

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081220\
 Data File : VV017942.D
 Acq On : 12 Aug 2020 22:13
 Operator : SY/MD
 Sample : L3644-07DL 10X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F2L60DL

Quant Time: Aug 13 06:13:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 13 05:58:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	176019	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	174979	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	76410	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	134088	99.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	199.68%#
7) Chloroethane-d5	1.58	69	114614	104.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	208.62%#
11) 1,1-Dichloroethene-d2	2.12	63	203004	79.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	158.04%#
21) 2-Butanone-d5	3.91	46	185761	211.18	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	211.18%#
24) Chloroform-d	4.38	84	249961	102.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	204.48%#
26) 1,2-Dichloroethane-d4	5.06	65	170984	107.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	215.36%#
32) Benzene-d6	5.08	84	507590	105.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	210.52%#
36) 1,2-Dichloropropane-d6	6.09	67	166493	105.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	211.20%#
41) Toluene-d8	7.34	98	453899	104.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	209.32%#
43) trans-1,3-Dichloropropene-	7.64	79	72492	101.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	202.76%#
47) 2-Hexanone-d5	8.11	63	96951	191.63	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	191.63%#
57) 1,1,2,2-Tetrachloroethane-	10.24	84	199905	97.37	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	194.74%#
64) 1,2-Dichlorobenzene-d4	11.65	152	177603	118.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	236.20%#

Target Compounds

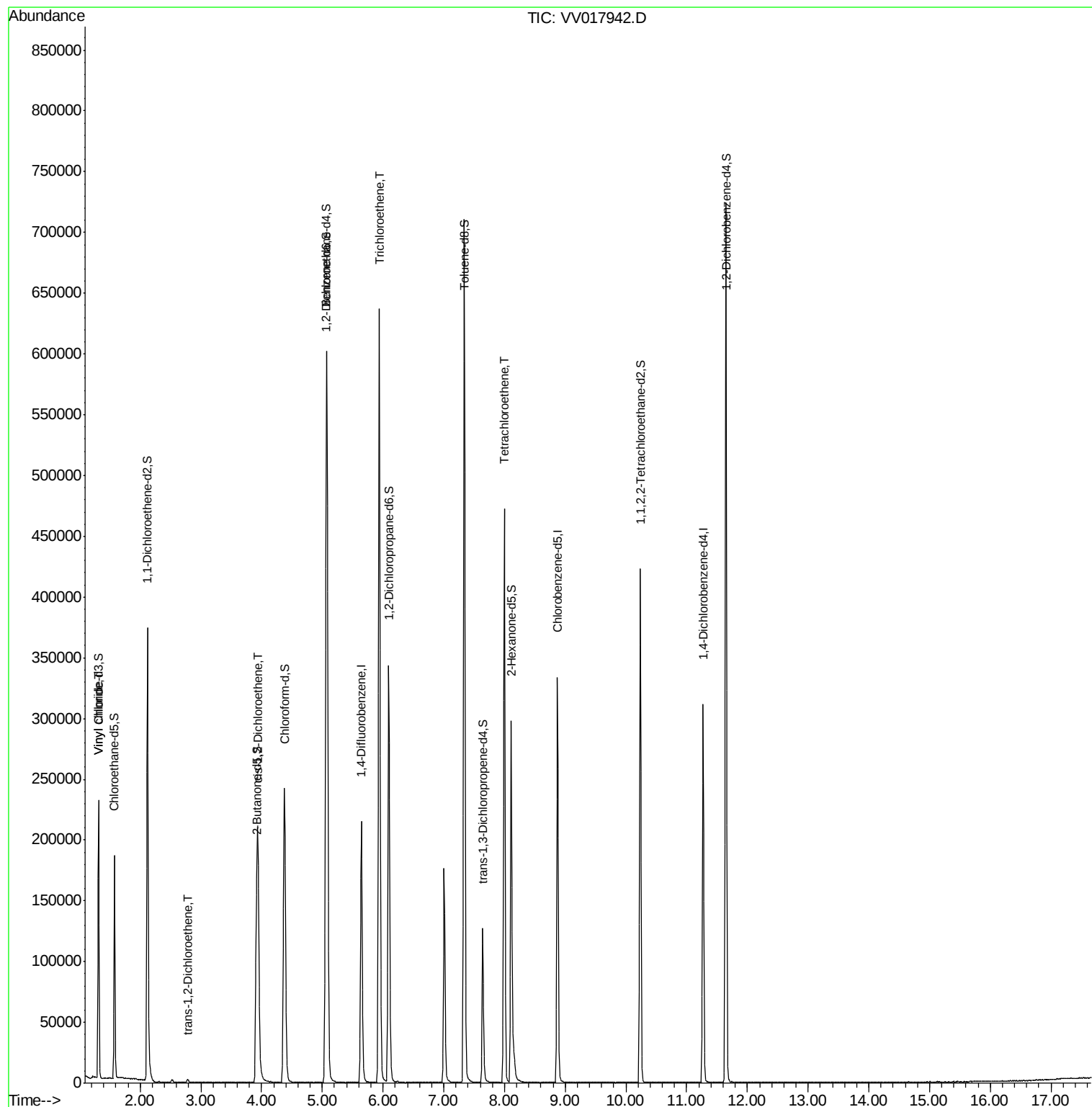
					Ovalue
5) Vinyl chloride	1.32	62	11795	7.541	ug/L # 78
17) trans-1,2-Dichloroethene	2.78	96	1210	0.997	ug/L 93
20) cis-1,2-Dichloroethene	3.94	96	86227	64.649	ug/L 98
34) Trichloroethene	5.94	95	220283	153.940	ug/L 99
46) Tetrachloroethene	8.00	164	103540	98.661	ug/L 98

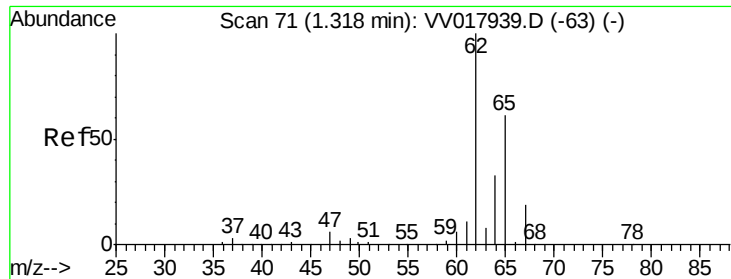
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Aug 13 05:58:58 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 7.541 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV017942.D

Acq: 12 Aug 2020 22:13

Instrument :

MSVOA_V

ClientSampled :

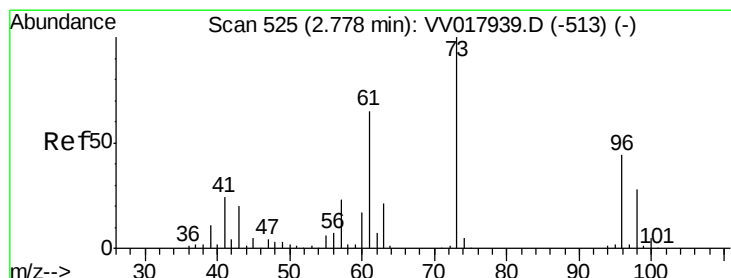
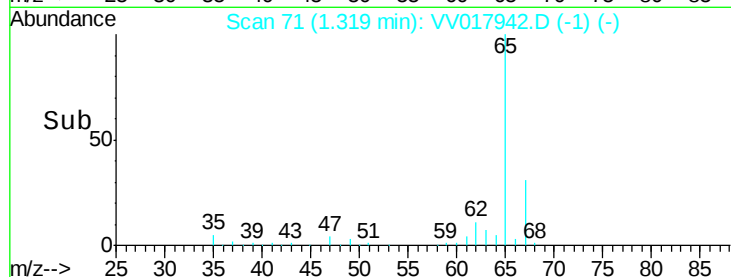
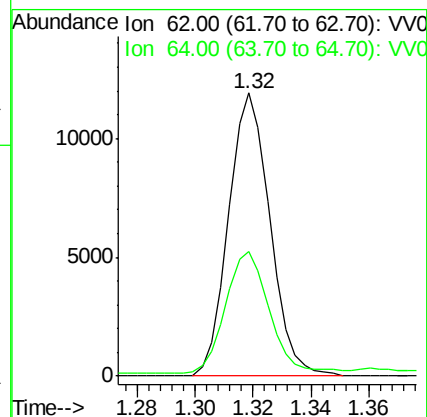
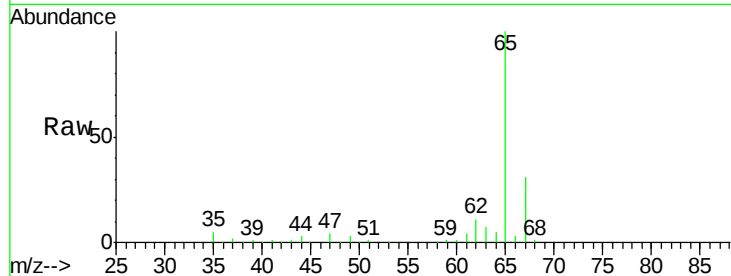
F2L60DL

Tot Ion: 62 Resp: 11795

Ion Ratio Lower Upper

62 100

64 44.2 22.4 41.6#



#17

trans-1,2-Dichloroethene

Concen: 0.997 ug/L

RT: 2.78 min Scan# 527

Delta R.T. 0.01 min

Lab File: VV017942.D

Acq: 12 Aug 2020 22:13

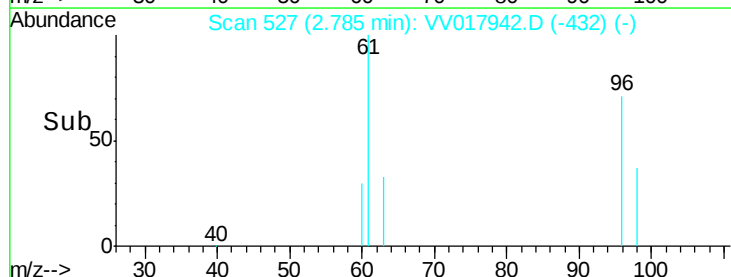
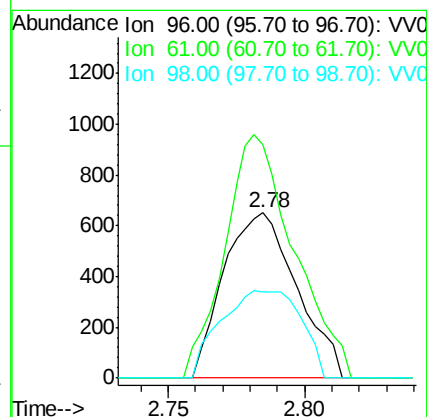
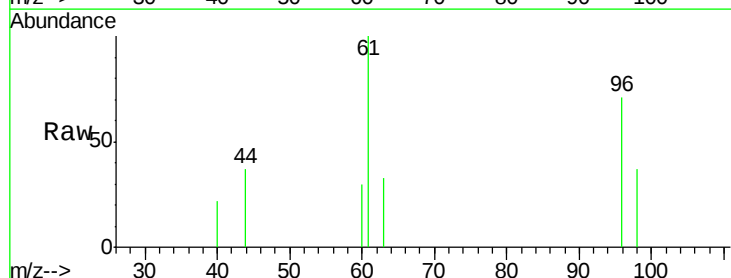
Tgt Ion: 96 Resp: 1210

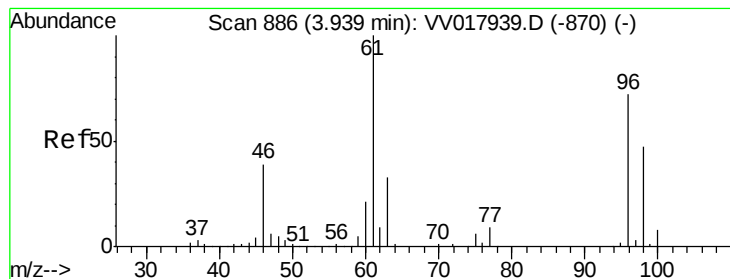
Ion Ratio Lower Upper

96 100

61 141.3 102.4 190.2

98 51.9 44.4 82.5



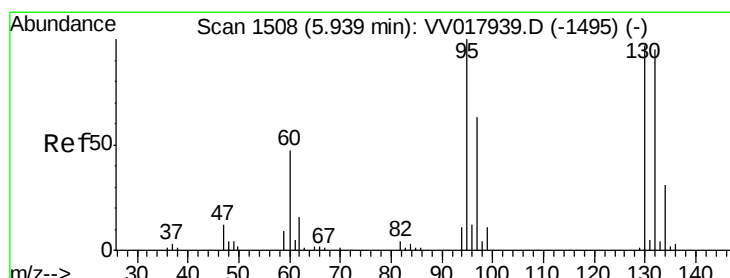
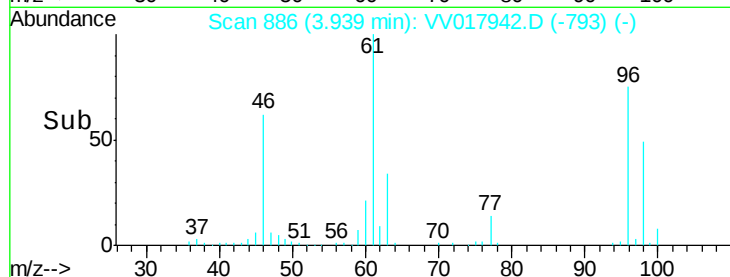
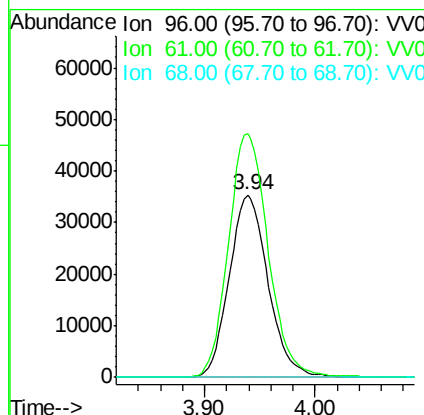
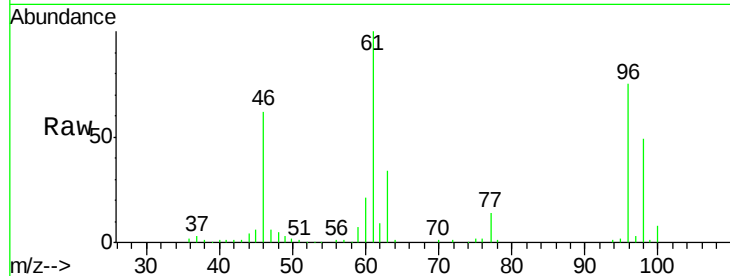


#20

cis-1,2-Dichloroethene
 Concen: 64.649 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: VV017942.D
 Acq: 12 Aug 2020 22:13

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 MSVOA_V
 ClientSampleId :
 F2L60DL

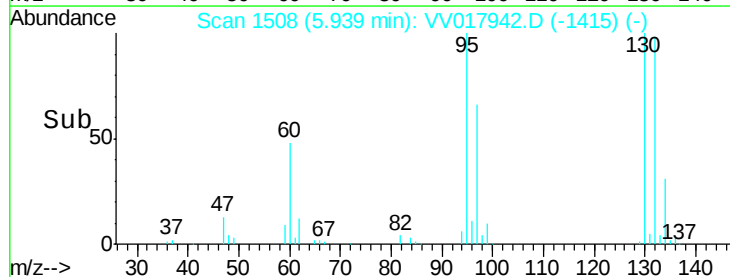
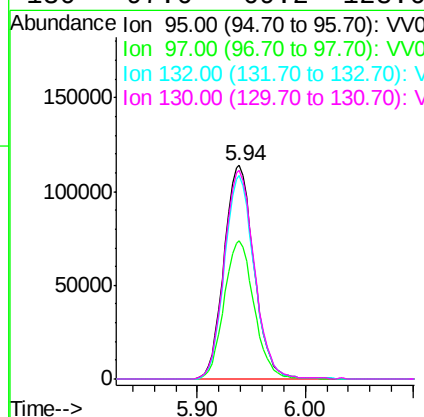
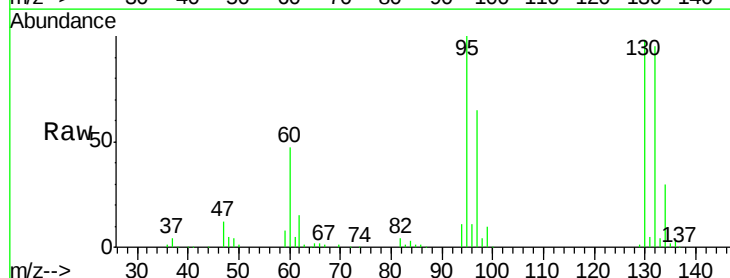
Tot Ion: 96 Resp: 86227
 Ion Ratio Lower Upper
 96 100
 61 133.2 95.0 176.4
 68 0.0 0.0 0.0

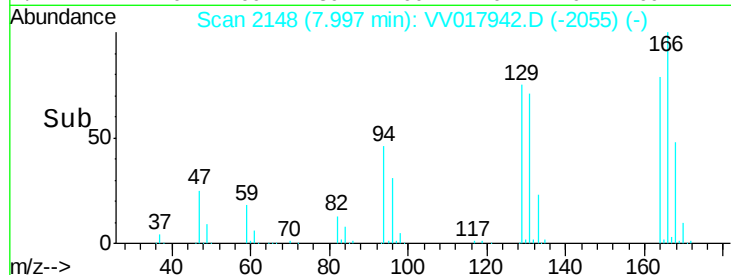
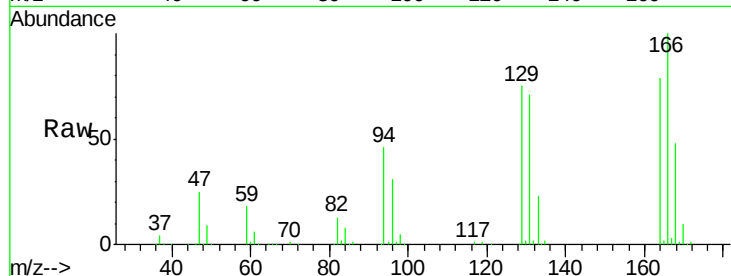
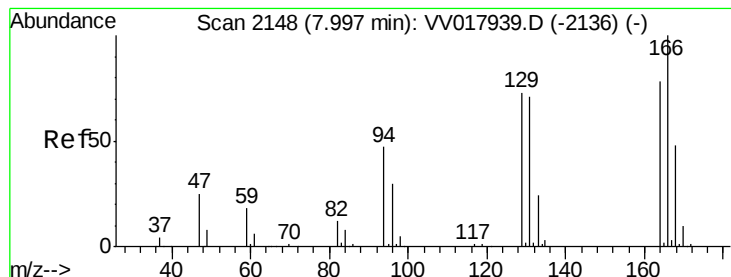


#34

Trichloroethene
 Concen: 153.940 ug/L
 RT: 5.94 min Scan# 1508
 Delta R.T. 0.00 min
 Lab File: VV017942.D
 Acq: 12 Aug 2020 22:13

Tgt Ion: 95 Resp: 220283
 Ion Ratio Lower Upper
 95 100
 97 64.8 46.0 85.4
 132 95.4 65.8 122.2
 130 97.6 69.2 128.6





#46

Tetrachloroethene

Concen: 98.661 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV017942.D

Acq: 12 Aug 2020 22:13

Instrument :
MSVOA_V
ClientSampleId :
F2L60DL

Tot Ion:164 Resp: 103540

Ion Ratio Lower Upper

164 100

129 95.2 64.8 120.3

131 89.9 64.5 119.9

166 127.3 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

