

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071020\
 Data File : VV017438.D
 Acq On : 10 Jul 2020 14:33
 Operator : SY/MD
 Sample : L3254-15
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 11 00:25:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 11 00:23:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	244410	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	228531	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	113304	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	54561	42.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.76%
7) Chloroethane-d5	1.58	69	42594	47.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.30%
11) 1,1-Dichloroethene-d2	2.12	63	95479	33.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.28%
21) 2-Butanone-d5	3.91	46	85790	98.71	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.71%
24) Chloroform-d	4.38	84	135931	46.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.38%
26) 1,2-Dichloroethane-d4	5.06	65	102645	50.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.62%
32) Benzene-d6	5.08	84	237349	48.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.16%
36) 1,2-Dichloropropane-d6	6.09	67	70389	49.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.02%
41) Toluene-d8	7.34	98	226622	47.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.50%
43) trans-1,3-Dichloropropene-	7.64	79	40066	48.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.84%
47) 2-Hexanone-d5	8.11	63	55349	94.87	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.87%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	91564	45.87	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.74%
64) 1,2-Dichlorobenzene-d4	11.65	152	96376	50.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.74%

Target Compounds

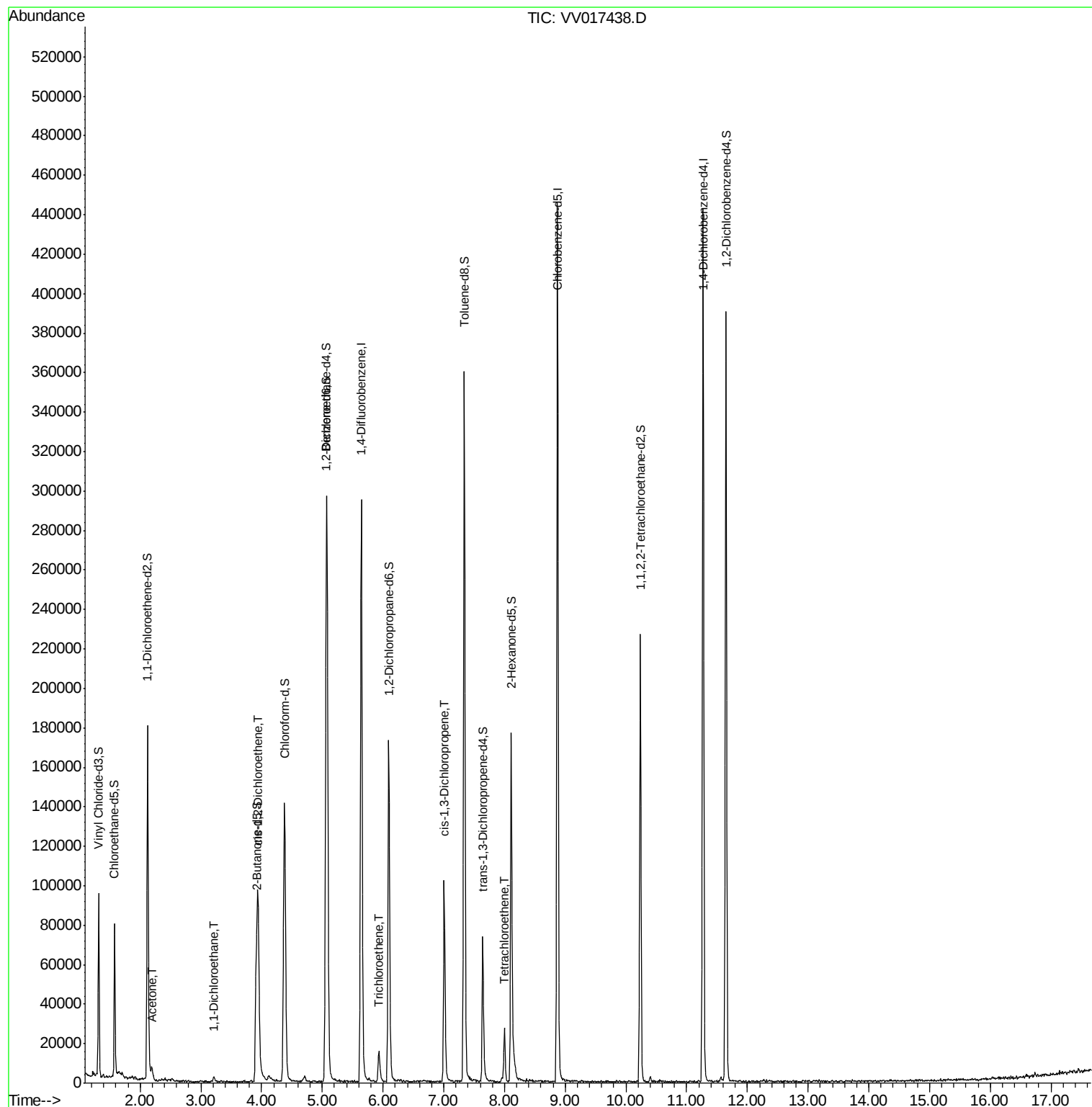
					Ovalue
13) Acetone	2.19	43	8574	7.248	ug/L 90
19) 1,1-Dichloroethane	3.22	63	2617	0.892	ug/L 97
20) cis-1,2-Dichloroethene	3.94	96	43310	25.320	ug/L 95
34) Trichloroethene	5.94	95	1642	0.916	ug/L 83
39) cis-1,3-Dichloropropene	7.01	75	3004	1.193	ug/L 84
46) Tetrachloroethene	8.00	164	5973	3.966	ug/L 94

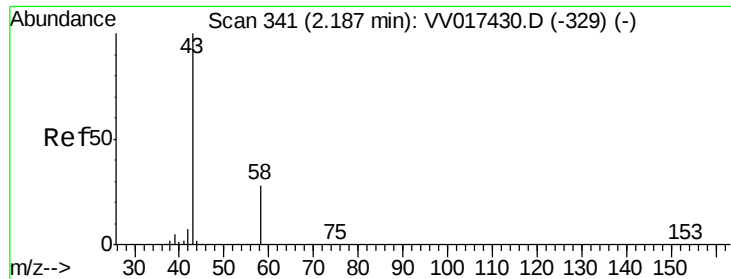
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Jul 11 00:23:19 2020
Response via : Initial Calibration





#13

Acetone

Concen: 7.248 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

Lab File: VV017438.D

Acq: 10 Jul 2020 14:33

Instrument :

MSVOA_V

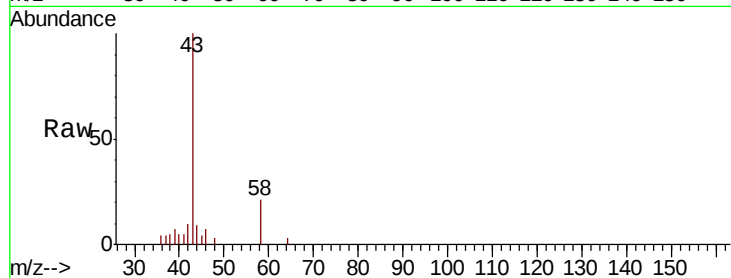
ClientSampleId :

Tot Ion: 43 Resp: 8574

Ion Ratio Lower Upper

43 100

58 22.8 0.0 56.0



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

2.19

4000

3000

2000

1000

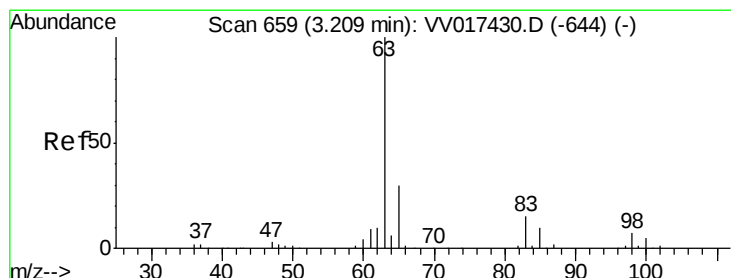
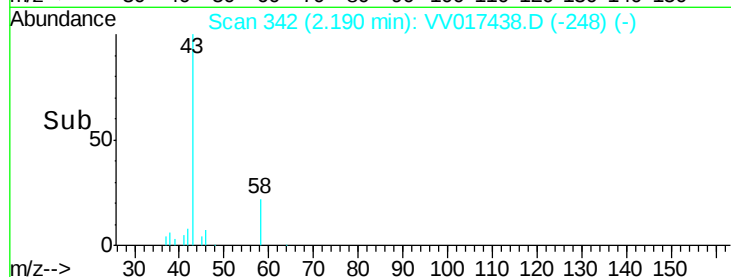
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Time-->

2.15

2.20

2.25



#19

1,1-Dichloroethane

Concen: 0.892 ug/L

RT: 3.22 min Scan# 663

Delta R.T. 0.01 min

Lab File: VV017438.D

Acq: 10 Jul 2020 14:33

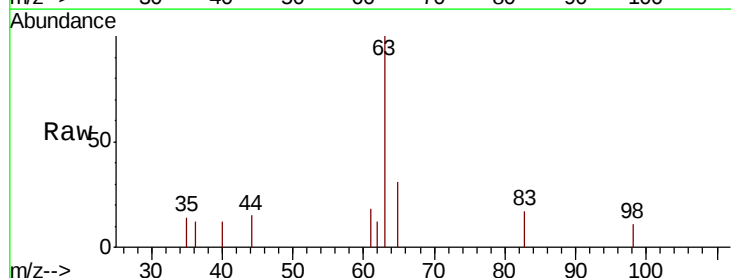
Tgt Ion: 63 Resp: 2617

Ion Ratio Lower Upper

63 100

65 30.7 22.1 41.1

83 16.6 10.1 18.9



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 65.00 (64.70 to 65.70): VV0

Ion 83.00 (82.70 to 83.70): VV0

1500

1000

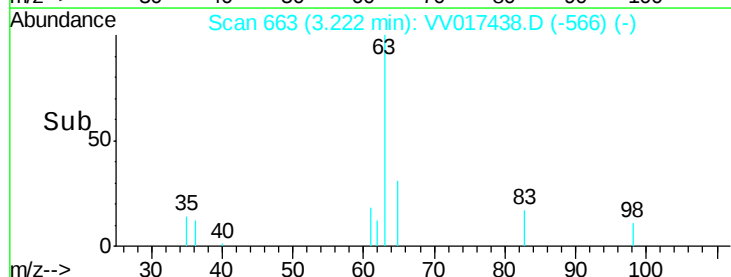
500

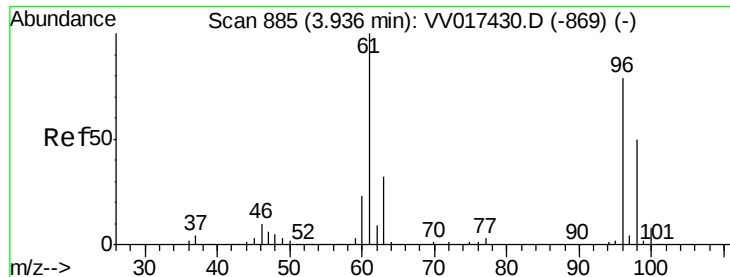
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Time-->

3.20

3.25



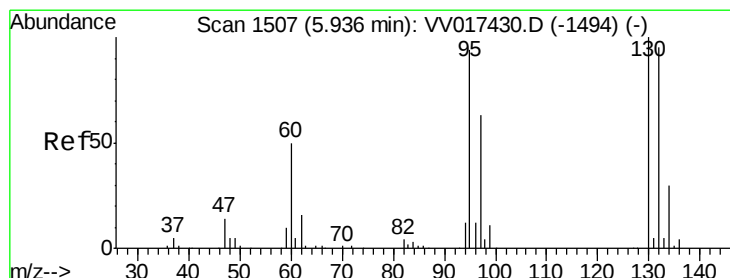
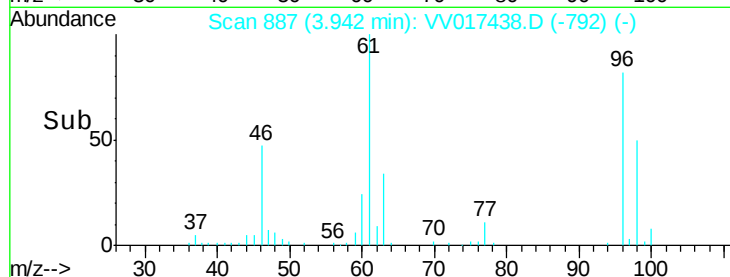
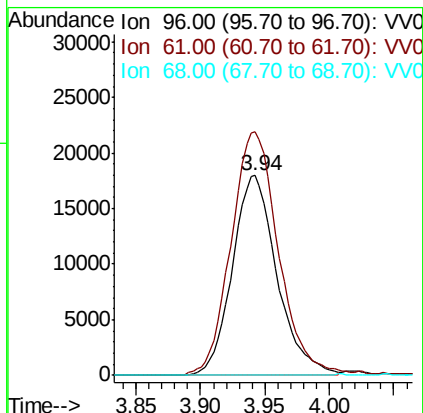
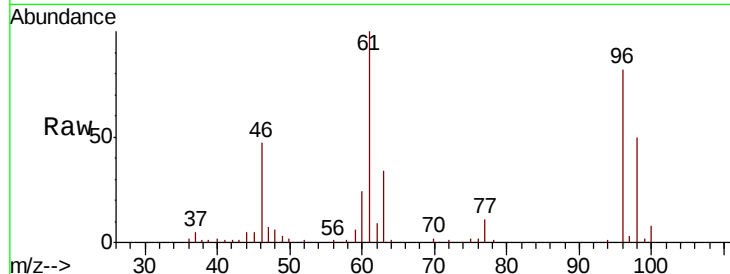


#20

cis-1,2-Dichloroethene
Concen: 25.320 ug/L
RT: 3.94 min Scan# 887
Delta R.T. 0.01 min
Lab File: VV017438.D
Acq: 10 Jul 2020 14:33

Instrument :
MSVOA_V
ClientSampleId :

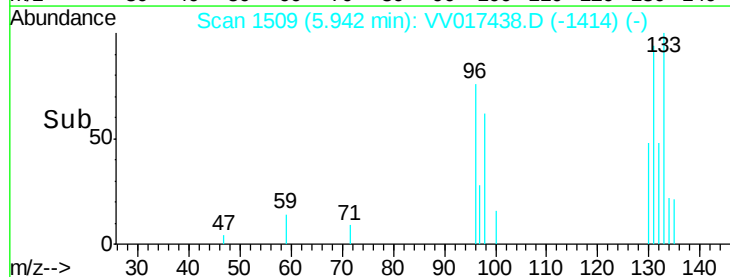
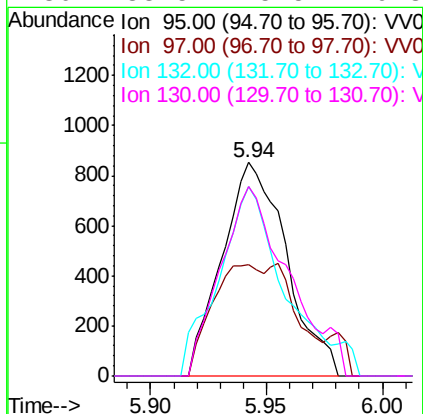
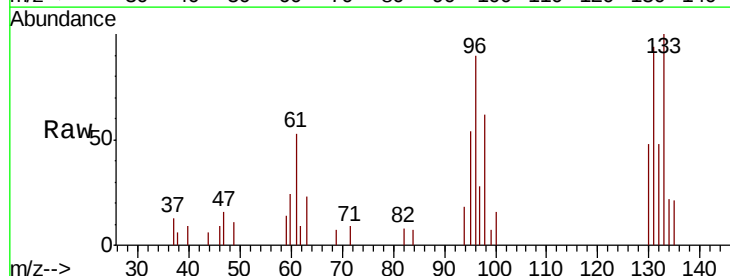
Tot Ion: 96 Resp: 43310
Ion Ratio Lower Upper
96 100
61 121.7 88.9 165.1
68 0.0 0.0 0.0

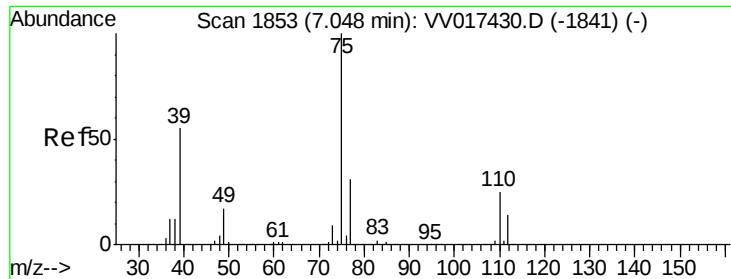


#34

Trichloroethene
Concen: 0.916 ug/L
RT: 5.94 min Scan# 1509
Delta R.T. 0.01 min
Lab File: VV017438.D
Acq: 10 Jul 2020 14:33

Tgt Ion: 95 Resp: 1642
Ion Ratio Lower Upper
95 100
97 51.9 45.6 84.6
132 88.7 74.1 137.5
130 88.5 75.5 140.3





#39

cis-1,3-Dichloropropene

Concen: 1.193 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV017438.D

Acq: 10 Jul 2020 14:33

Instrument :

MSVOA_V

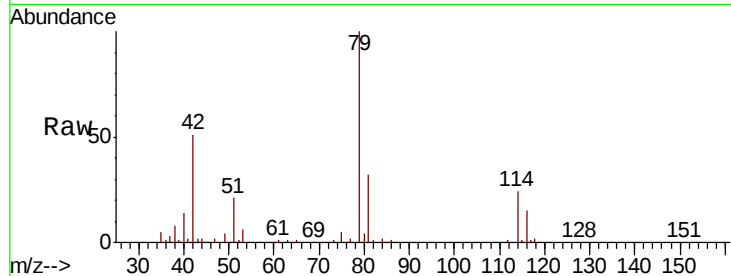
ClientSampleId :

Tot Ion: 75 Resp: 3004

Ion Ratio Lower Upper

75 100

77 40.5 22.2 41.2



Abundance Ion 75.00 (74.70 to 75.70): VV017438.D (-1760) (-)

Ion 77.00 (76.70 to 77.70): VV017438.D (-1760) (-)

7.01

1500

1000

500

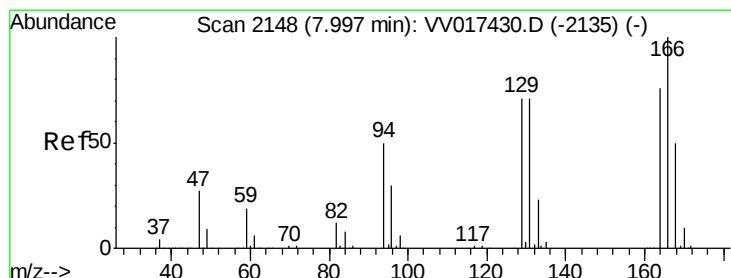
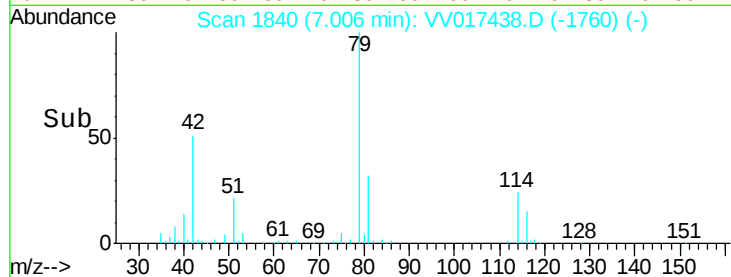
0

6.95

7.00

7.05

Time-->



#46

Tetrachloroethene

Concen: 3.966 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.00 min

Lab File: VV017438.D

Acq: 10 Jul 2020 14:33

Tgt Ion:164 Resp: 5973

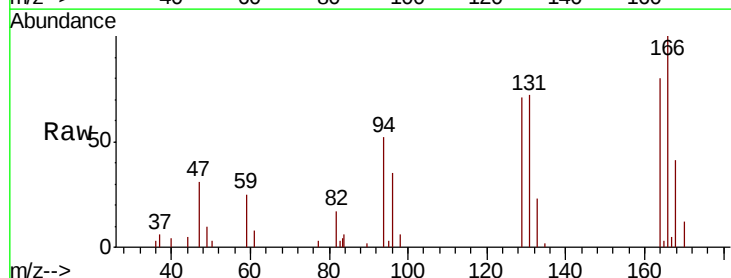
Ion Ratio Lower Upper

164 100

129 88.7 66.6 123.8

131 90.6 65.5 121.7

166 125.2 93.9 174.5



Abundance Ion 164.00 (163.70 to 164.70): VV017438.D (-2055) (-)

Ion 129.00 (128.70 to 129.70): VV017438.D (-2055) (-)

Ion 131.00 (130.70 to 131.70): VV017438.D (-2055) (-)

Ion 166.00 (165.70 to 166.70): VV017438.D (-2055) (-)

6000

4000

2000

0

7.95

8.00

8.05

Time-->

