D

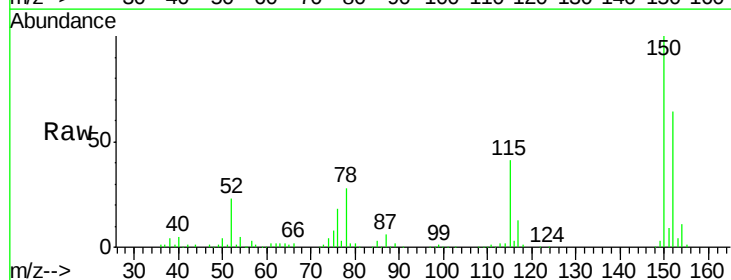
Acq: 26 May 2018 15:00

Tgt Ion: 75 Resp: 7774

Ion Ratio Lower Upper

75 100

77 42.9 25.8 38.6#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

11.30

6000

5000

4000

3000

2000

1000

0

Time-->

11.25

11.30

11.35

