

Data File : VV006059.D
Acq On : 26 May 2018 16:44
Operator : SY/MD
Sample : J3090-10 100X
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Quant Time: May 28 02:06:34 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	165379	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	153927	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	60201	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	55333	47.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.82%
7) Chloroethane-d5	1.55	69	15742	19.27	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	38.54%#
11) 1,1-Dichloroethene-d2	2.12	63	76062	35.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.76%
21) 2-Butanone-d5	3.96	46	55643	84.11	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.11%
24) Chloroform-d	4.40	84	103140	47.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.74%
26) 1,2-Dichloroethane-d4	5.09	65	71266	50.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.28%
32) Benzene-d6	5.10	84	204690	50.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.04%
36) 1,2-Dichloropropane-d6	6.12	67	66020	50.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.62%
41) Toluene-d8	7.36	98	178518	47.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.32%
43) trans-1,3-Dichloropropene-	7.67	79	27954	46.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.42%
47) 2-Hexanone-d5	8.14	63	54862	107.41	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.41%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	90198	50.48	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.96%
64) 1,2-Dichlorobenzene-d4	11.68	152	65853	55.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.00%

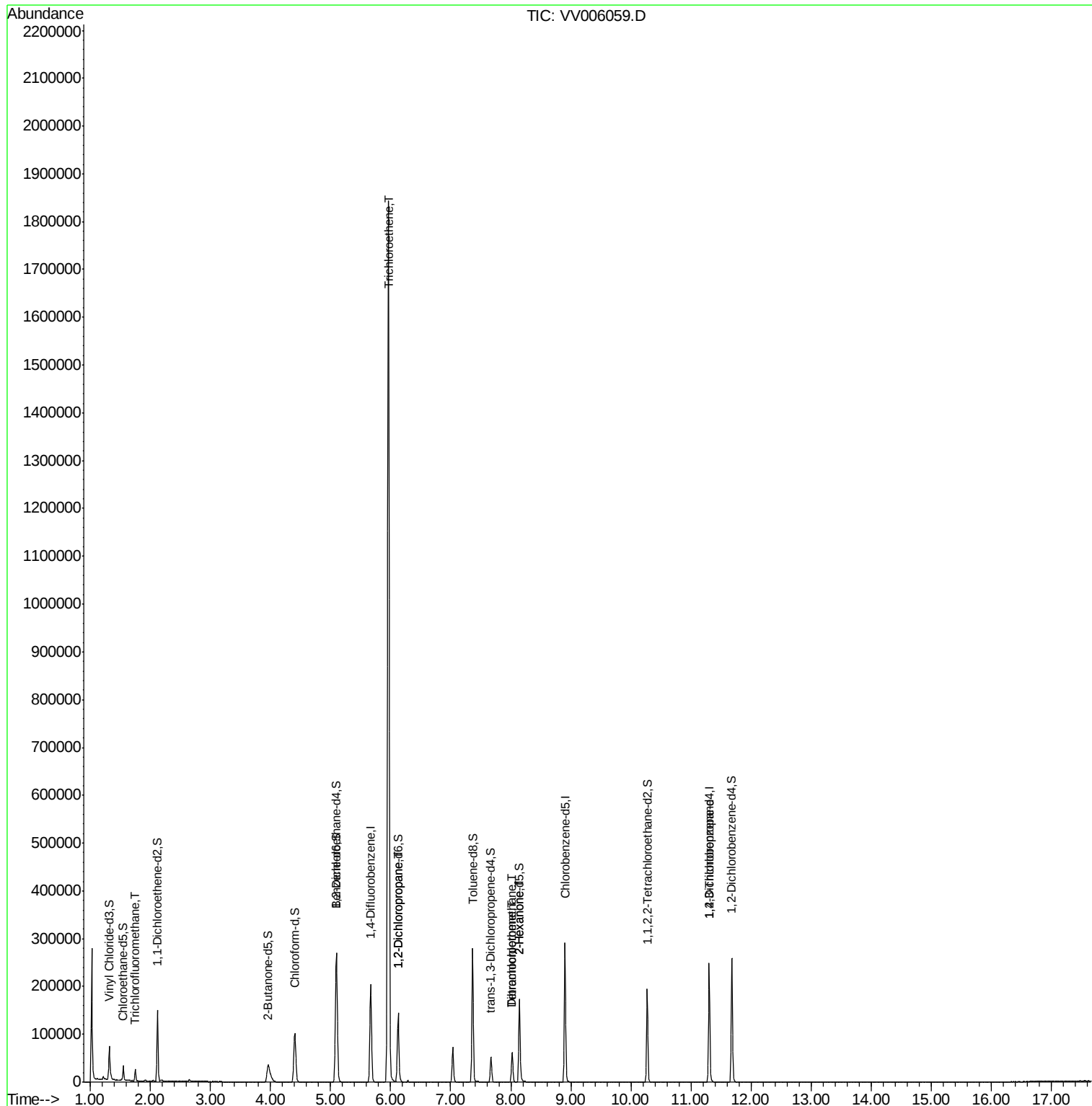
Target Compounds

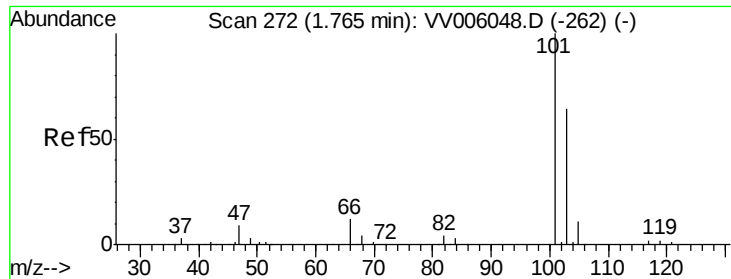
						Qvalue
9) Trichlorofluoromethane	1.75	101	13212	6.74	ug/L	96
34) Trichloroethene	5.96	95	640547	515.95	ug/L	98
37) 1,2-Dichloropropane	6.12	63	7426	5.74	ug/L #	87
46) Tetrachloroethene	8.02	164	13135	14.08	ug/L	98
48) 2-Hexanone	8.14	43	7437	5.68	ug/L #	68
49) Dibromochloromethane	8.02	129	12976	9.95	ug/L #	10
59) 1,2,3-Trichloropropane	11.30	75	7840	4.76	ug/L	90

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

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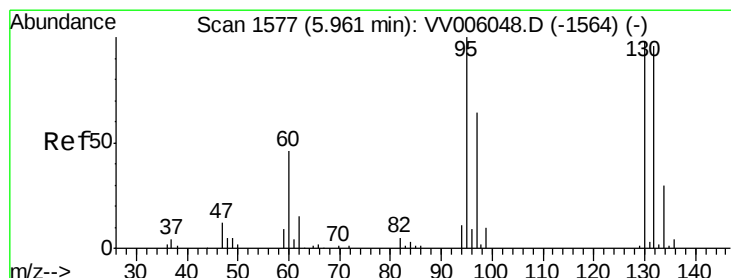
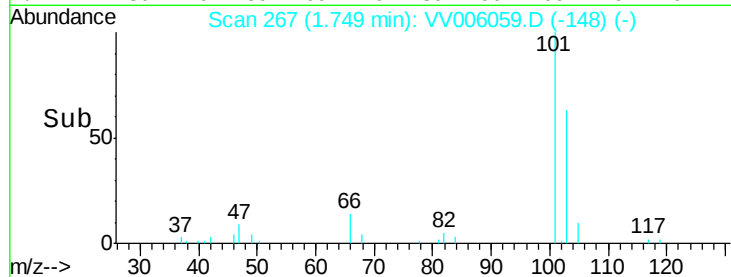
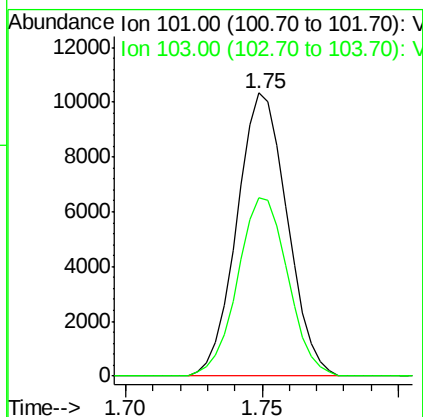
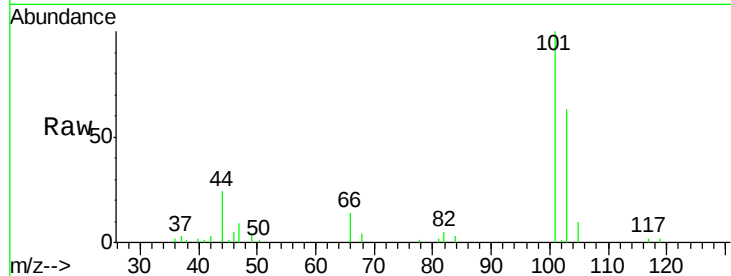
Quant Time: May 28 02:06:34 2018
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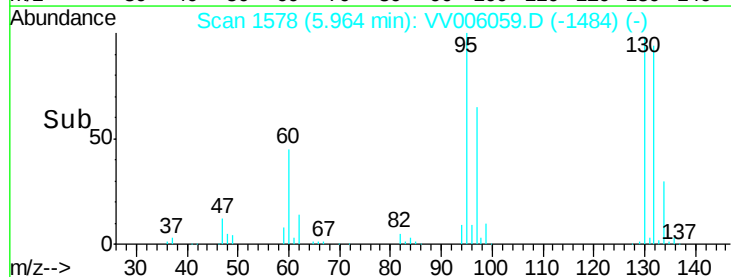
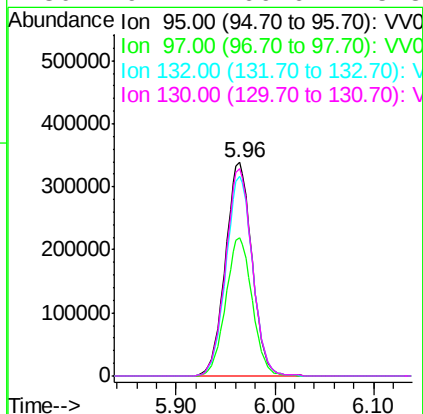
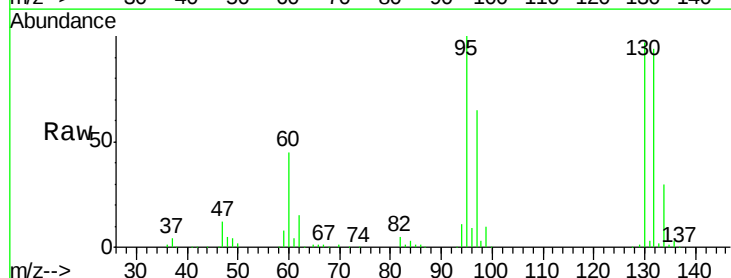
#9
 Trichlorofluoromethane
 Concen: 6.74 ug/L
 RT: 1.75 min Scan# 267
 Delta R.T. -0.02 min
 Lab File: VV006059.D
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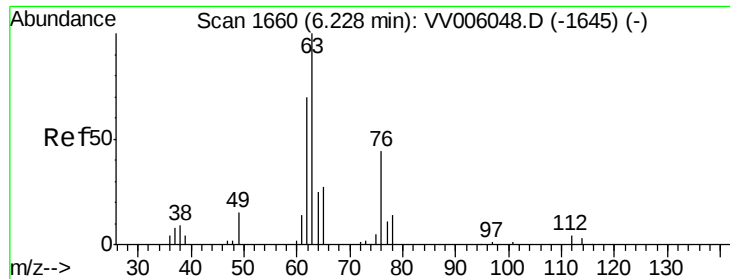
Tgt Ion: 101 Resp: 13212
 Ion Ratio Lower Upper
 101 100
 103 62.8 52.6 78.8



#34
 Trichloroethene
 Concen: 515.95 ug/L
 RT: 5.96 min Scan# 1578
 Delta R.T. 0.00 min
 Lab File: VV006059.D
 Acq: 26 May 2018 16:44

Tgt Ion: 95 Resp: 640547
 Ion Ratio Lower Upper
 95 100
 97 64.6 44.0 81.6
 132 93.7 65.0 120.6
 130 97.2 66.6 123.8





#37

1,2-Dichloropropane

Concen: 5.74 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VV006059.D

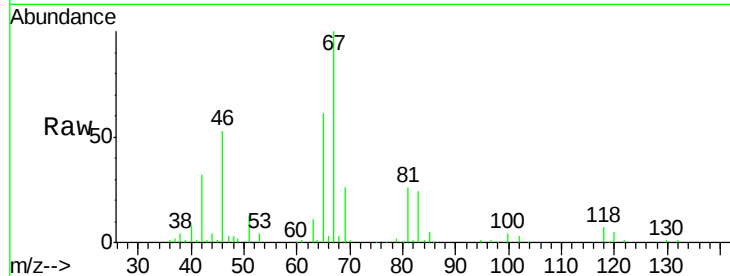
Acq: 26 May 2018 16:44

Tgt Ion: 63 Resp: 7426

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) (-)

6.12

4000

3000

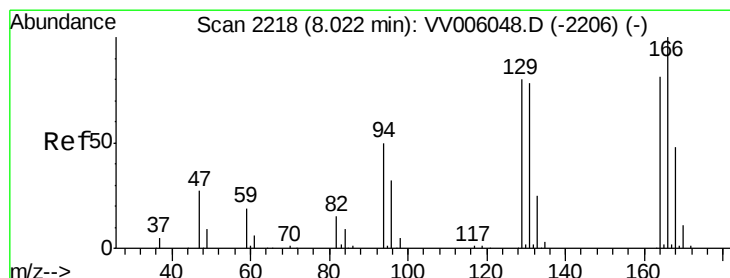
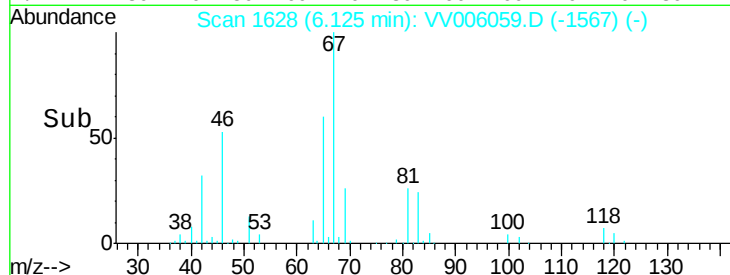
2000

1000

0

6.10 6.15

Time-->



#46

Tetrachloroethene

Concen: 14.08 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VV006059.D

Acq: 26 May 2018 16:44

Tgt Ion: 164 Resp: 13135

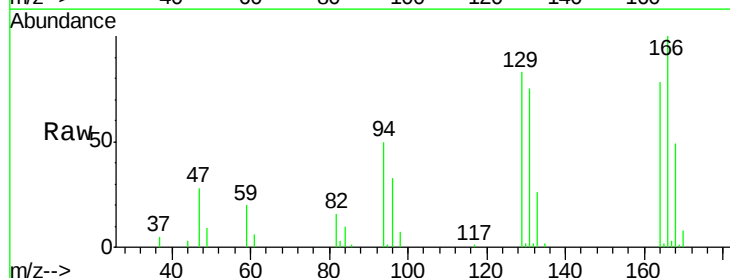
Ion Ratio Lower Upper

164 100

129 106.4 72.2 134.2

131 96.8 70.0 130.0

166 128.6 90.4 167.8



Abundance Ion 164.00 (163.70 to 164.70): VV006048.D (-2206) (-)

Ion 129.00 (128.70 to 129.70): VV006048.D (-2206) (-)

Ion 131.00 (130.70 to 131.70): VV006048.D (-2206) (-)

Ion 166.00 (165.70 to 166.70): VV006048.D (-2206) (-)

8.02

15000

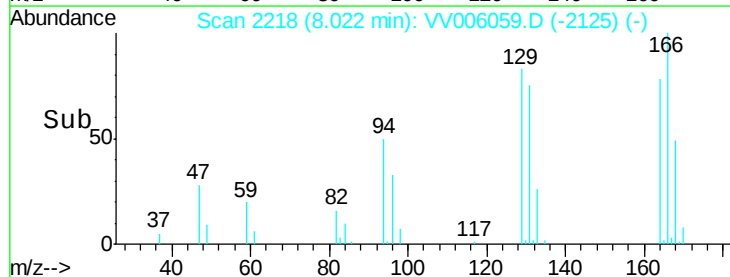
10000

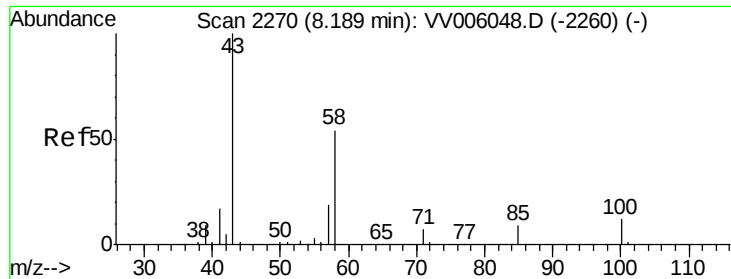
5000

0

8.00 8.05

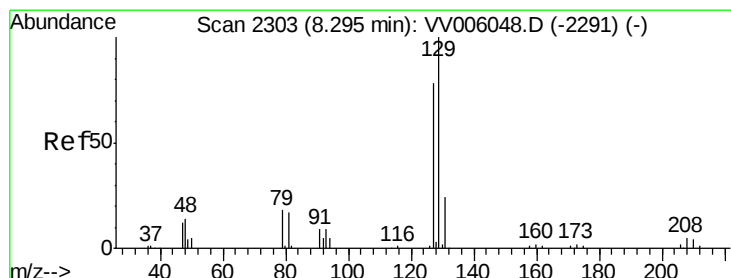
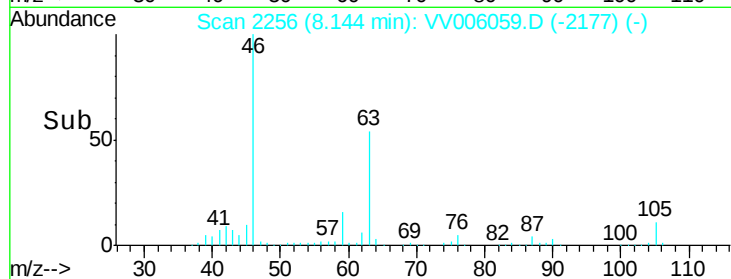
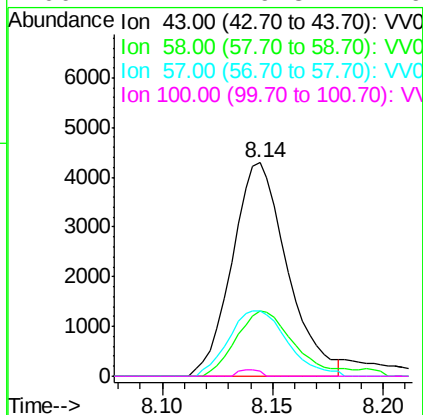
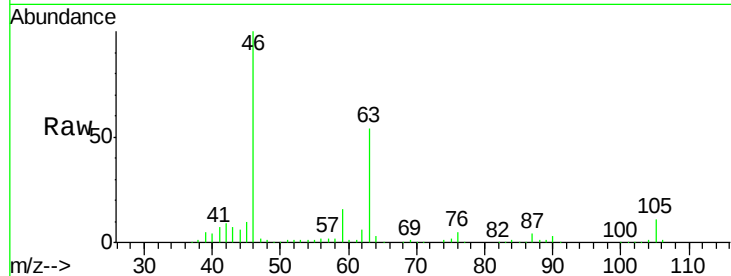
Time-->





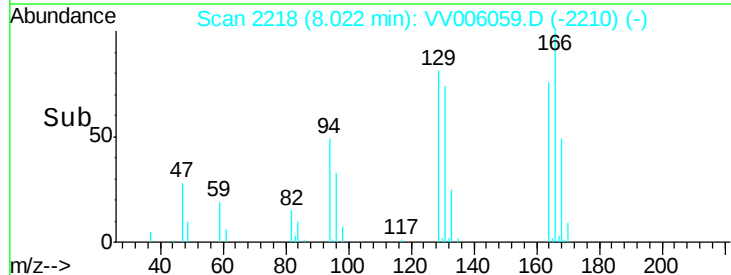
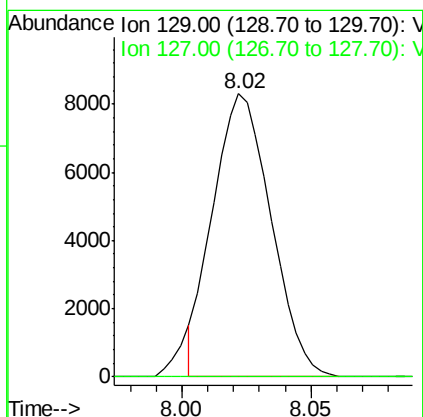
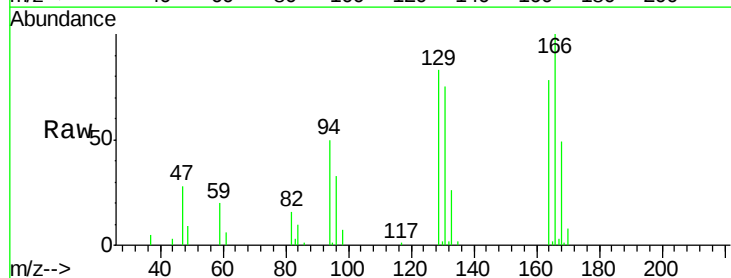
#48
 2-Hexanone
 Concen: 5.68 ug/L
 RT: 8.14 min Scan# 2256
 Delta R.T. -0.04 min
 Lab File: VV006059.D
 Acq: 26 May 2018 16:44

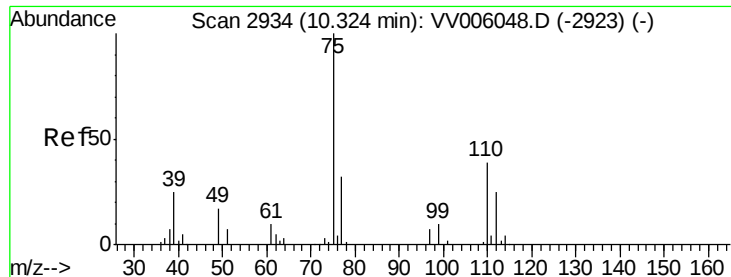
Tgt Ion: 43 Resp: 7437
 Ion Ratio Lower Upper
 43 100
 58 31.5 45.4 68.2#
 57 32.7 15.9 23.9#
 100 1.2 9.8 14.6#



#49
 Dibromochloromethane
 Concen: 9.95 ug/L
 RT: 8.02 min Scan# 2218
 Delta R.T. -0.27 min
 Lab File: VV006059.D
 Acq: 26 May 2018 16:44

Tgt Ion: 129 Resp: 12976
 Ion Ratio Lower Upper
 129 100
 127 0.0 54.8 101.8#





#59

1,2,3-Trichloropropane

Concen: 4.76 ug/L

RT: 11.30 min Scan# 3238

Delta R.T. 0.98 min

Lab File: VV006059.D

Acq: 26 May 2018 16:44

Tgt Ion: 75 Resp: 7840

Ion Ratio Lower Upper

75 100

77 37.9 25.8 38.6

