

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101020\
 Data File : VV018837.D
 Acq On : 10 Oct 2020 17:00
 Operator : SY/MD
 Sample : L4287-20
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AK6

Quant Time: Oct 12 05:54:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 12 04:43:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	304925	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	284375	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	135808	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	90479	32.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.32%
7) Chloroethane-d5	1.58	69	84663	37.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.92%
11) 1,1-Dichloroethene-d2	2.12	63	140672	26.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	52.68%#
21) 2-Butanone-d5	3.91	46	175056	102.90	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.90%
24) Chloroform-d	4.38	84	197696	40.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.88%
26) 1,2-Dichloroethane-d4	5.06	65	140362	42.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.72%
32) Benzene-d6	5.08	84	360070	39.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.68%
36) 1,2-Dichloropropane-d6	6.09	67	130930	43.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.76%
41) Toluene-d8	7.34	98	305502	37.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	75.20%#
43) trans-1,3-Dichloropropene-	7.64	79	51650	35.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.82%
47) 2-Hexanone-d5	8.11	63	84943	81.22	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.22%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	164820	48.01	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.02%
64) 1,2-Dichlorobenzene-d4	11.65	152	138750	46.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.32%

Target Compounds

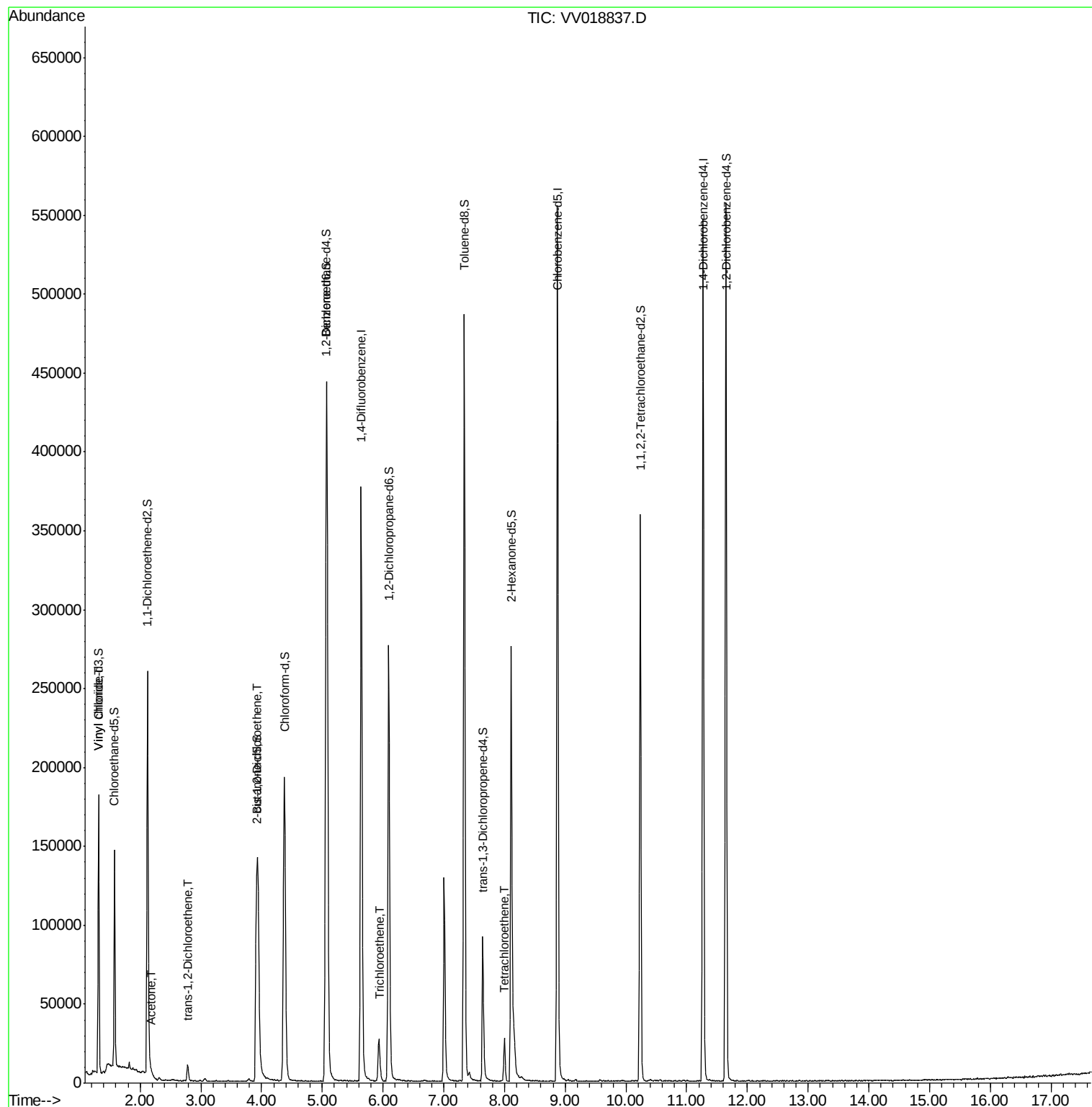
					Ovalue
5) Vinyl chloride	1.32	62	20146	7.483	ug/L 96
13) Acetone	2.19	43	4114	2.901	ug/L 74
17) trans-1,2-Dichloroethene	2.78	96	3462	1.554	ug/L 85
20) cis-1,2-Dichloroethene	3.94	96	49954	21.219	ug/L 97
34) Trichloroethene	5.95	95	2264	0.872	ug/L 89
46) Tetrachloroethene	8.00	164	6350	3.337	ug/L 95

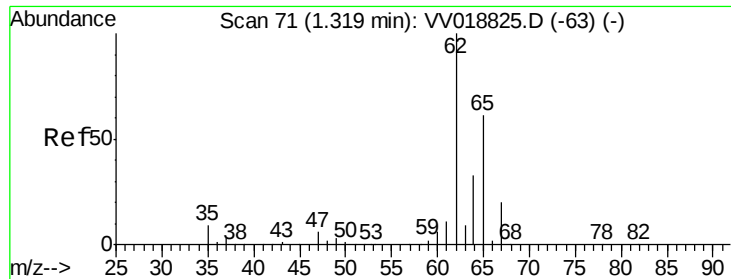
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 7.483 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV018837.D

Acq: 10 Oct 2020 17:00

Instrument :

MSVOA_V

ClientSampleId :

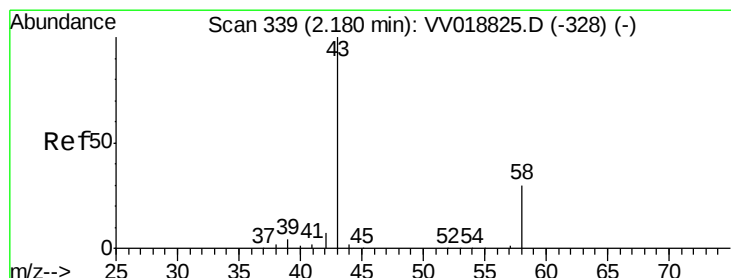
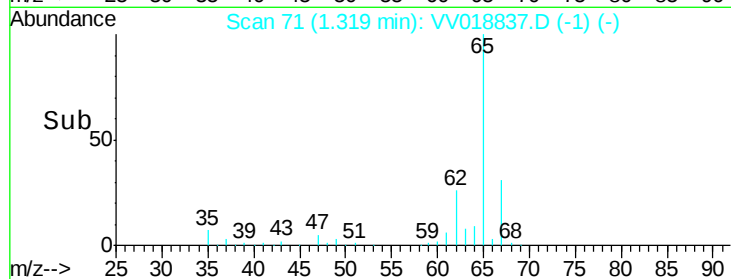
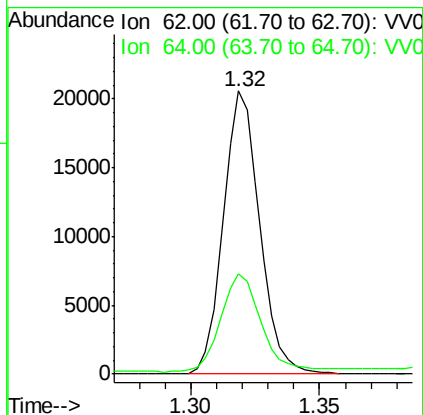
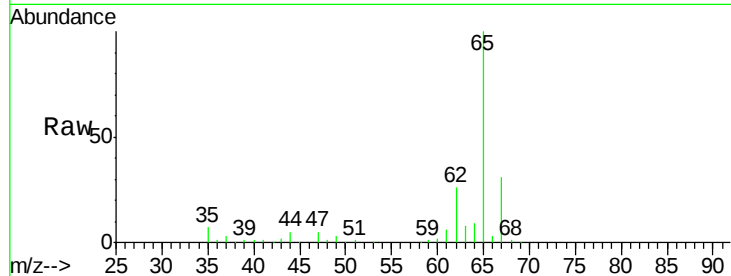
C0AK6

Tot Ion: 62 Resp: 20146

Ion Ratio Lower Upper

62 100

64 35.3 23.2 43.0



#13

Acetone

Concen: 2.901 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.01 min

Lab File: VV018837.D

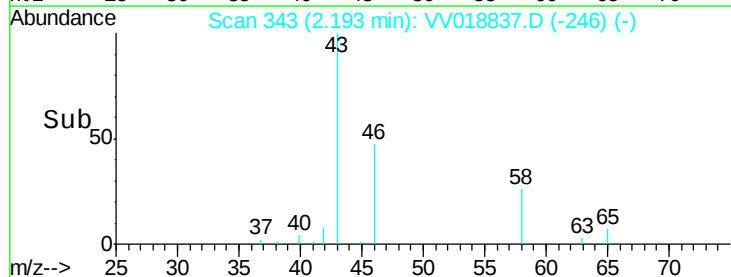
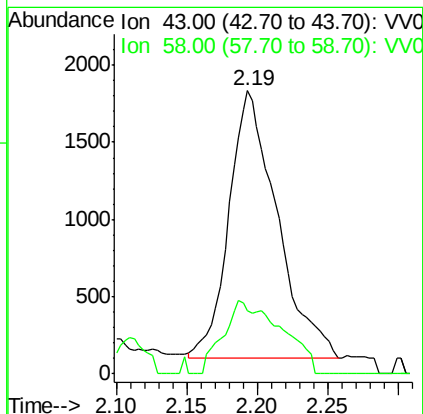
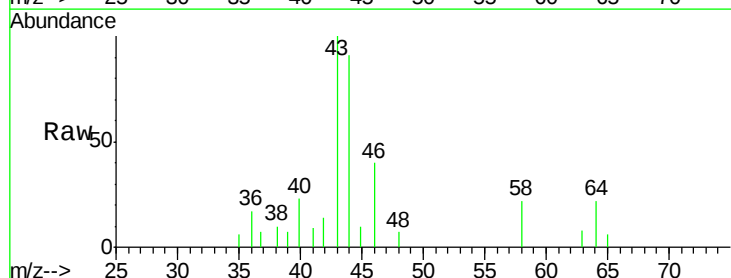
Acq: 10 Oct 2020 17:00

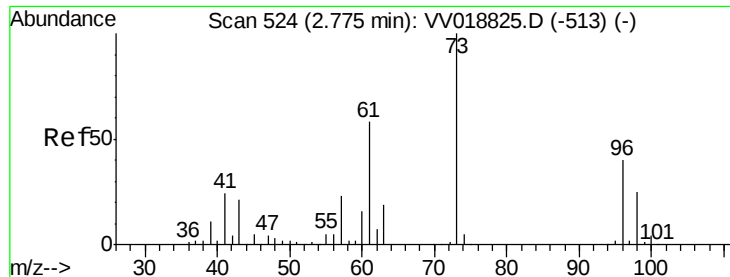
Tgt Ion: 43 Resp: 4114

Ion Ratio Lower Upper

43 100

58 16.0 0.0 61.0





#17

trans-1,2-Dichloroethene

Concen: 1.554 ug/L

RT: 2.78 min Scan# 527

Delta R.T. 0.01 min

Lab File: VV018837.D

Acq: 10 Oct 2020 17:00

Instrument :

MSVOA_V

ClientSampled :

C0AK6

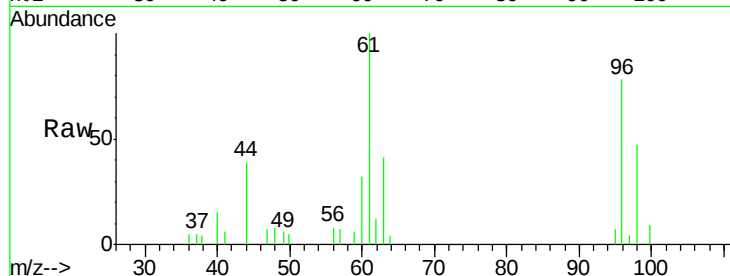
Tot Ion: 96 Resp: 3462

Ion Ratio Lower Upper

96 100

61 127.5 105.7 196.3

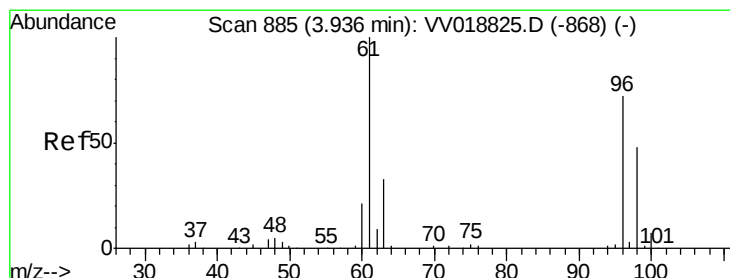
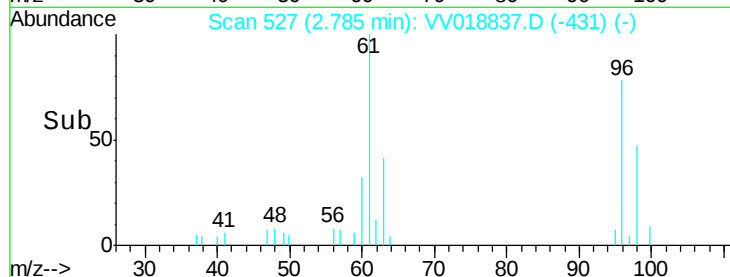
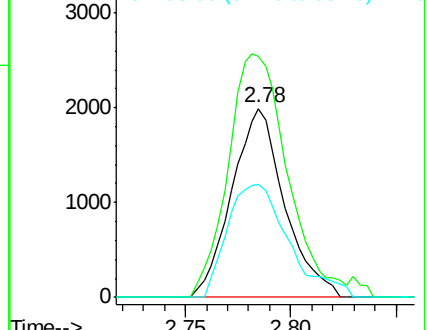
98 59.7 44.7 83.1



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 98.00 (97.70 to 98.70): VV0



#20

cis-1,2-Dichloroethene

Concen: 21.219 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.00 min

Lab File: VV018837.D

Acq: 10 Oct 2020 17:00

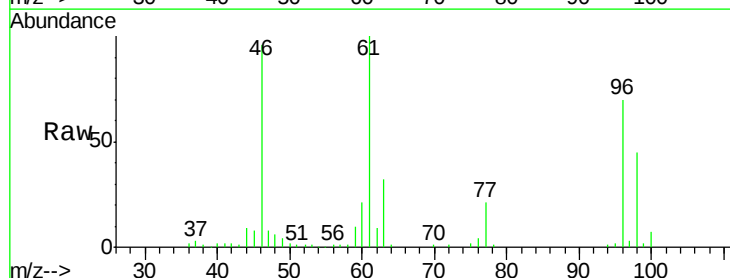
Tgt Ion: 96 Resp: 49954

Ion Ratio Lower Upper

96 100

61 142.3 97.3 180.7

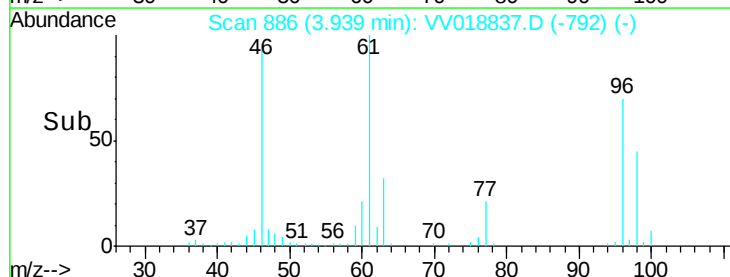
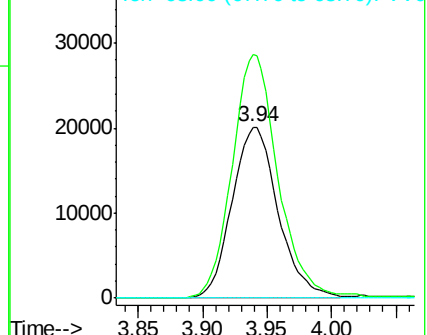
68 0.0 0.0 0.0

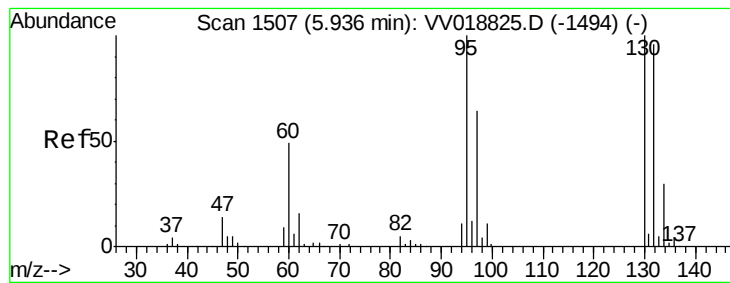


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0





#34

Trichloroethene

Concen: 0.872 ug/L

RT: 5.95 min Scan# 1511

Delta R.T. 0.01 min

Lab File: VV018837.D

Acq: 10 Oct 2020 17:00

Instrument :

MSVOA_V

ClientSampleId :

C0AK6

Tot Ion: 95 Resp: 2264

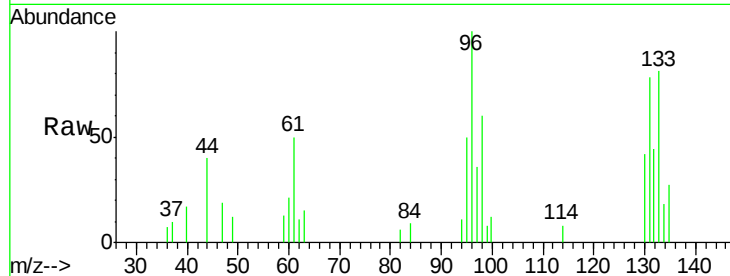
Ion Ratio Lower Upper

95 100

97 71.3 45.1 83.9

132 87.0 66.2 123.0

130 84.0 69.1 128.3

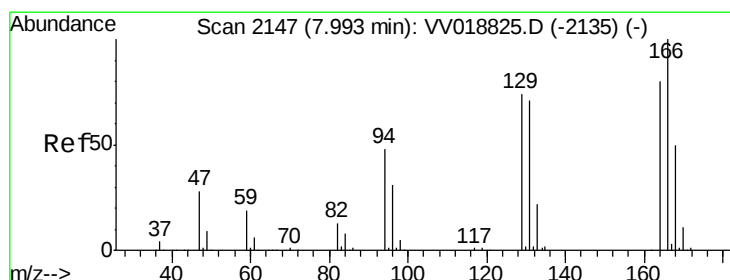
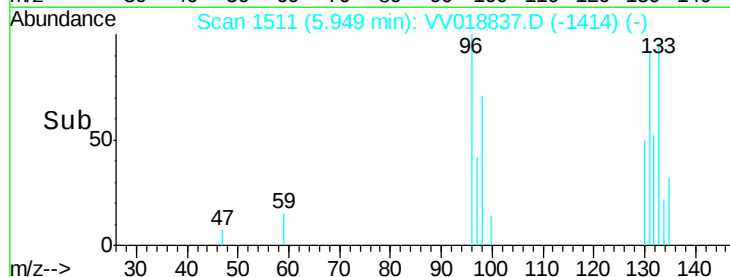
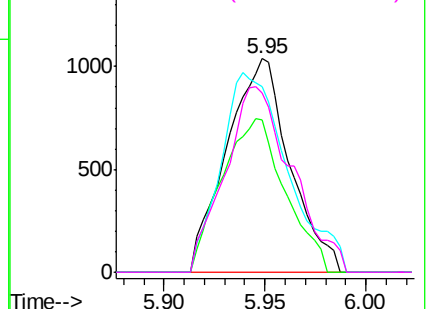


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#46

Tetrachloroethene

Concen: 3.337 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.01 min

Lab File: VV018837.D

Acq: 10 Oct 2020 17:00

Tgt Ion: 164 Resp: 6350

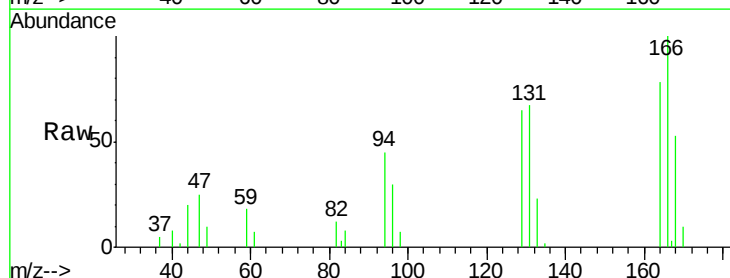
Ion Ratio Lower Upper

164 100

129 83.0 64.6 120.0

131 85.6 63.6 118.0

166 127.5 88.3 164.1



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

