

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060320\
 Data File : VV016474.D
 Acq On : 03 Jun 2020 22:54
 Operator : SY/MD
 Sample : L2869-02
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 04 05:36:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 04 05:34:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	373591	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	350782	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	166299	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	106408	40.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.42%
7) Chloroethane-d5	1.58	69	83980	43.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.92%
11) 1,1-Dichloroethene-d2	2.12	63	152327	32.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.94%
21) 2-Butanone-d5	3.89	46	177056	104.65	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.65%
24) Chloroform-d	4.38	84	227835	45.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.76%
26) 1,2-Dichloroethane-d4	5.06	65	160818	48.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.72%
32) Benzene-d6	5.07	84	457545	48.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.38%
36) 1,2-Dichloropropane-d6	6.09	67	147319	50.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.64%
41) Toluene-d8	7.34	98	404068	47.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.70%
43) trans-1,3-Dichloropropene-	7.64	79	65747	46.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.16%
47) 2-Hexanone-d5	8.11	63	134048	106.90	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.90%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	194827	49.06	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.12%
64) 1,2-Dichlorobenzene-d4	11.65	152	161674	51.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.46%

Target Compounds

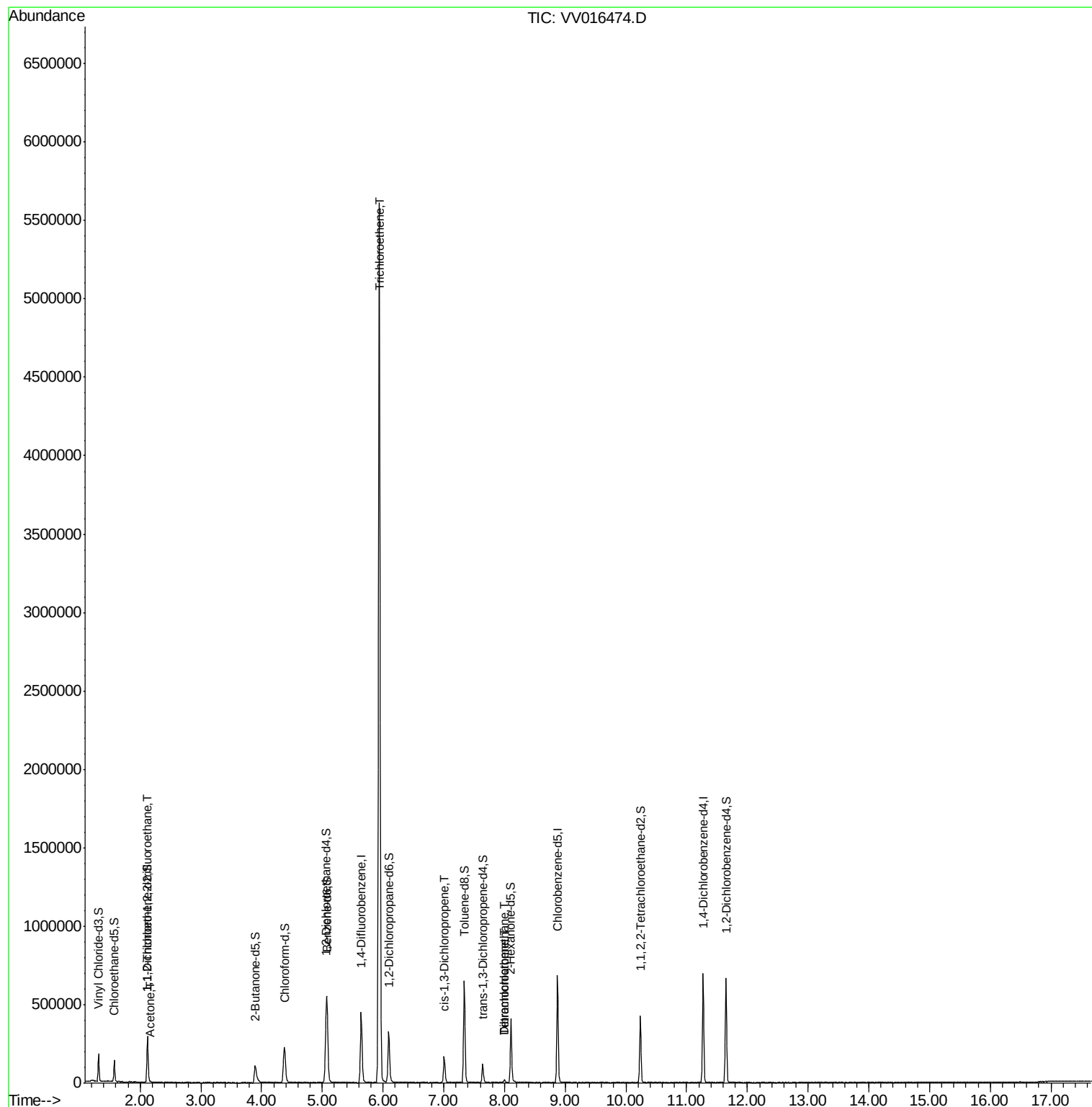
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1466	0.680 ug/L #	22
13) Acetone	2.17	43	4995	3.159 ug/L	95
34) Trichloroethene	5.94	95	1906411	704.259 ug/L	97
39) cis-1,3-Dichloropropene	7.01	75	4504	1.149 ug/L #	69
46) Tetrachloroethene	8.00	164	4175	2.000 ug/L	87
49) Dibromochloromethane	8.00	129	3782	1.496 ug/L #	10

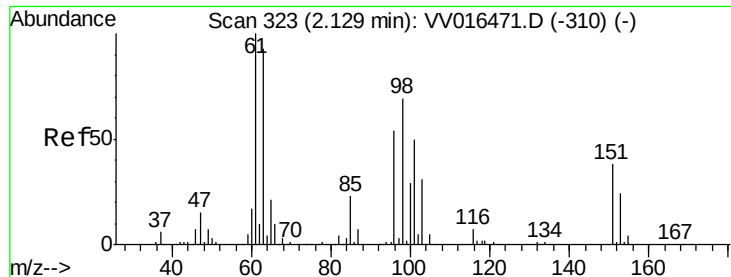
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.680 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

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Acq: 03 Jun 2020 22:54

Instrument :

MSVOA_V

ClientSampleId :

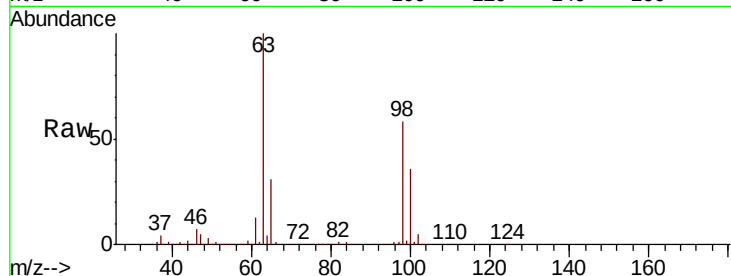
Tot Ion:101 Resp: 1466

Ion Ratio Lower Upper

101 100

85 2.9 35.6 53.4#

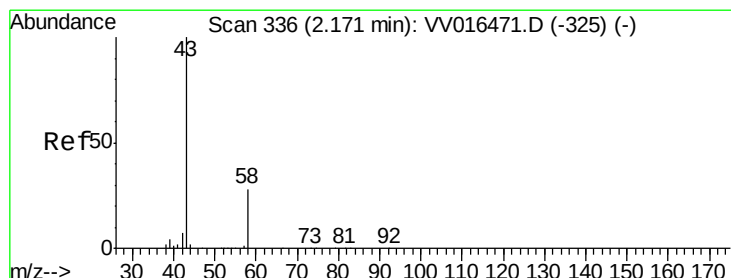
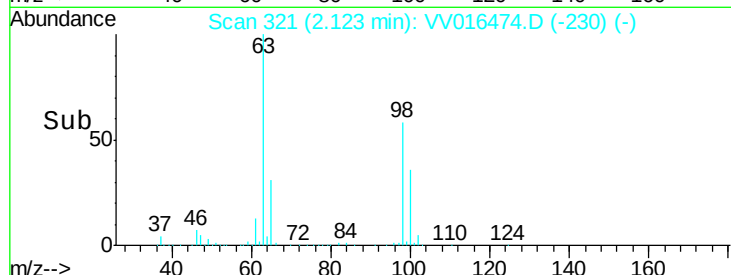
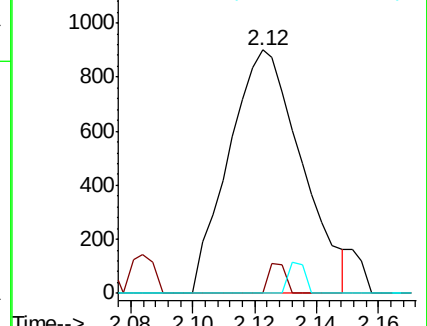
151 2.9 61.8 92.8#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 3.159 ug/L

RT: 2.17 min Scan# 336

Delta R.T. 0.00 min

Lab File: VV016474.D

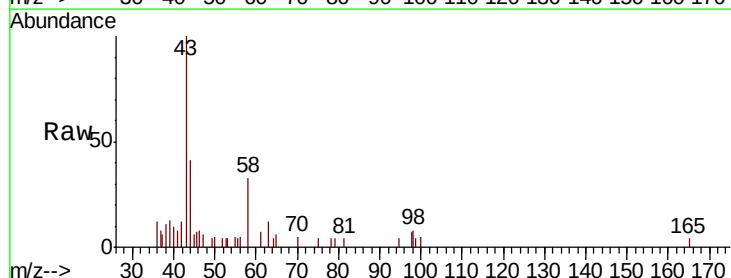
Acq: 03 Jun 2020 22:54

Tgt Ion: 43 Resp: 4995

Ion Ratio Lower Upper

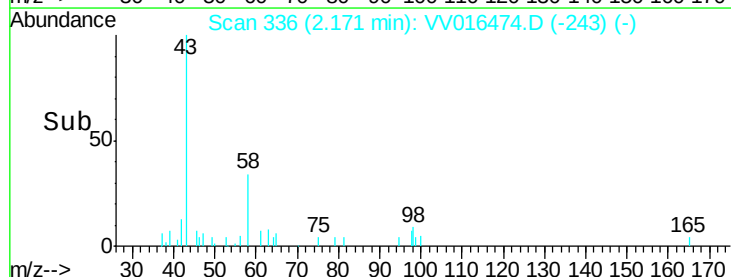
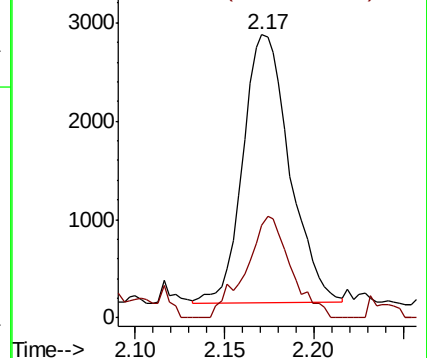
43 100

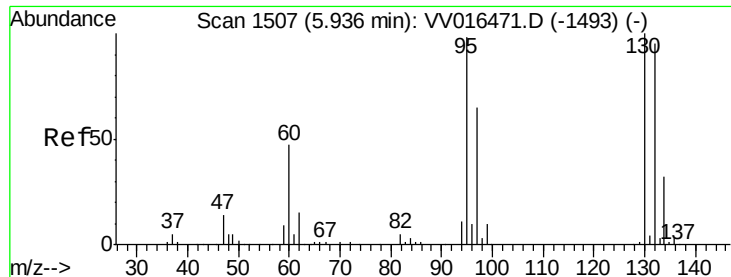
58 25.8 0.0 57.2



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0





#34

Trichloroethene

Concen: 704.259 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV016474.D

Acq: 03 Jun 2020 22:54

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 95 Resp: 1906411

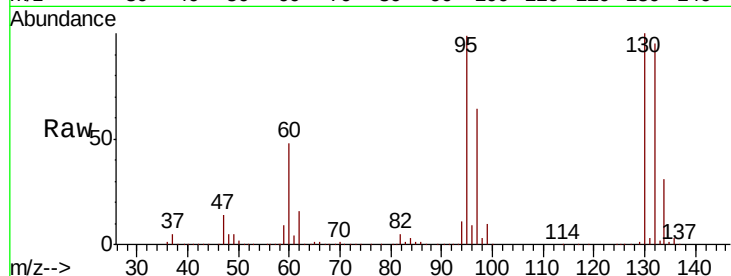
Ion Ratio Lower Upper

95 100

97 64.3 42.8 79.6

132 96.4 65.6 121.8

130 101.1 69.0 128.1



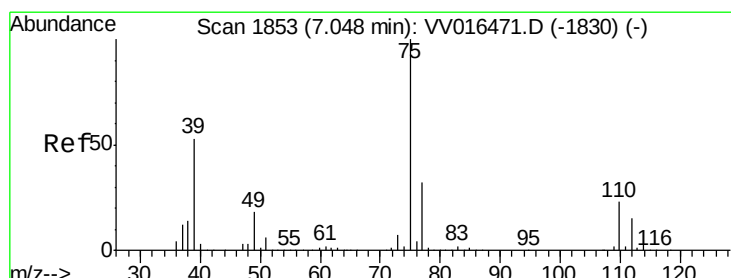
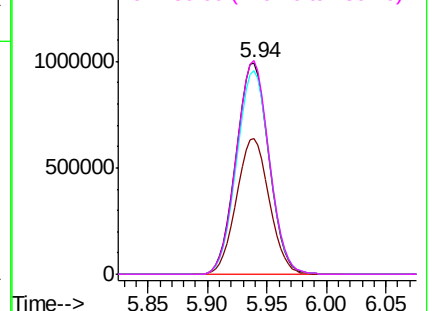
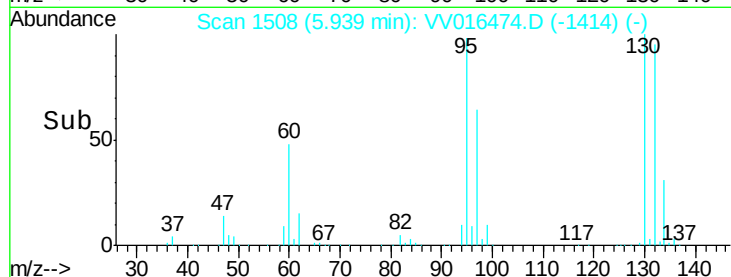
Abundance

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



#39

cis-1,3-Dichloropropene

Concen: 1.149 ug/L

RT: 7.01 min Scan# 1841

Delta R.T. -0.04 min

Lab File: VV016474.D

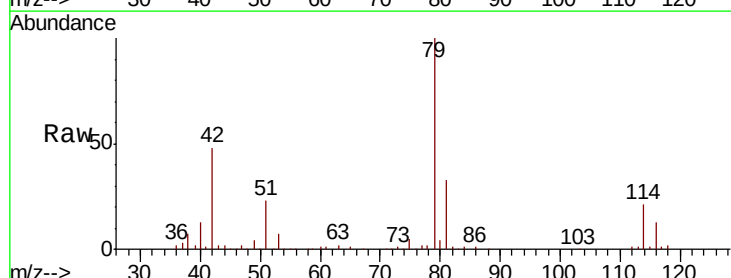
Acq: 03 Jun 2020 22:54

Tgt Ion: 75 Resp: 4504

Ion Ratio Lower Upper

75 100

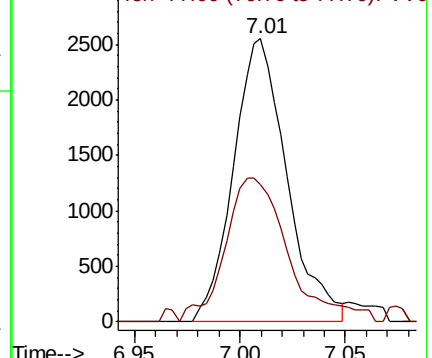
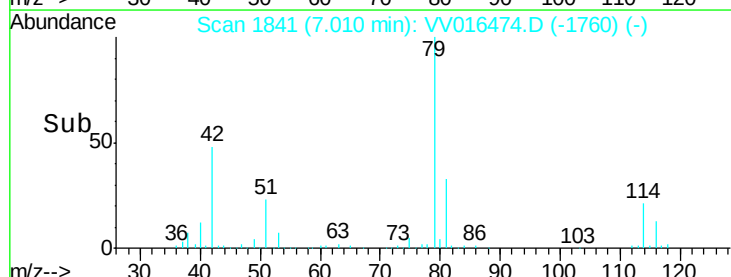
77 48.6 22.0 41.0#

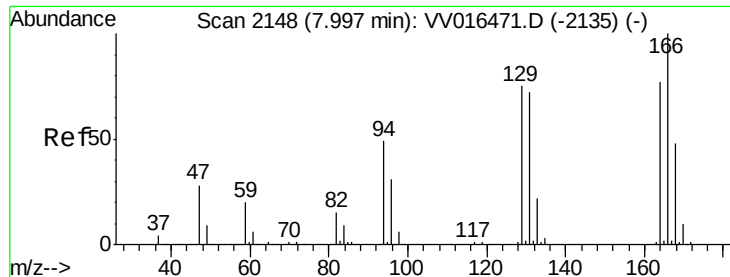


Abundance

Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0





#46

Tetrachloroethene

Concen: 2.000 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV016474.D

Acq: 03 Jun 2020 22:54

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:164 Resp: 4175

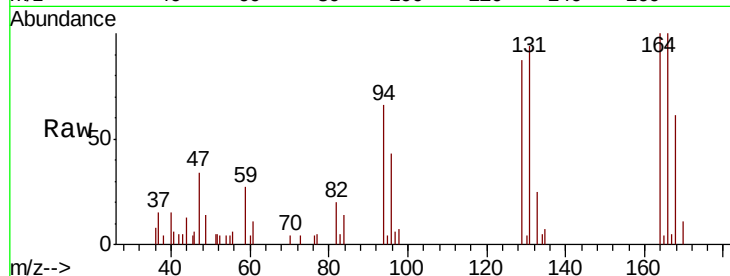
Ion Ratio Lower Upper

164 100

129 87.1 67.7 125.7

131 93.7 63.8 118.6

166 100.1 88.7 164.7

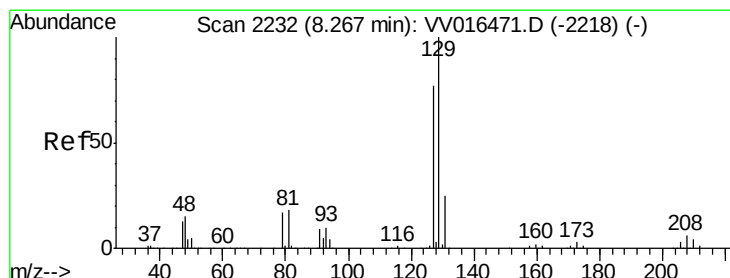
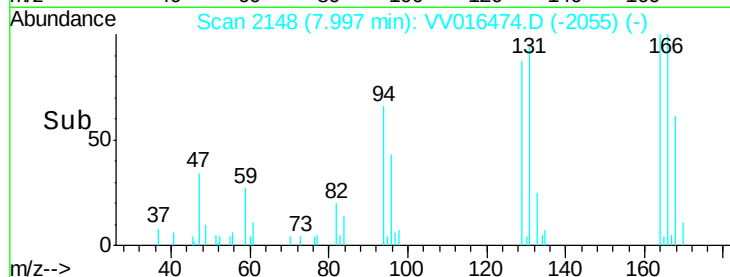
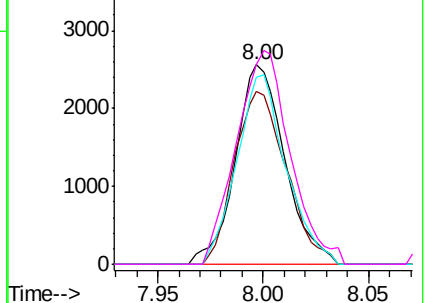


Abundance Ion 164.00 (163.70 to 164.70): V

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



#49

Dibromochloromethane

Concen: 1.496 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.27 min

Lab File: VV016474.D

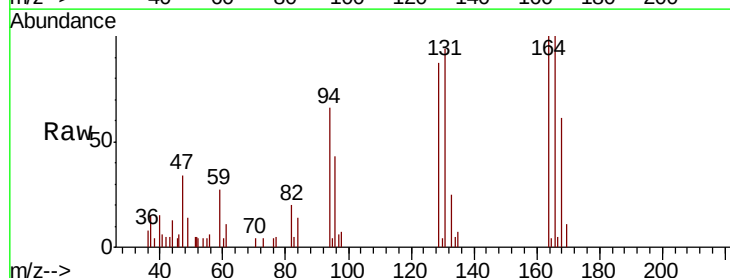
Acq: 03 Jun 2020 22:54

Tgt Ion:129 Resp: 3782

Ion Ratio Lower Upper

129 100

127 0.0 54.6 101.4#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

