

Data File : VV009448.D
Acq On : 01 Mar 2019 11:58
Operator : SY/MD
Sample : K1599-11
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 02 00:10:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR022819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Mar 02 00:06:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	91176	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	86118	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	39685	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	23901	5.02	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.40%
7) Chloroethane-d5	1.58	69	22170	5.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.00%
11) 1,1-Dichloroethene-d2	2.13	63	46331	3.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.00%
20) 2-Butanone-d5	3.97	46	52293	57.90	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.80%
24) Chloroform-d	4.41	84	49329	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.80%
26) 1,2-Dichloroethane-d4	5.09	65	25222	5.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.60%
32) Benzene-d6	5.10	84	101402	5.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.80%
36) 1,2-Dichloropropane-d6	6.12	67	30874	5.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.00%
41) Toluene-d8	7.36	98	99959	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.80%
43) trans-1,3-Dichloropropene-	7.67	79	12612	5.12	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.40%
46) 2-Hexanone-d5	8.14	63	45963	57.49	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.98%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	23010	5.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	36281	5.68	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.60%

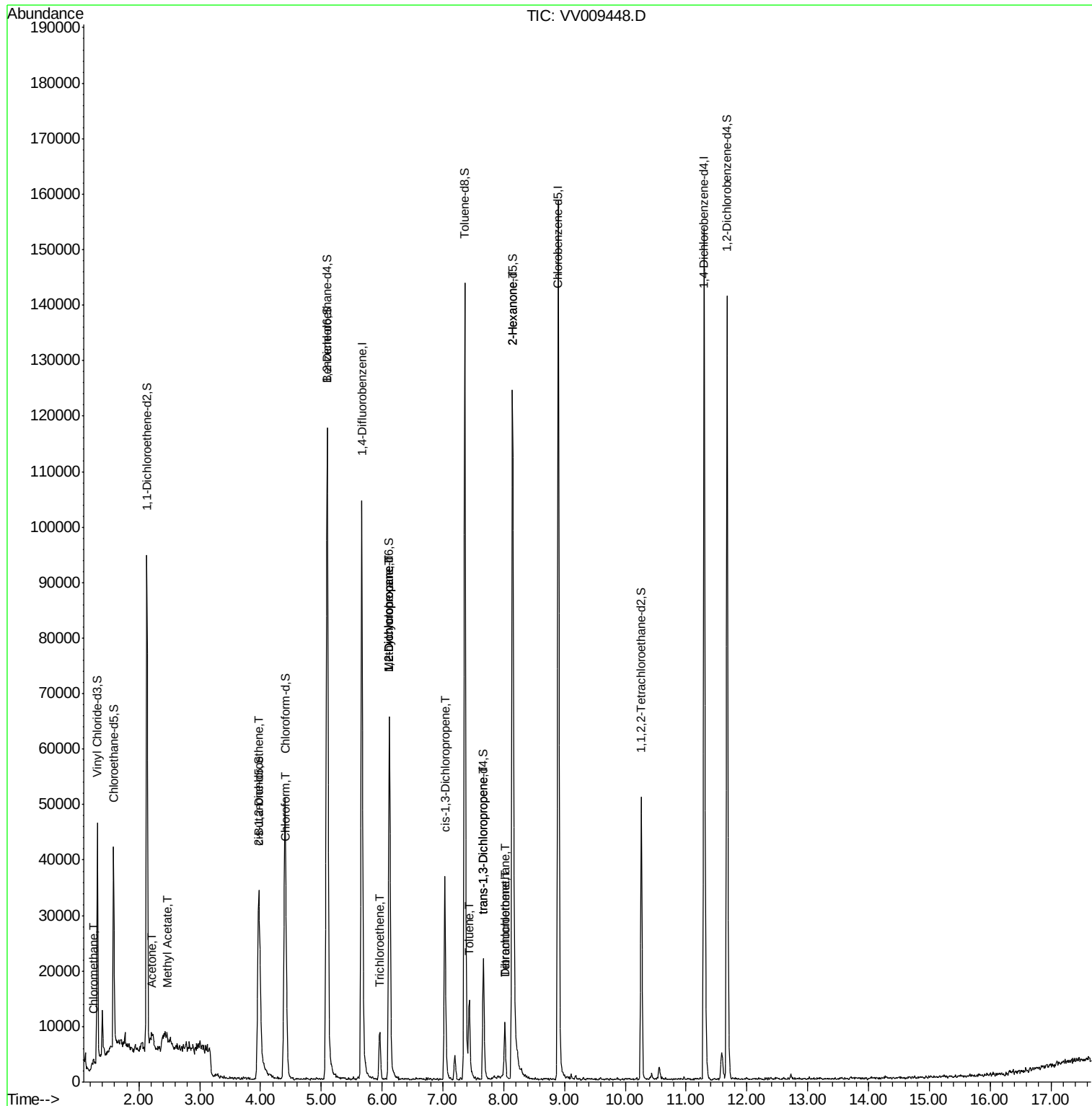
Target Compounds

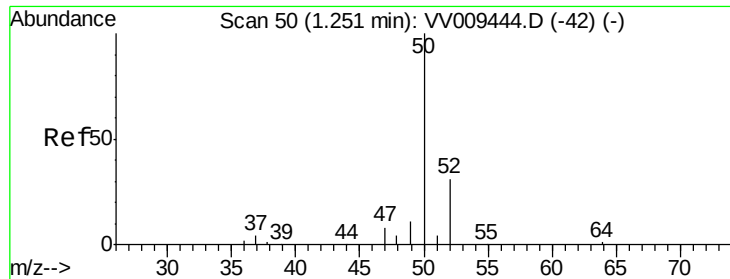
					Qvalue
3) Chloromethane	1.25	50	655	0.110 ug/L	96
13) Acetone	2.22	43	4133	4.817 ug/L	90
15) Methyl Acetate	2.47	43	314	0.140 ug/L #	49
22) cis-1,2-Dichloroethene	3.96	96	5185	0.858 ug/L	87
25) Chloroform	4.43	83	4824	0.458 ug/L	100
34) Trichloroethene	5.96	95	2930	0.464 ug/L	92
35) Methylcyclohexane	6.12	83	7587	0.731 ug/L #	19
37) 1,2-Dichloropropane	6.12	63	3628	0.663 ug/L #	88
39) cis-1,3-Dichloropropene	7.04	75	1262	0.146 ug/L #	75
42) Toluene	7.43	91	9722	0.381 ug/L	89
44) trans-1,3-Dichloropropene	7.67	75	688	0.102 ug/L	85
47) Tetrachloroethene	8.02	164	2177	0.439 ug/L	95
48) 2-Hexanone	8.14	43	6684	3.398 ug/L #	80
49) Dibromochloromethane	8.02	129	2096	0.411 ug/L #	9

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

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QLast Update : Sat Mar 02 00:06:51 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.110 ug/L

RT: 1.25 min Scan# 50

Delta R.T. -0.00 min

Lab File: VV009448.D

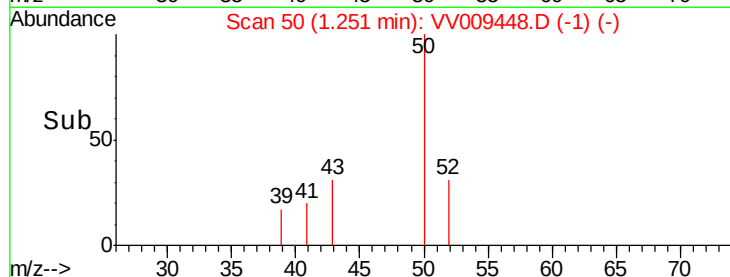
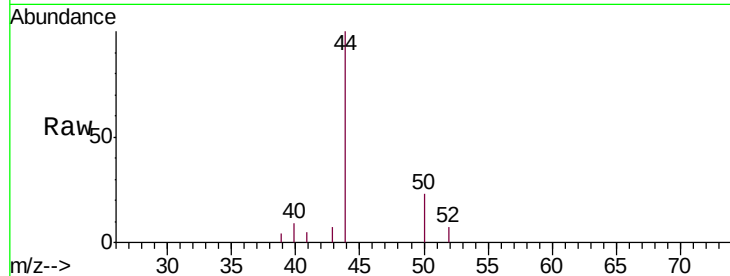
Acq: 01 Mar 2019 11:58

Tgt Ion: 50 Resp: 655

Ion Ratio Lower Upper

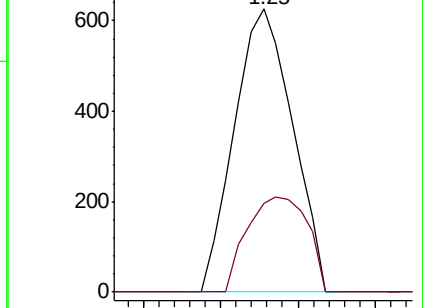
50 100

52 31.5 23.5 43.7

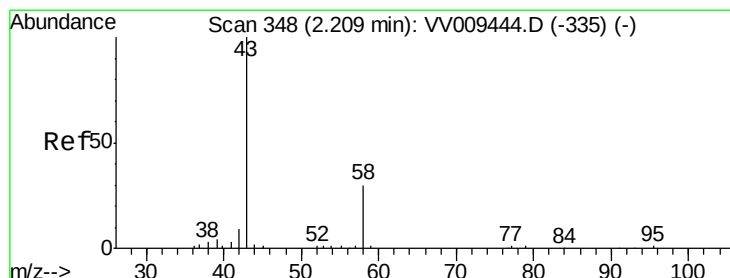


Abundance Ion 50.05 (49.75 to 50.75): VV009448.D (-1) (-)

Ion 52.05 (51.75 to 52.75): VV009448.D (-1) (-)



Time-->



#13

Acetone

Concen: 4.817 ug/L

RT: 2.22 min Scan# 352

Delta R.T. 0.01 min

Lab File: VV009448.D

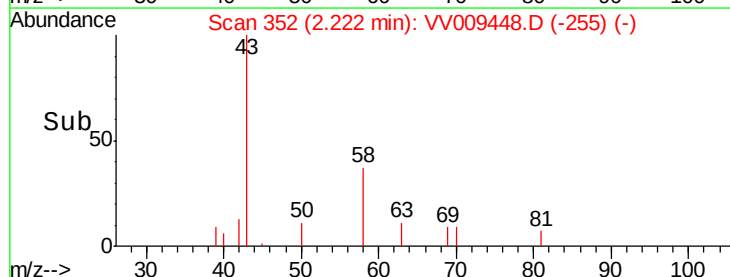
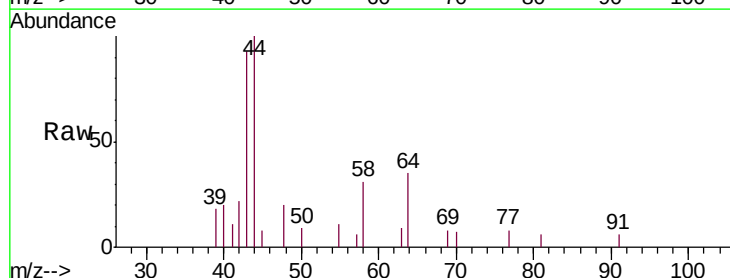
Acq: 01 Mar 2019 11:58

Tgt Ion: 43 Resp: 4133

Ion Ratio Lower Upper

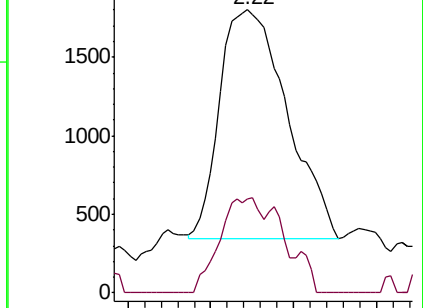
43 100

58 25.5 0.0 62.0

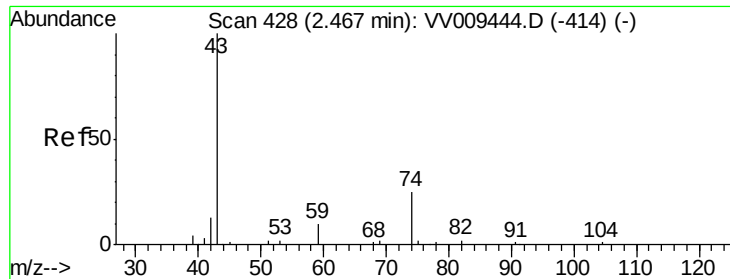


Abundance Ion 43.05 (42.75 to 43.75): VV009448.D (-255) (-)

Ion 58.05 (57.75 to 58.75): VV009448.D (-255) (-)

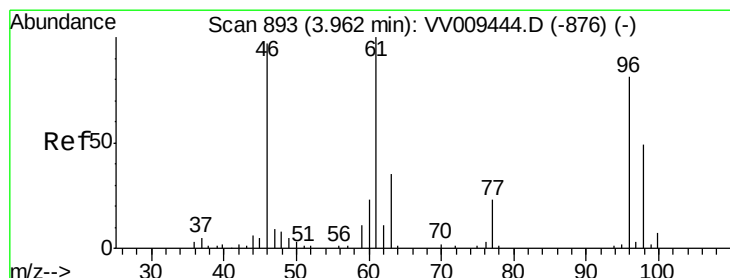
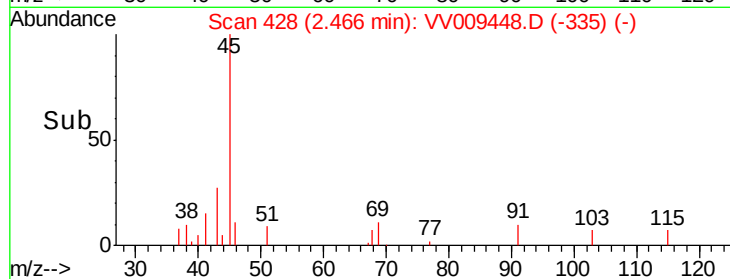
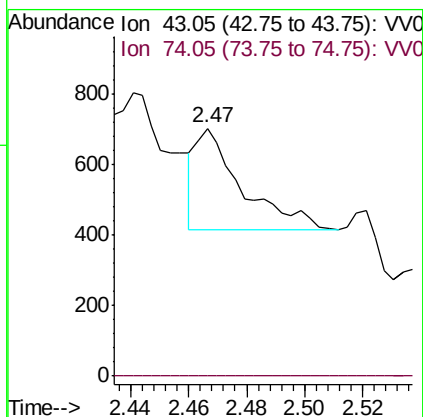
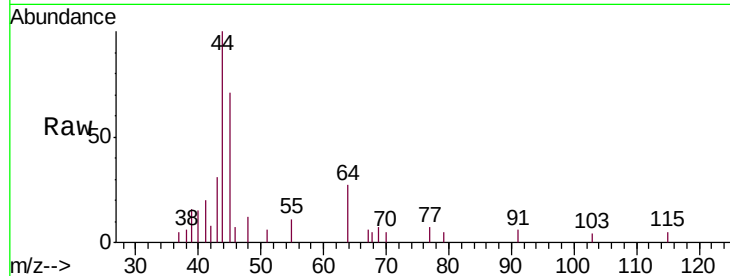


Time-->



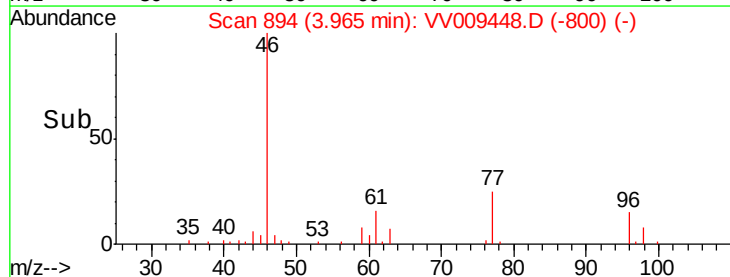
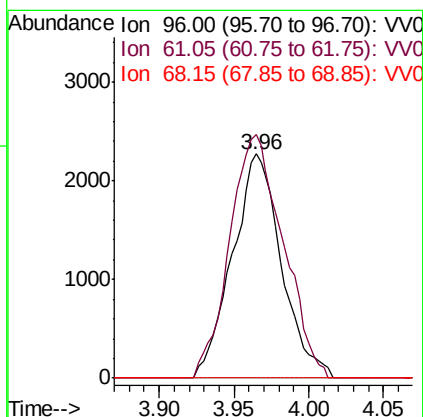
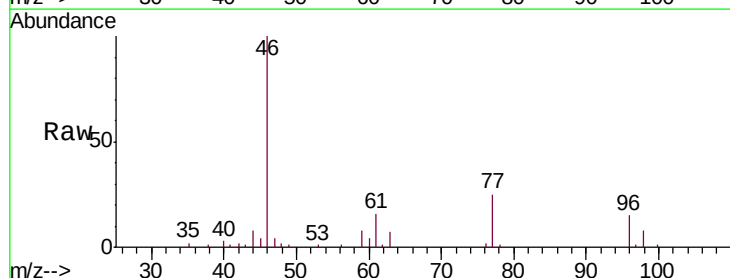
#15
Methyl Acetate
Concen: 0.140 ug/L
RT: 2.47 min Scan# 428
Delta R.T. -0.00 min
Lab File: VV009448.D
Acq: 01 Mar 2019 11:58

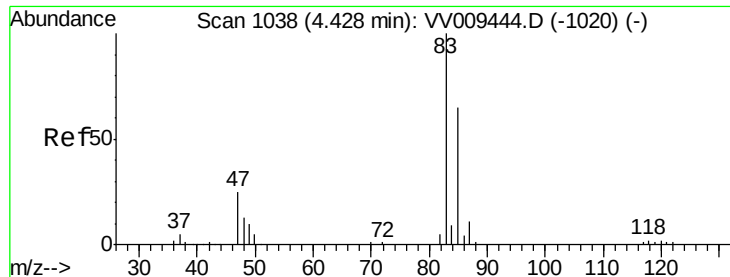
Tgt Ion: 43 Resp: 314
Ion Ratio Lower Upper
43 100
74 0.0 20.6 30.8#



#22
cis-1,2-Dichloroethene
Concen: 0.858 ug/L
RT: 3.96 min Scan# 894
Delta R.T. 0.00 min
Lab File: VV009448.D
Acq: 01 Mar 2019 11:58

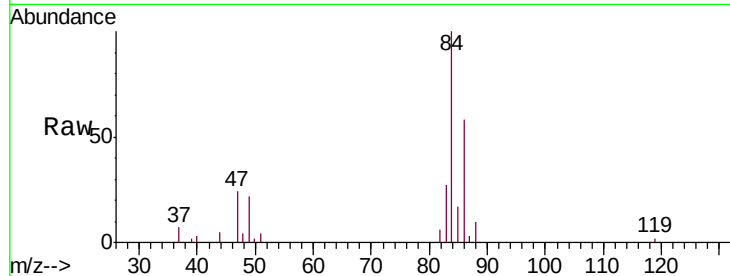
Tgt Ion: 96 Resp: 5185
Ion Ratio Lower Upper
96 100
61 108.6 86.0 159.8
68 0.0 0.0 0.0



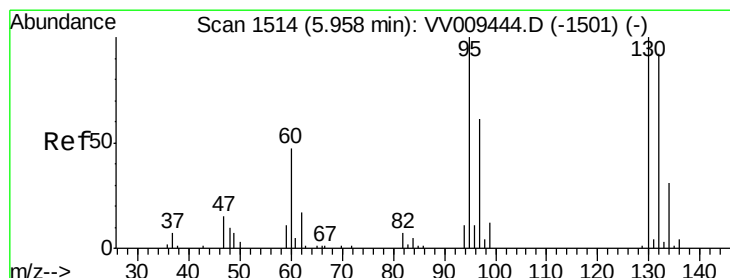
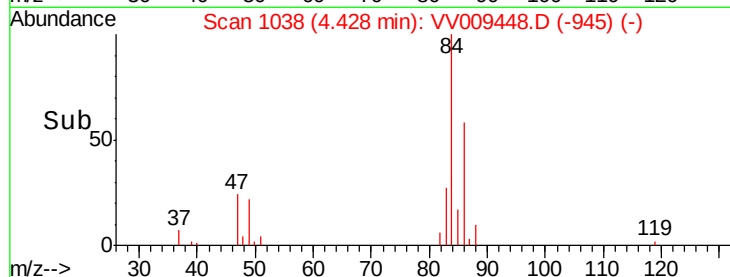
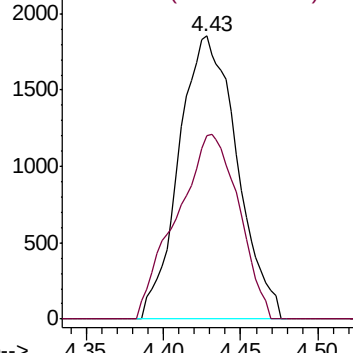


#25
Chloroform
Concen: 0.458 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. -0.00 min
Lab File: VV009448.D
Acq: 01 Mar 2019 11:58

Tgt Ion: 83 Resp: 4824
Ion Ratio Lower Upper
83 100
85 64.9 45.7 84.9

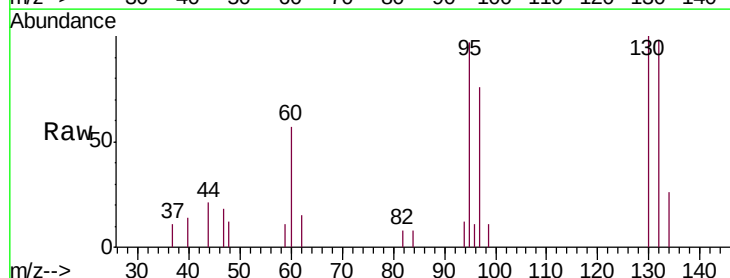


Abundance Ion 83.05 (82.75 to 83.75): VV009448.D (-1020) (-)
Ion 85.00 (84.70 to 85.70): VV009448.D (-1020) (-)

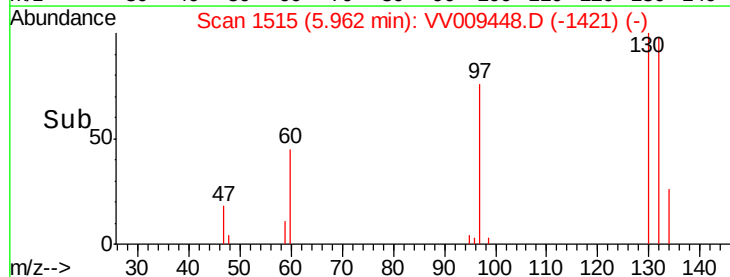
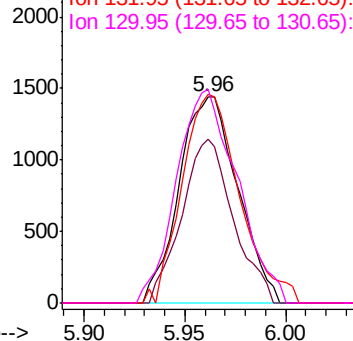


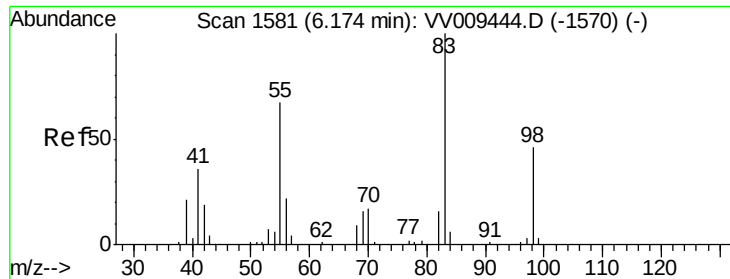
#34
Trichloroethene
Concen: 0.464 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VV009448.D
Acq: 01 Mar 2019 11:58

Tgt Ion: 95 Resp: 2930
Ion Ratio Lower Upper
95 100
97 79.3 44.2 82.2
132 101.3 67.8 126.0
130 103.6 70.4 130.8



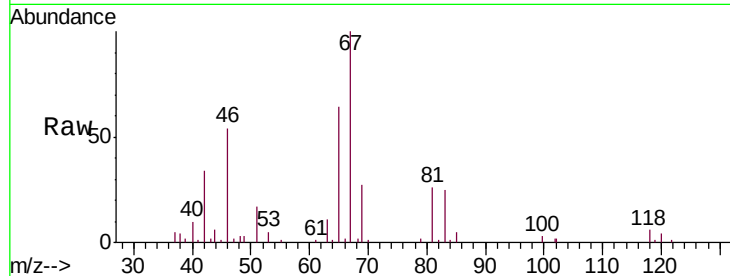
Abundance Ion 95.00 (94.70 to 95.70): VV009448.D (-1501) (-)
Ion 96.95 (96.65 to 97.65): VV009448.D (-1501) (-)
Ion 131.95 (131.65 to 132.65): VV009448.D (-1501) (-)
Ion 129.95 (129.65 to 130.65): VV009448.D (-1501) (-)



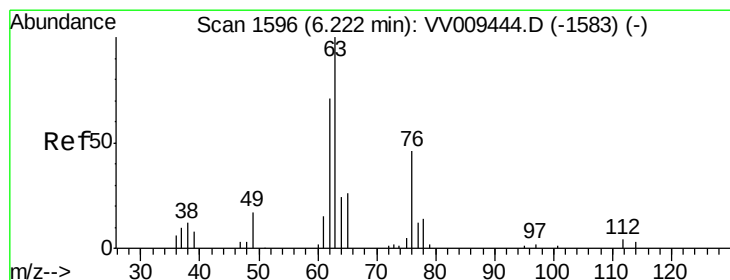
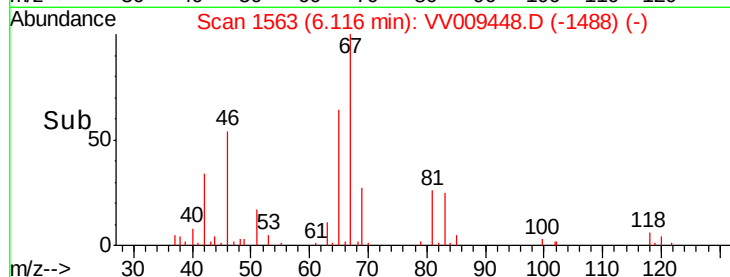
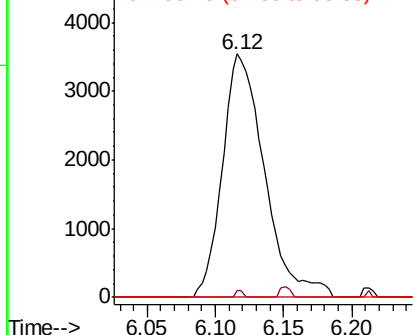


#35
Methylcyclohexane
Concen: 0.731 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV009448.D
Acq: 01 Mar 2019 11:58

Tgt Ion: 83 Resp: 7587
Ion Ratio Lower Upper
83 100
55 0.5 59.8 89.8#
98 0.0 39.9 59.9#

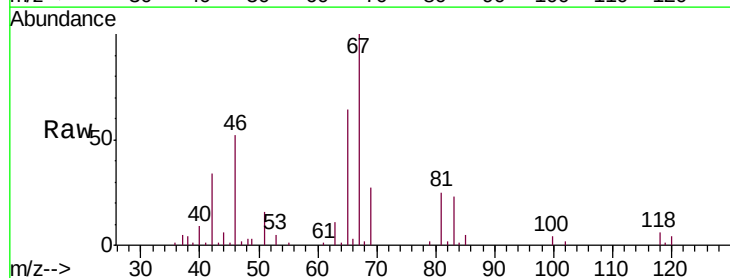


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

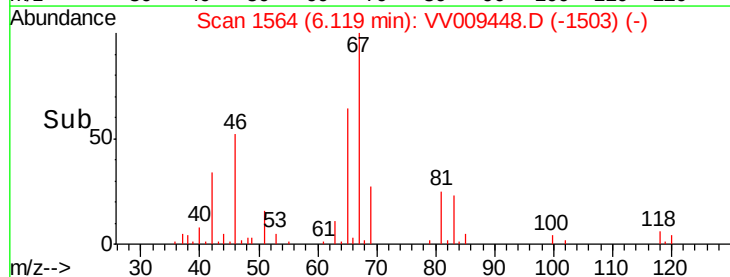
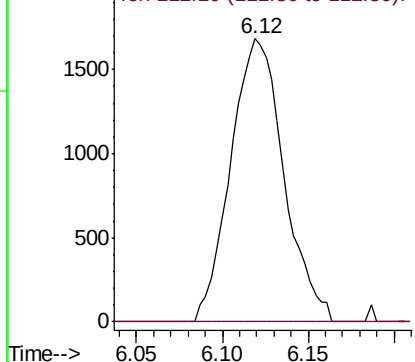


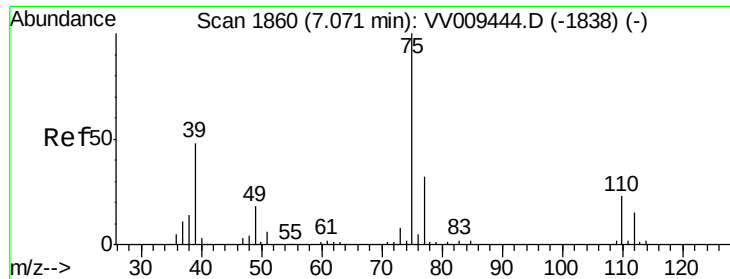
#37
1,2-Dichloropropane
Concen: 0.663 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV009448.D
Acq: 01 Mar 2019 11:58

Tgt Ion: 63 Resp: 3628
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



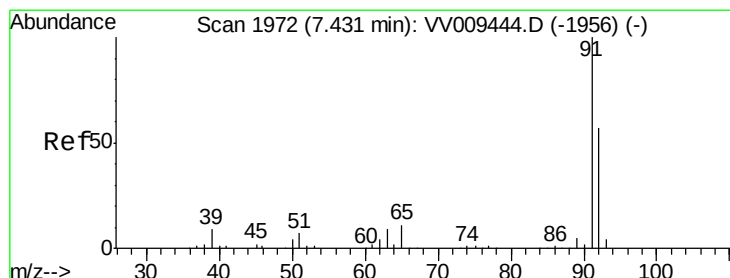
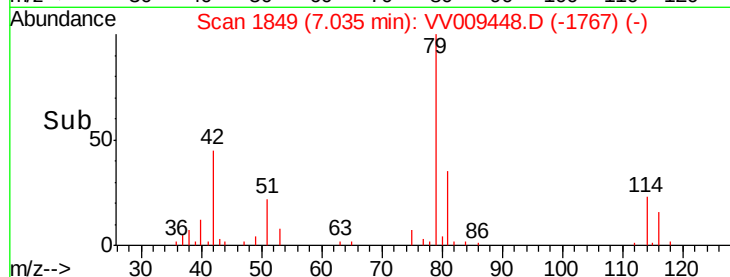
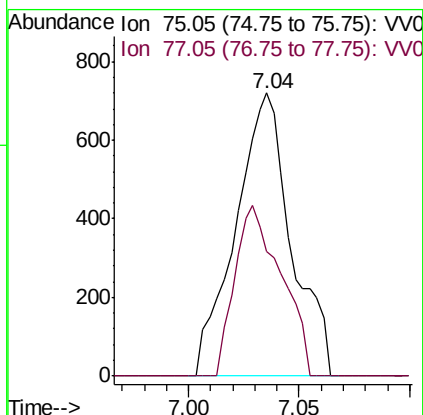
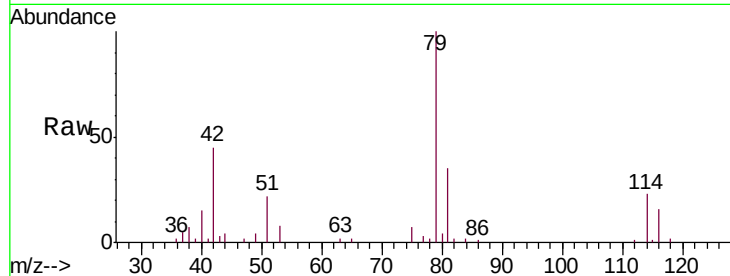
Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V





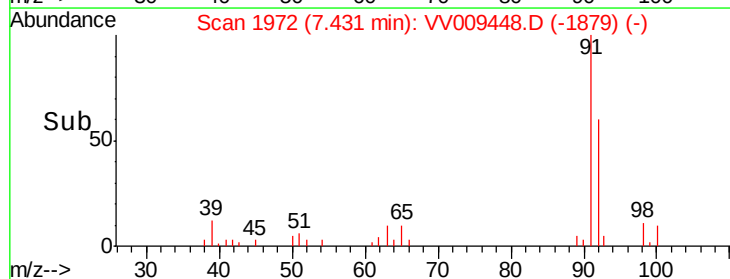
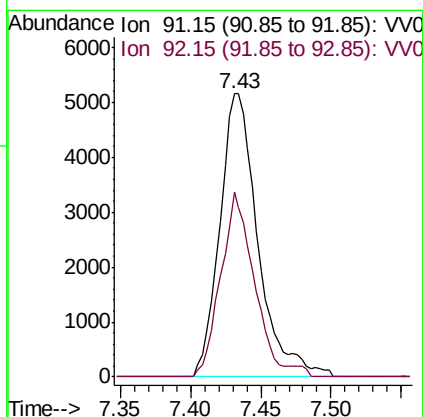
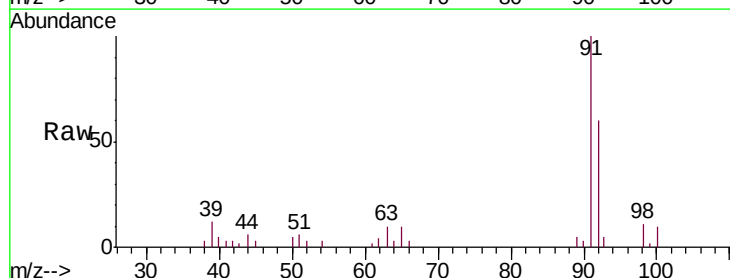
#39
 cis-1,3-Dichloropropene
 Concen: 0.146 ug/L
 RT: 7.04 min Scan# 1849
 Delta R.T. -0.04 min
 Lab File: VV009448.D
 Acq: 01 Mar 2019 11:58

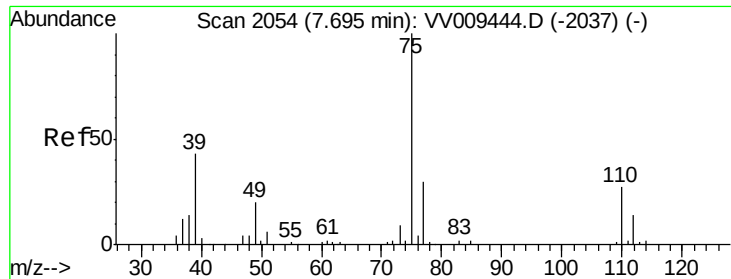
Tgt Ion: 75 Resp: 1262
 Ion Ratio Lower Upper
 75 100
 77 43.9 21.1 39.1#



#42
 Toluene
 Concen: 0.381 ug/L
 RT: 7.43 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VV009448.D
 Acq: 01 Mar 2019 11:58

Tgt Ion: 91 Resp: 9722
 Ion Ratio Lower Upper
 91 100
 92 65.1 39.8 73.8





#44

trans-1,3-Dichloropropene

Concen: 0.102 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV009448.D

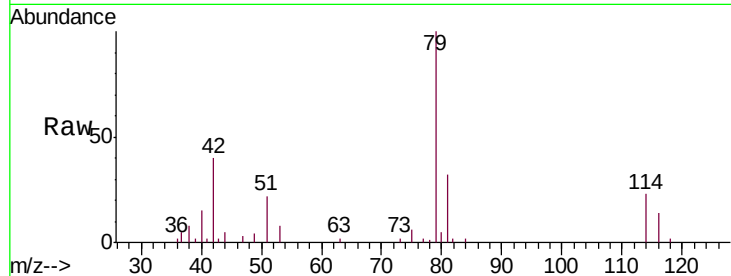
Acq: 01 Mar 2019 11:58

Tgt Ion: 75 Resp: 688

Ion Ratio Lower Upper

75 100

77 40.0 22.2 41.2



Abundance Ion 75.05 (74.75 to 75.75): VV009444.D (-2037) (-)

Ion 77.05 (76.75 to 77.75): VV009444.D (-2037) (-)

7.67

400

300

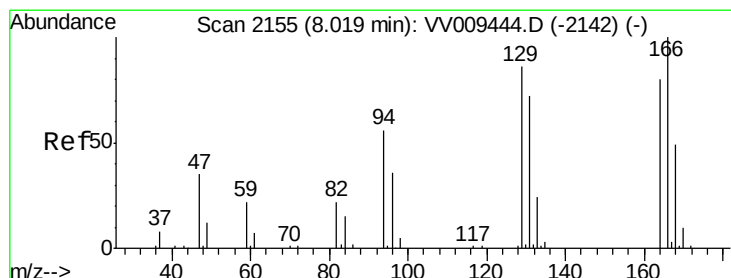
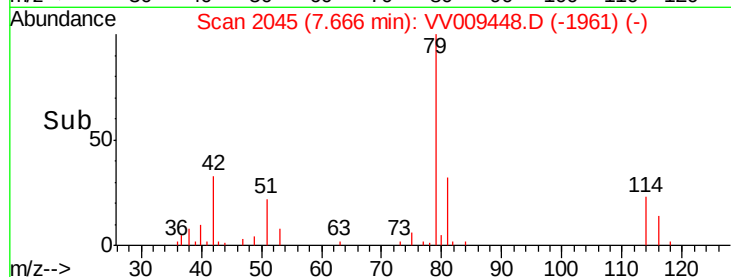
200

100

0

7.62 7.64 7.66 7.68 7.70

Time-->



#47

Tetrachloroethene

Concen: 0.439 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.00 min

Lab File: VV009448.D

Acq: 01 Mar 2019 11:58

Tgt Ion: 164 Resp: 2177

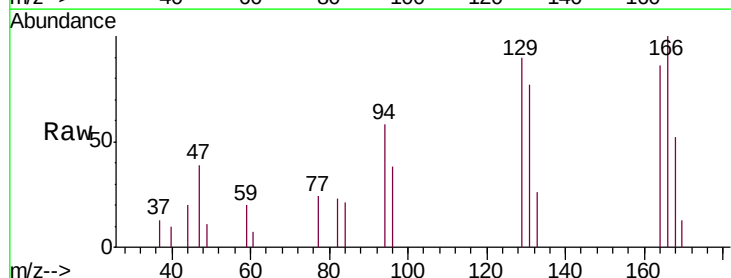
Ion Ratio Lower Upper

164 100

129 105.1 69.3 128.7

131 89.7 64.0 118.8

166 116.5 86.0 159.6



Abundance Ion 163.90 (163.60 to 164.60): VV009444.D (-2142) (-)

Ion 128.95 (128.65 to 129.65): VV009444.D (-2142) (-)

Ion 130.95 (130.65 to 131.65): VV009444.D (-2142) (-)

Ion 165.90 (165.60 to 166.60): VV009444.D (-2142) (-)

2000

1500

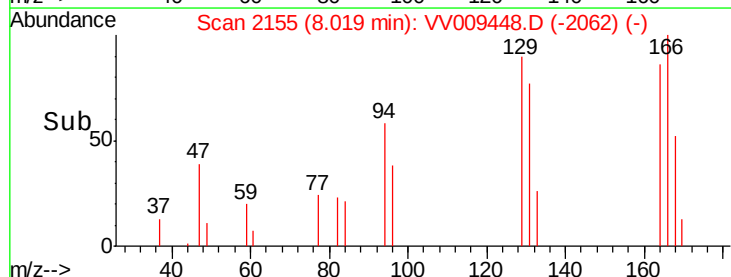
1000

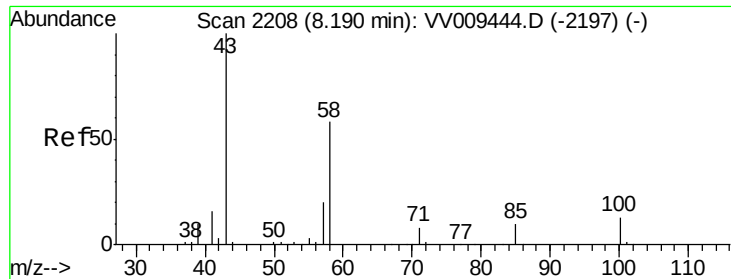
500

0

8.00 8.05

Time-->





#48

2-Hexanone

Concen: 3.398 ug/L

RT: 8.14 min Scan# 2194

Delta R.T. -0.05 min

Lab File: VV009448.D

Acq: 01 Mar 2019 11:58

Tgt Ion: 43 Resp: 6684

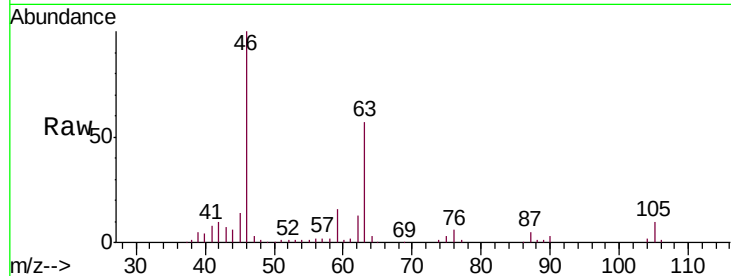
Ion Ratio Lower Upper

43 100

58 41.7 45.2 67.8#

57 24.9 16.0 24.0#

100 0.0 10.2 15.4#

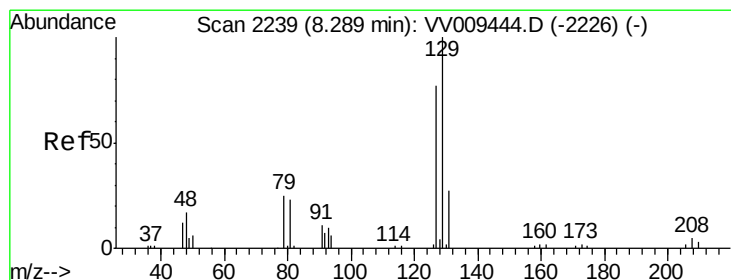
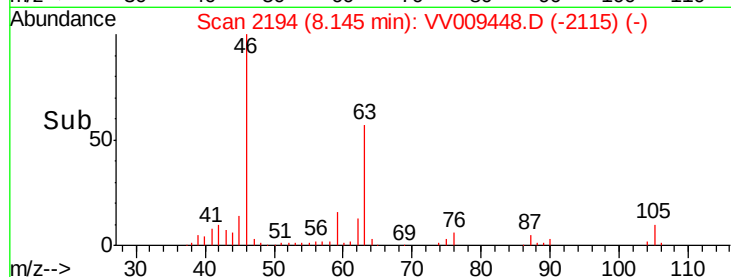
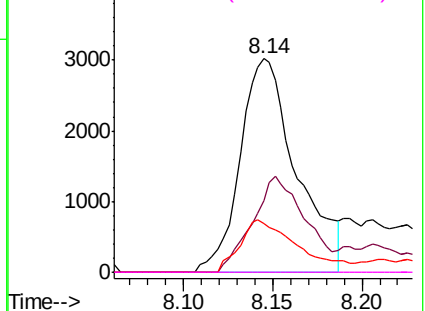


Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0



#49

Dibromochloromethane

Concen: 0.411 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. -0.27 min

Lab File: VV009448.D

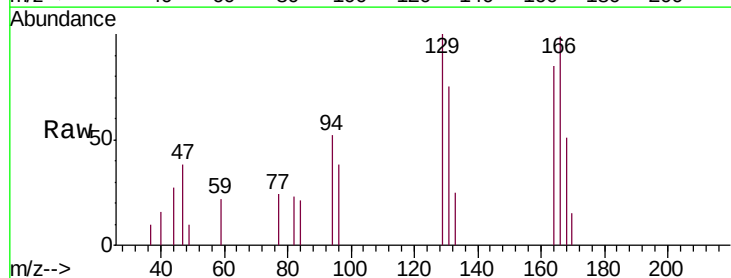
Acq: 01 Mar 2019 11:58

Tgt Ion: 129 Resp: 2096

Ion Ratio Lower Upper

129 100

127 0.0 56.6 105.2#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

