

Data File : VV006103.D
Acq On : 27 May 2018 23:00
Operator : SY/MD
Sample : J3090-15 500X
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Quant Time: May 28 00:50:52 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	243199	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	223635	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	90931	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	94747	46.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.20%
7) Chloroethane-d5	1.55	69	39637	53.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.18%
11) 1,1-Dichloroethene-d2	2.13	63	137788	37.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.68%
21) 2-Butanone-d5	3.95	46	111620	108.67	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.67%
24) Chloroform-d	4.41	84	171884	48.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.36%
26) 1,2-Dichloroethane-d4	5.09	65	117946	50.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.90%
32) Benzene-d6	5.10	84	362050	50.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.22%
36) 1,2-Dichloropropane-d6	6.12	67	121747	51.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.16%
41) Toluene-d8	7.36	98	320862	47.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.66%
43) trans-1,3-Dichloropropene-	7.67	79	47917	46.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.40%
47) 2-Hexanone-d5	8.14	63	92692	99.47	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.47%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	159227	47.01	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.02%
64) 1,2-Dichlorobenzene-d4	11.68	152	122896	53.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.92%

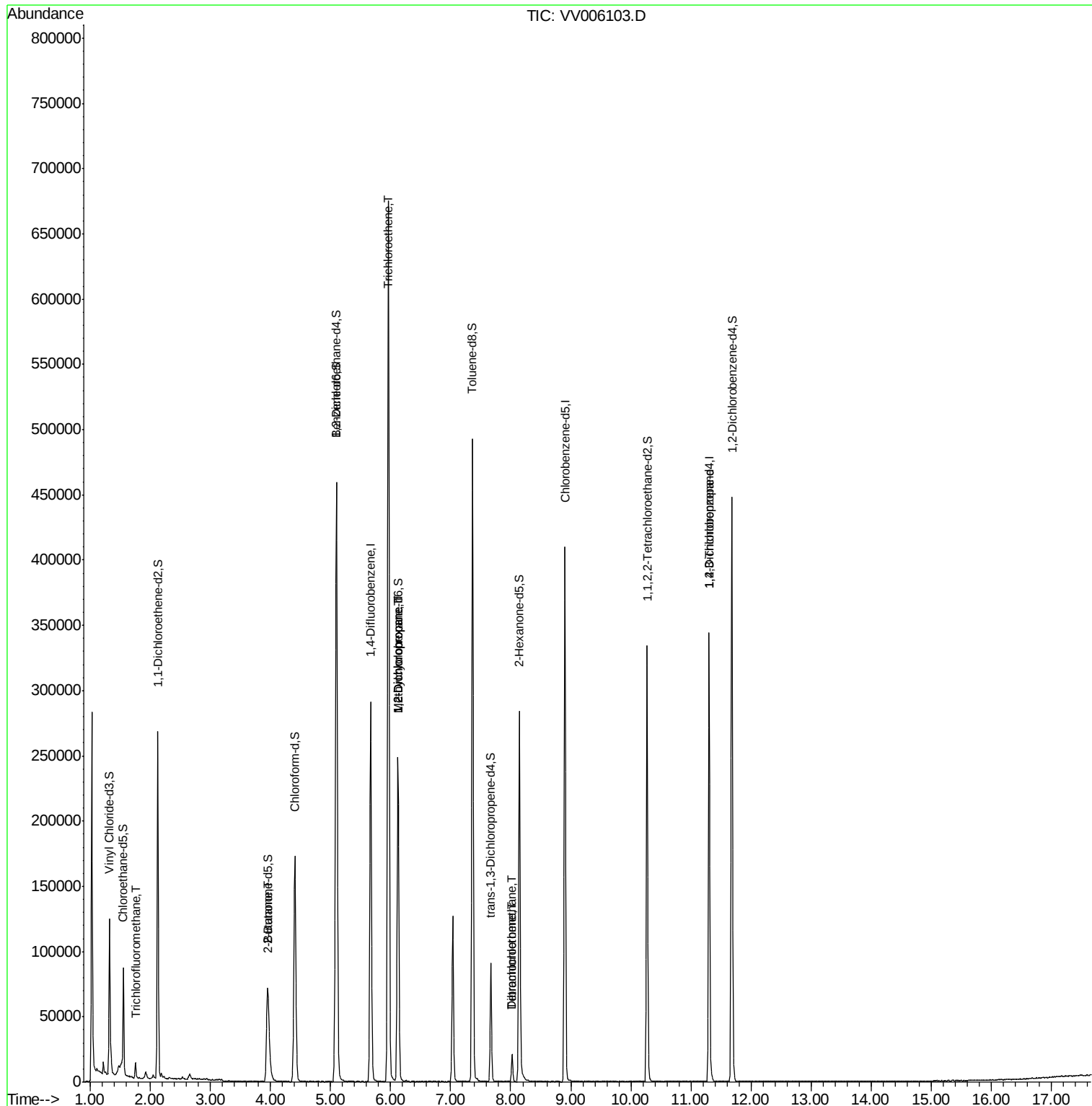
Target Compounds

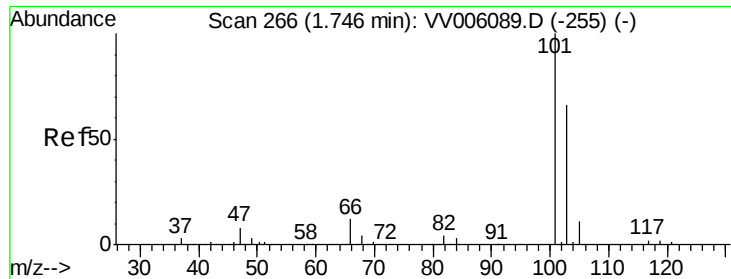
						Qvalue
9) Trichlorofluoromethane	1.76	101	5145	1.83	ug/L	97
22) 2-Butanone	3.97	43	2189	1.48	ug/L #	52
34) Trichloroethene	5.96	95	231688	131.24	ug/L	100
35) Methylcyclohexane	6.12	83	27967	9.78	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	13046	6.80	ug/L #	88
46) Tetrachloroethene	8.02	164	5067	3.44	ug/L	89
49) Dibromochloromethane	8.02	129	4156	2.28	ug/L #	11
59) 1,2,3-Trichloropropane	11.30	75	10095	4.22	ug/L	91

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

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#9

Trichlorofluoromethane

Concen: 1.83 ug/L

RT: 1.76 min Scan# 269

Delta R.T. 0.01 min

Lab File: VV006103.D

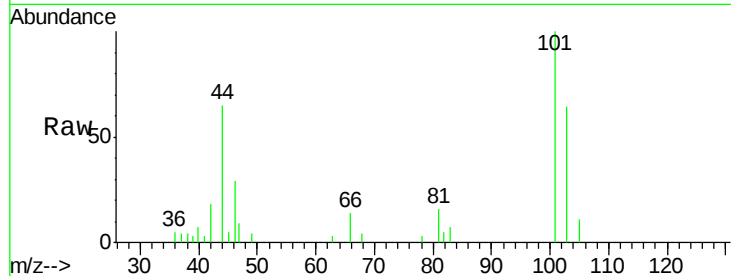
Acq: 27 May 2018 23:00

Tgt Ion: 101 Resp: 5145

Ion Ratio Lower Upper

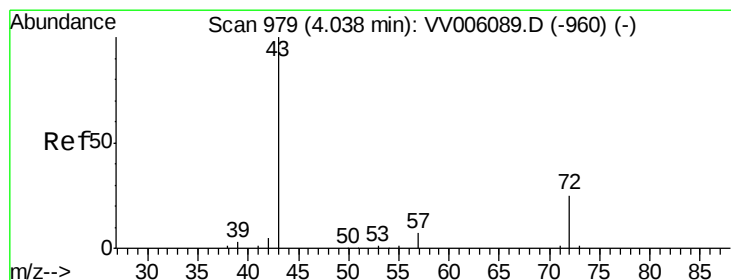
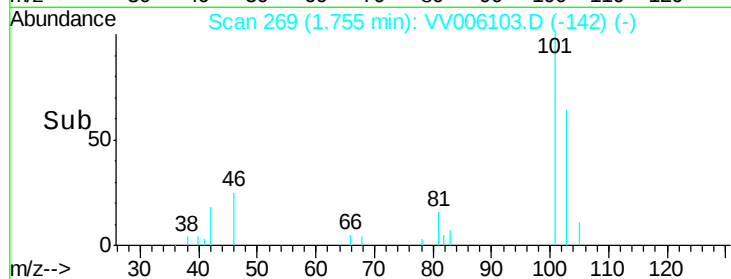
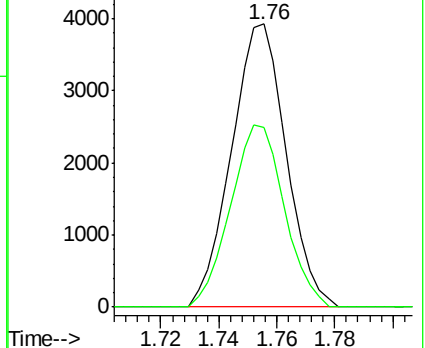
101 100

103 63.2 52.2 78.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#22

2-Butanone

Concen: 1.48 ug/L

RT: 3.97 min Scan# 959

Delta R.T. -0.06 min

Lab File: VV006103.D

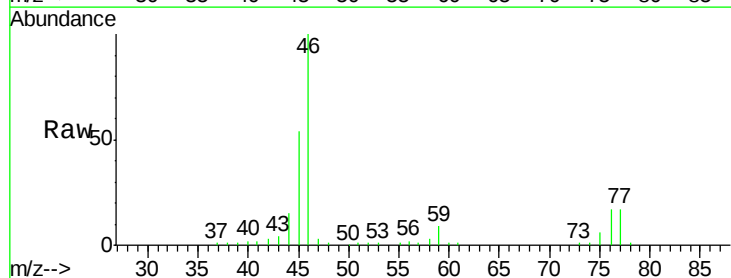
Acq: 27 May 2018 23:00

Tgt Ion: 43 Resp: 2189

Ion Ratio Lower Upper

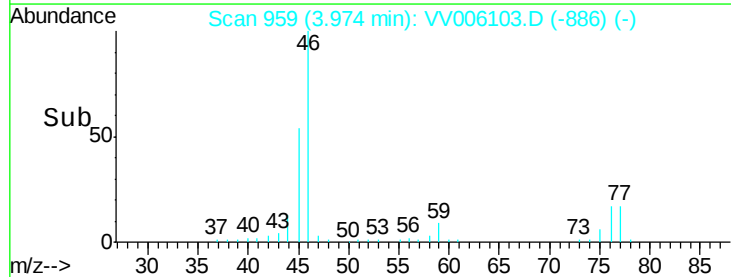
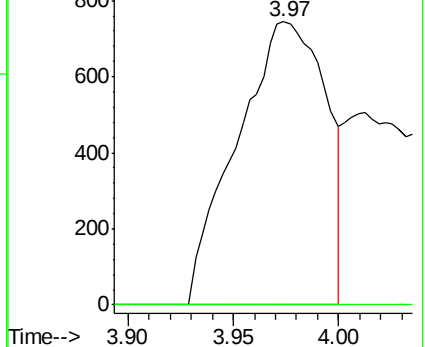
43 100

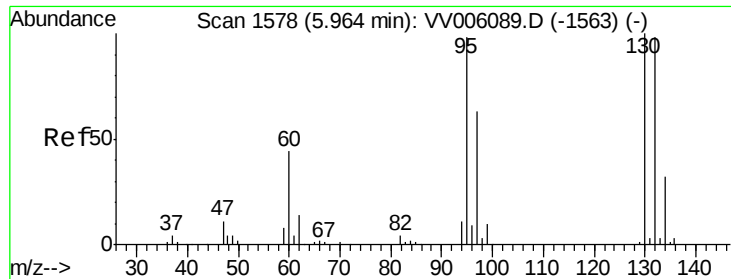
72 0.0 11.9 35.5#



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 72.00 (71.70 to 72.70): VV0





#34

Trichloroethene

Concen: 131.24 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. -0.00 min

Lab File: VV006103.D

Acq: 27 May 2018 23:00

Tgt Ion: 95 Resp: 231688

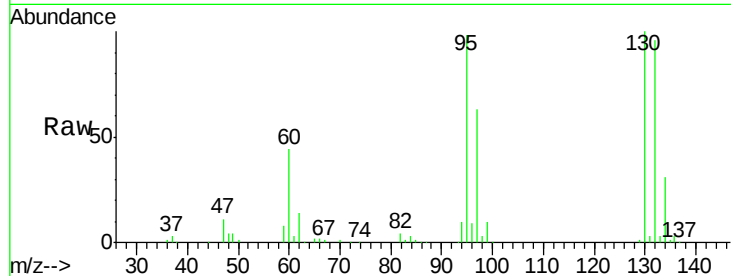
Ion Ratio Lower Upper

95 100

97 64.6 45.4 84.4

132 98.3 69.0 128.2

130 102.2 71.2 132.2

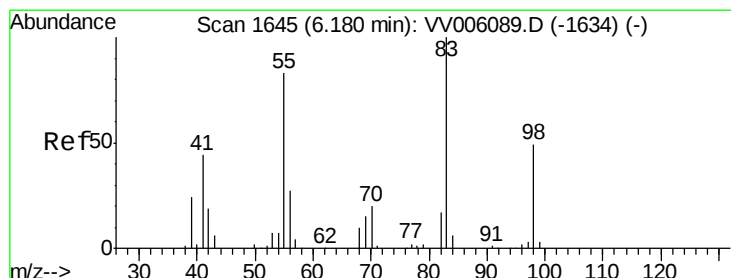
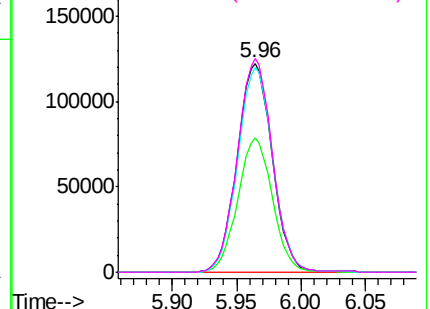
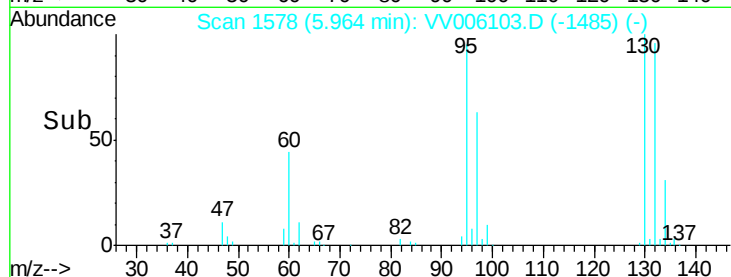


Abundance Ion 95.00 (94.70 to 95.70): VV006103.D (-1485) (-)

Ion 97.00 (96.70 to 97.70): VV006103.D (-1485) (-)

Ion 132.00 (131.70 to 132.70): VV006103.D (-1485) (-)

Ion 130.00 (129.70 to 130.70): VV006103.D (-1485) (-)



#35

Methylcyclohexane

Concen: 9.78 ug/L

RT: 6.12 min Scan# 1627

Delta R.T. -0.06 min

Lab File: VV006103.D

Acq: 27 May 2018 23:00

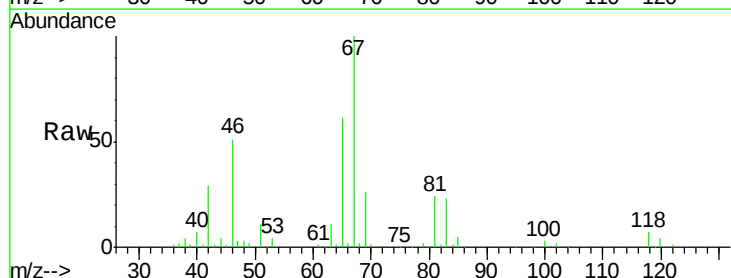
Tgt Ion: 83 Resp: 27967

Ion Ratio Lower Upper

83 100

55 0.0 62.8 94.2#

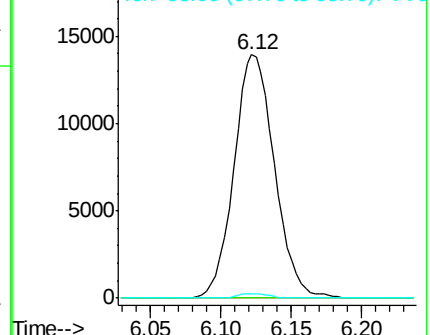
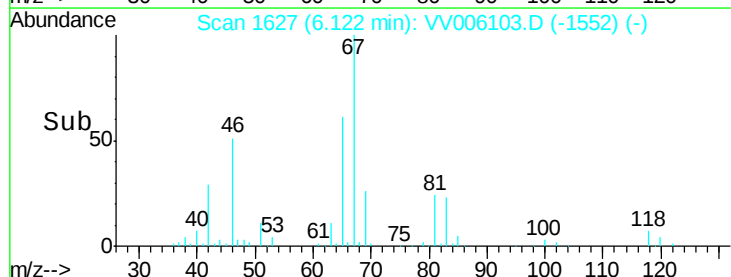
98 1.3 37.5 56.3#

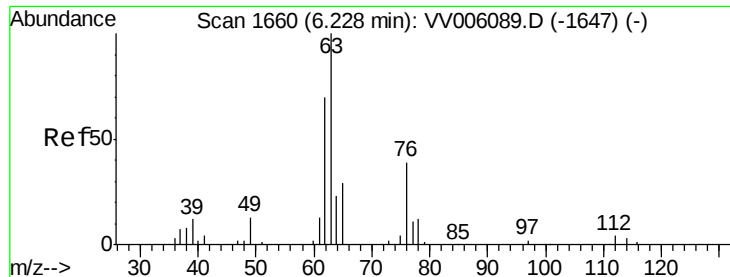


Abundance Ion 83.00 (82.70 to 83.70): VV006103.D (-1552) (-)

Ion 55.00 (54.70 to 55.70): VV006103.D (-1552) (-)

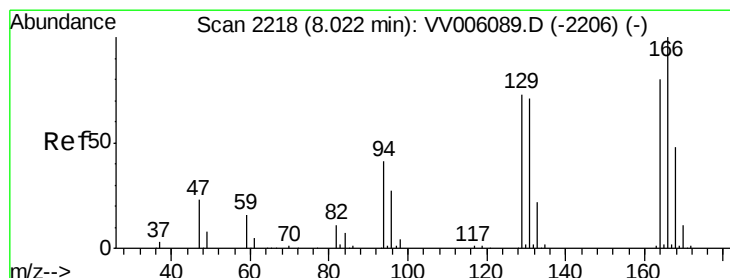
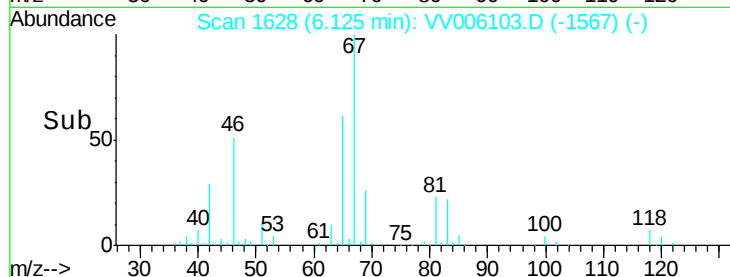
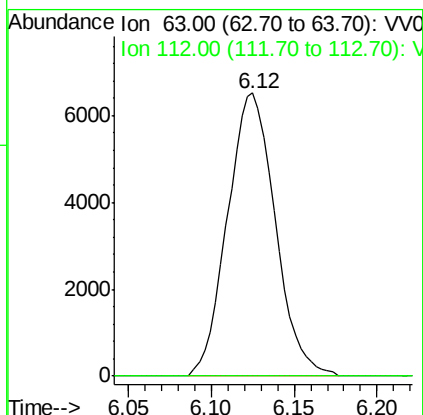
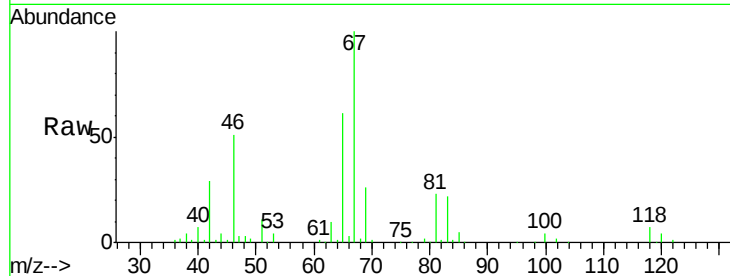
Ion 98.00 (97.70 to 98.70): VV006103.D (-1552) (-)





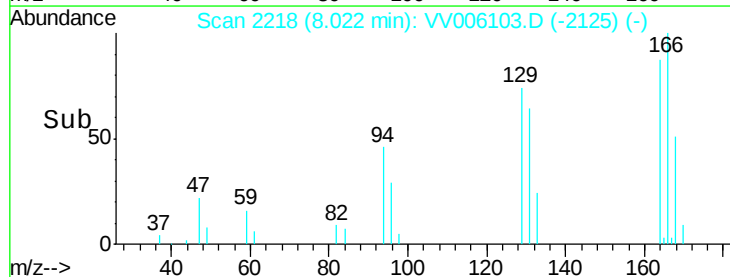
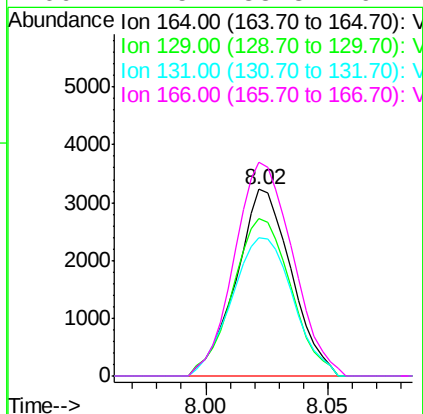
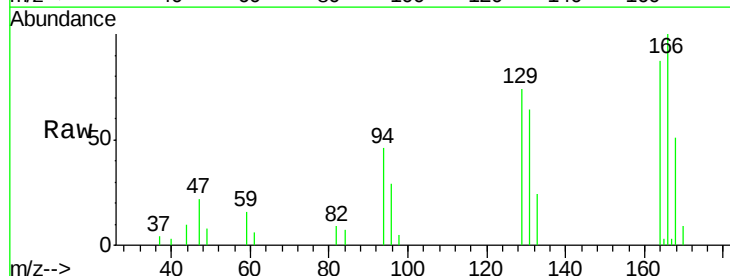
#37
 1,2-Dichloropropane
 Concen: 6.80 ug/L
 RT: 6.12 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VV006103.D
 Acq: 27 May 2018 23:00

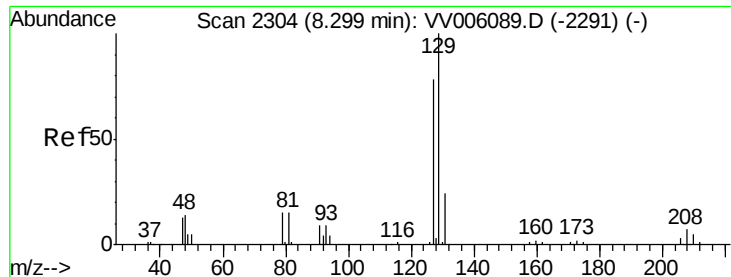
Tgt Ion: 63 Resp: 13046
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#46
 Tetrachloroethene
 Concen: 3.44 ug/L
 RT: 8.02 min Scan# 2218
 Delta R.T. -0.00 min
 Lab File: VV006103.D
 Acq: 27 May 2018 23:00

Tgt Ion: 164 Resp: 5067
 Ion Ratio Lower Upper
 164 100
 129 84.4 63.9 118.7
 131 73.8 61.6 114.4
 166 114.5 88.3 164.1





#49

Dibromochloromethane

Concen: 2.28 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. -0.28 min

Lab File: VV006103.D

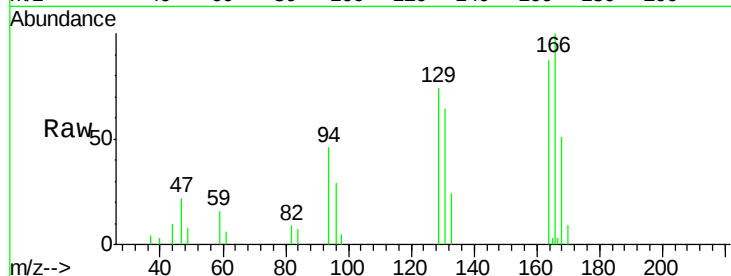
Acq: 27 May 2018 23:00

Tgt Ion: 129 Resp: 4156

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

8.02

2500

2000

1500

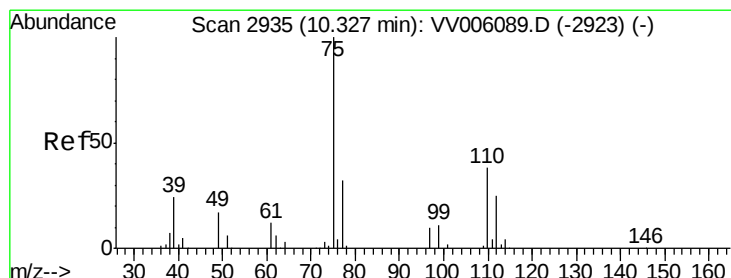
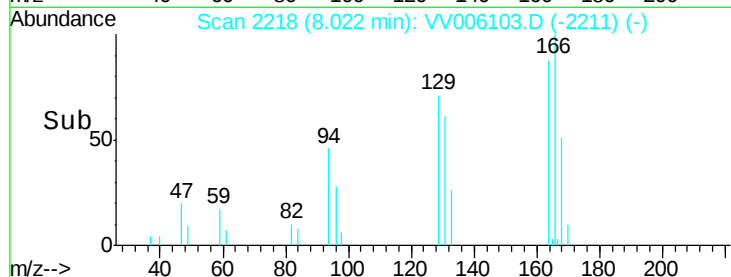
1000

500

0

8.00 8.02 8.04 8.06

Time-->



#59

1,2,3-Trichloropropane

Concen: 4.22 ug/L

RT: 11.30 min Scan# 3238

Delta R.T. 0.97 min

Lab File: VV006103.D

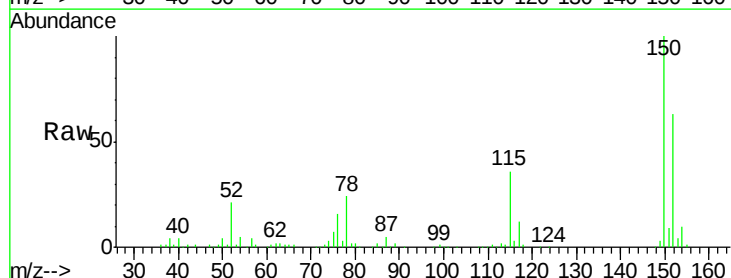
Acq: 27 May 2018 23:00

Tgt Ion: 75 Resp: 10095

Ion Ratio Lower Upper

75 100

77 37.4 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

11.30

6000

4000

2000

0

11.25 11.30 11.35

Time-->

