

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100720\
 Data File : VV018706.D
 Acq On : 06 Oct 2020 22:22
 Operator : SY/MD
 Sample : L4287-09
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AH6

Quant Time: Oct 07 08:07:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 07 07:22:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	186053	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	188060	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	85228	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	80439	73.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	147.44%#
7) Chloroethane-d5	1.58	69	68768	76.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	152.44%#
11) 1,1-Dichloroethene-d2	2.12	63	120882	54.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	108.74%
21) 2-Butanone-d5	3.91	46	101850	125.14	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	125.14%
24) Chloroform-d	4.38	84	154435	65.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	130.90%#
26) 1,2-Dichloroethane-d4	5.06	65	108766	72.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	145.22%#
32) Benzene-d6	5.08	84	294768	61.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	123.76%
36) 1,2-Dichloropropane-d6	6.09	67	92463	64.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	128.48%#
41) Toluene-d8	7.34	98	263755	58.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	117.72%
43) trans-1,3-Dichloropropene-	7.64	79	41912	53.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	107.82%
47) 2-Hexanone-d5	8.11	63	48554	88.82	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.82%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	108491	56.86	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	113.72%
64) 1,2-Dichlorobenzene-d4	11.65	152	115884	70.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	141.40%#

Target Compounds

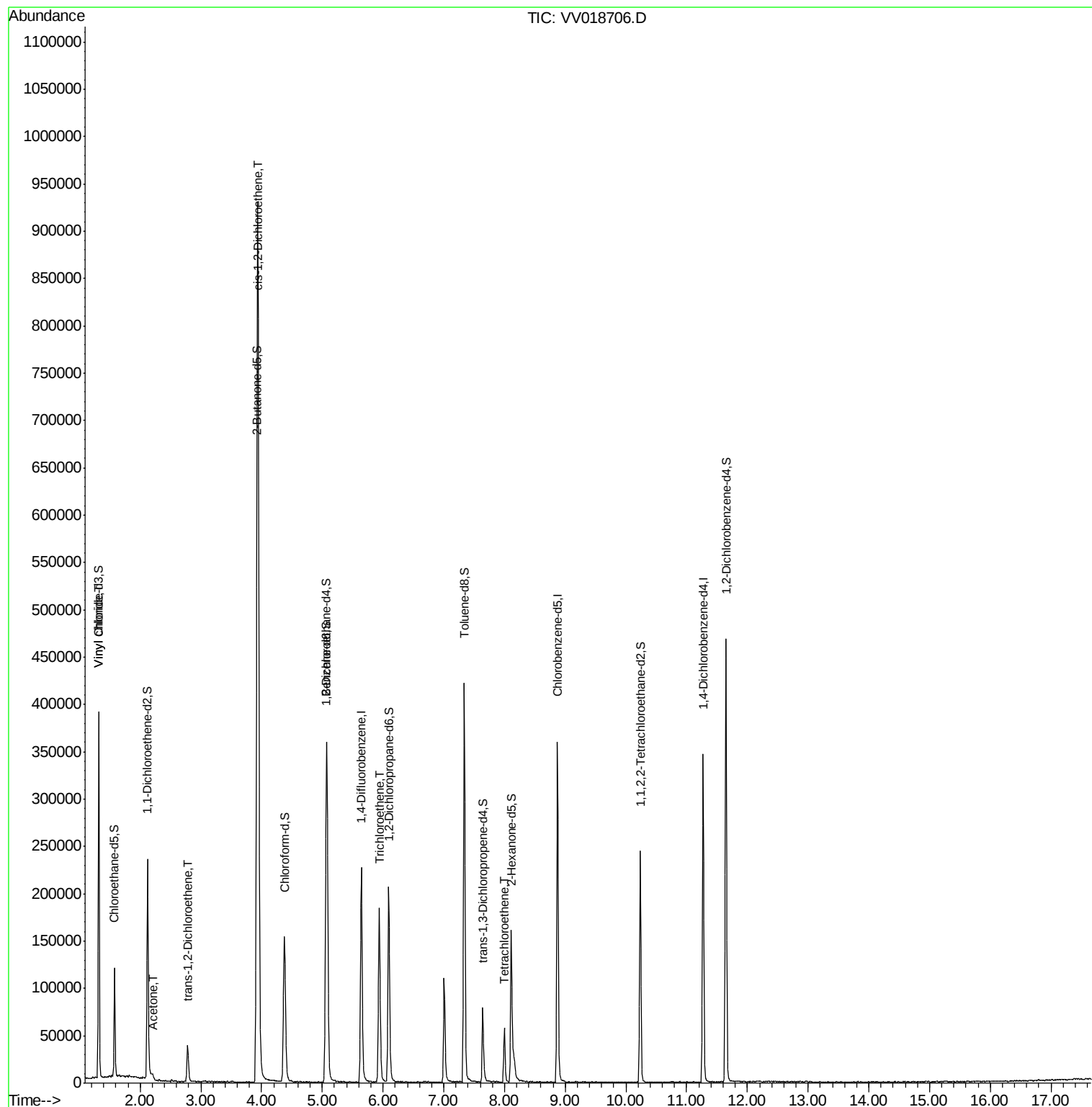
					Ovalue
5) Vinyl chloride	1.32	62	161987	113.820	ug/L 99
13) Acetone	2.20	43	8956	12.736	ug/L 73
17) trans-1,2-Dichloroethene	2.78	96	13867	10.434	ug/L 94
20) cis-1,2-Dichloroethene	3.94	96	496057	351.217	ug/L 94
34) Trichloroethene	5.94	95	58275	36.331	ug/L 98
46) Tetrachloroethene	8.00	164	12928	9.935	ug/L 96

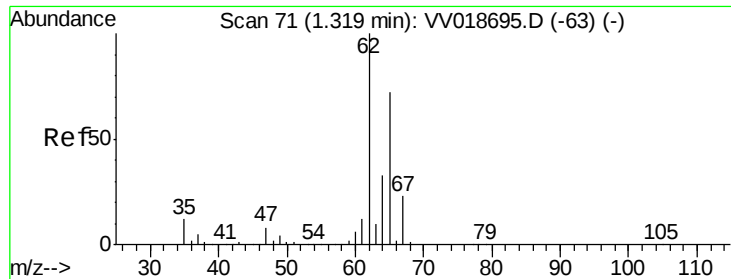
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Oct 07 07:22:30 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 113.820 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV018706.D

Acq: 06 Oct 2020 22:22

Instrument :

MSVOA_V

ClientSampled :

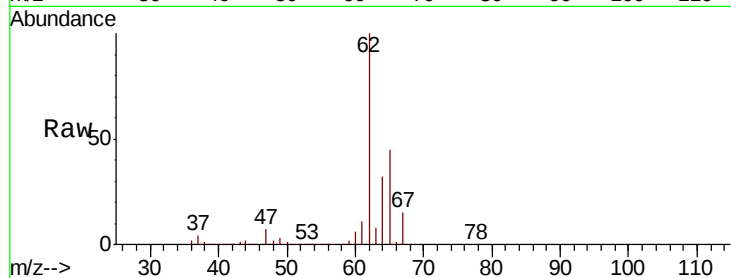
C0AH6

Tot Ion: 62 Resp: 161987

Ion Ratio Lower Upper

62 100

64 32.2 22.9 42.5



Abundance Ion 62.00 (61.70 to 62.70): VV018695.D (-63) (-)

Ion 64.00 (63.70 to 64.70): VV018695.D (-63) (-)

1.32

150000

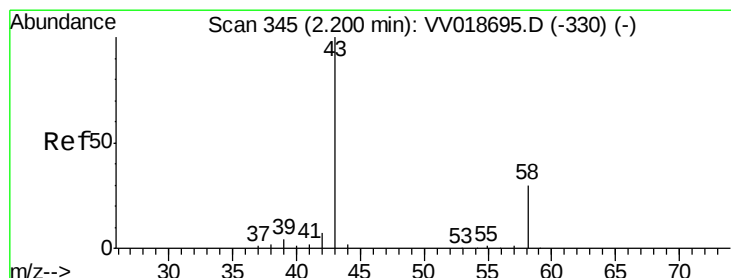
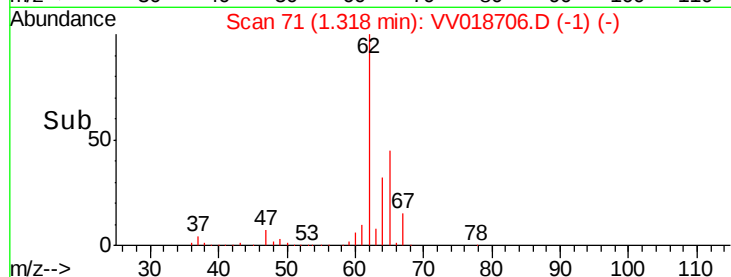
100000

50000

0

1.30 1.35 1.40

Time-->



#13

Acetone

Concen: 12.736 ug/L

RT: 2.20 min Scan# 346

Delta R.T. 0.00 min

Lab File: VV018706.D

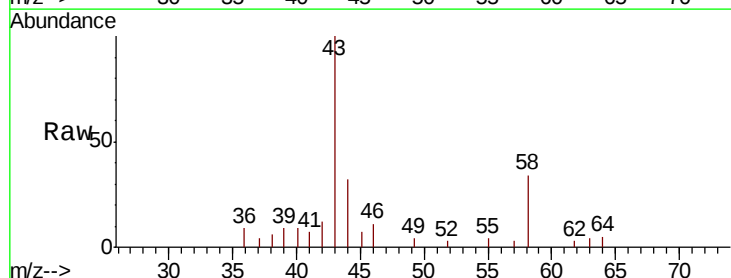
Acq: 06 Oct 2020 22:22

Tgt Ion: 43 Resp: 8956

Ion Ratio Lower Upper

43 100

58 16.7 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VV018695.D (-330) (-)

Ion 58.00 (57.70 to 58.70): VV018695.D (-330) (-)

2.20

4000

3000

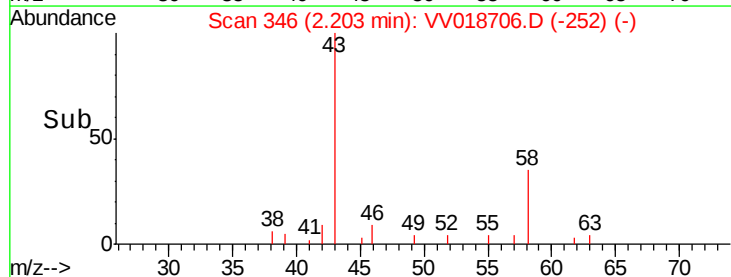
2000

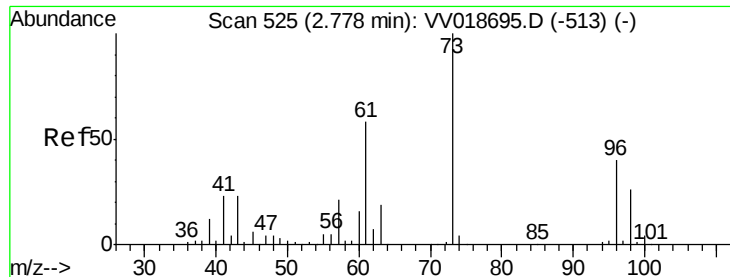
1000

0

2.10 2.15 2.20 2.25 2.30

Time-->





#17

trans-1,2-Dichloroethene

Concen: 10.434 ug/L

RT: 2.78 min Scan# 526

Delta R.T. 0.00 min

Lab File: VV018706.D

Acq: 06 Oct 2020 22:22

Instrument :

MSVOA_V

ClientSampleId :

C0AH6

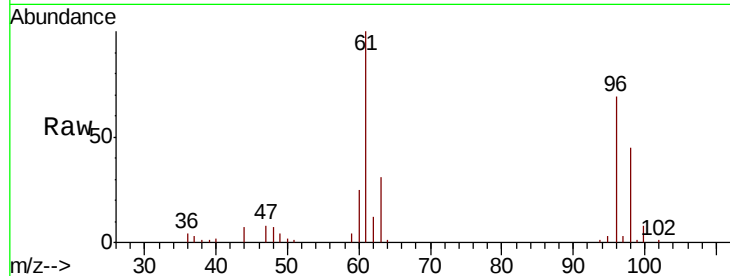
Tot Ion: 96 Resp: 13867

Ion Ratio Lower Upper

96 100

61 145.1 95.0 176.4

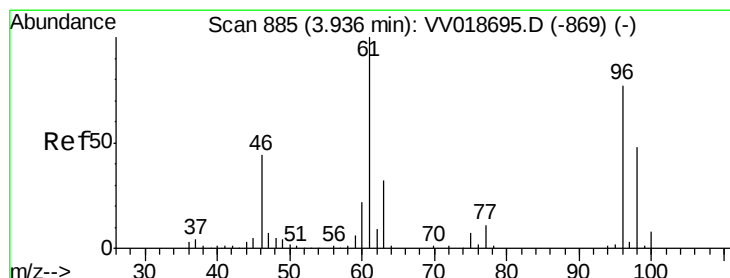
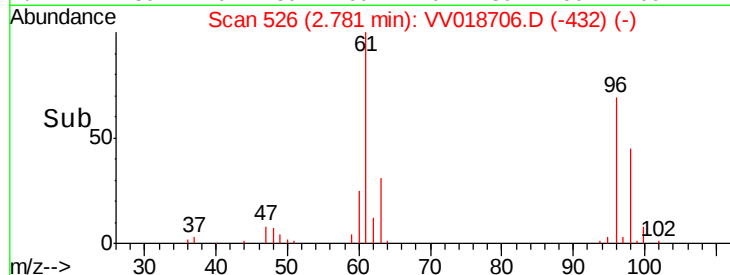
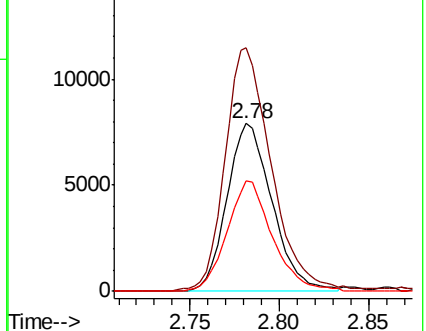
98 65.7 44.6 82.8



Abundance Ion 96.00 (95.70 to 96.70): VV018706.D (-432) (-)

Ion 61.00 (60.70 to 61.70): VV018706.D (-432) (-)

Ion 98.00 (97.70 to 98.70): VV018706.D (-432) (-)



#20

cis-1,2-Dichloroethene

Concen: 351.217 ug/L

RT: 3.94 min Scan# 885

Delta R.T. -0.00 min

Lab File: VV018706.D

Acq: 06 Oct 2020 22:22

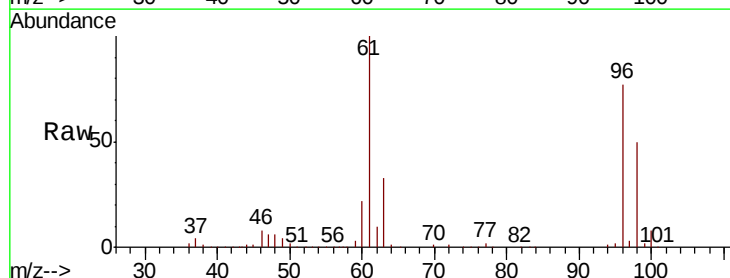
Tgt Ion: 96 Resp: 496057

Ion Ratio Lower Upper

96 100

61 130.3 86.8 161.2

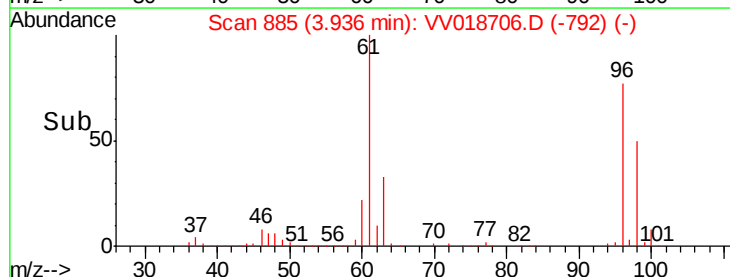
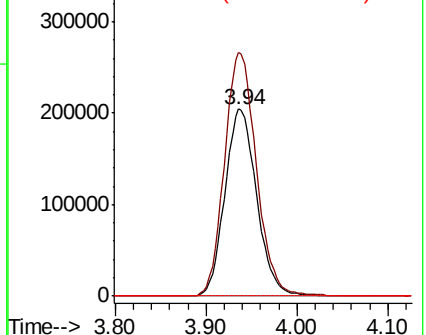
68 0.0 0.0 0.0

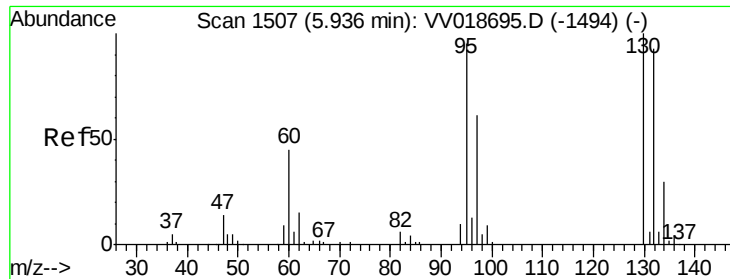


Abundance Ion 96.00 (95.70 to 96.70): VV018706.D (-792) (-)

Ion 61.00 (60.70 to 61.70): VV018706.D (-792) (-)

Ion 68.00 (67.70 to 68.70): VV018706.D (-792) (-)





#34

Trichloroethene

Concen: 36.331 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV018706.D

Acq: 06 Oct 2020 22:22

Instrument :

MSVOA_V

ClientSampleId :

C0AH6

Tot Ion: 95 Resp: 58275

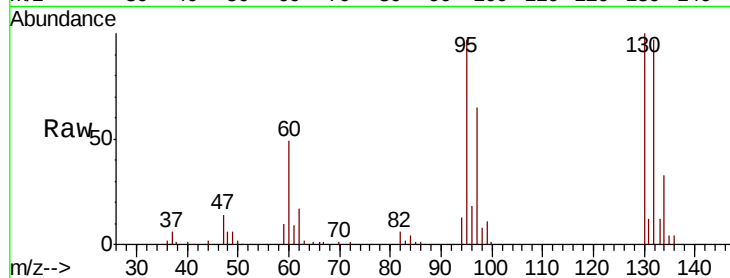
Ion Ratio Lower Upper

95 100

97 66.8 45.9 85.3

132 99.9 70.8 131.4

130 103.3 75.3 139.8

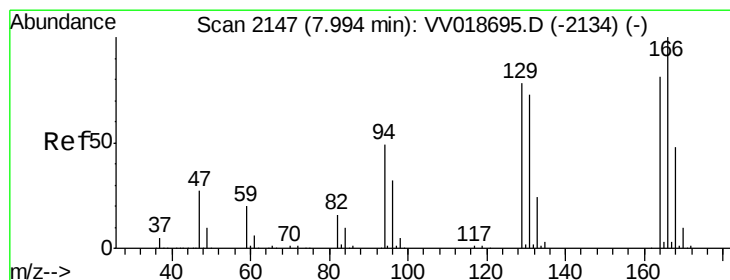
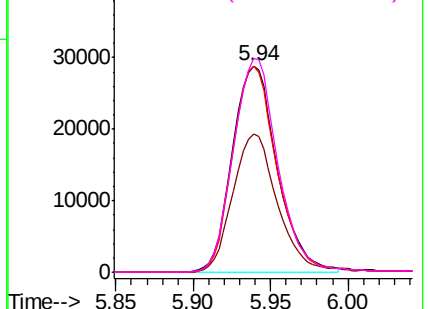
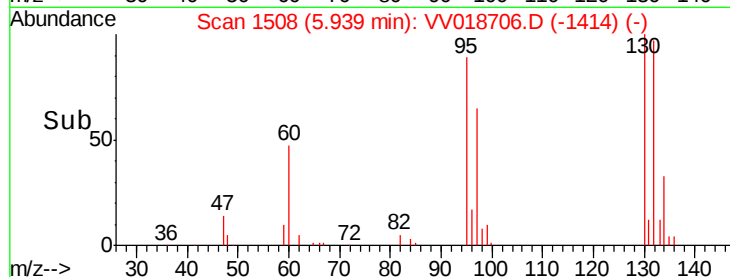


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 9.935 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV018706.D

Acq: 06 Oct 2020 22:22

Tgt Ion: 164 Resp: 12928

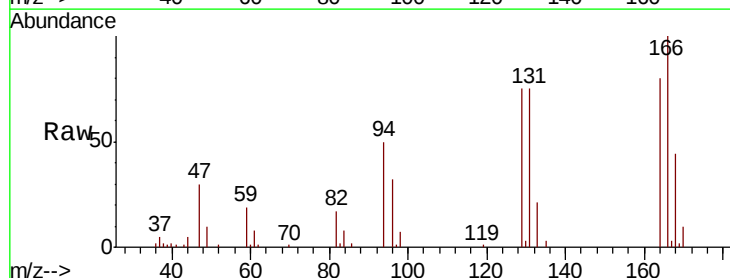
Ion Ratio Lower Upper

164 100

129 93.5 62.8 116.6

131 93.1 60.8 112.8

166 124.5 88.9 165.1



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

