

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081220\
 Data File : VV017954.D
 Acq On : 13 Aug 2020 02:54
 Operator : SY/MD
 Sample : L3644-20
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F2M14

Quant Time: Aug 13 06:57:36 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	242489	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	237038	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	106879	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	83862	45.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.66%
7) Chloroethane-d5	1.58	69	72929	48.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.36%
11) 1,1-Dichloroethene-d2	2.12	63	124587	35.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.40%
21) 2-Butanone-d5	3.91	46	123192	101.66	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.66%
24) Chloroform-d	4.38	84	158155	46.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.92%
26) 1,2-Dichloroethane-d4	5.06	65	113886	52.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.12%
32) Benzene-d6	5.08	84	326897	50.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.08%
36) 1,2-Dichloropropane-d6	6.09	67	108812	50.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.90%
41) Toluene-d8	7.34	98	284304	48.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.78%
43) trans-1,3-Dichloropropene-	7.64	79	44526	45.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.94%
47) 2-Hexanone-d5	8.11	63	60328	88.02	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.02%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	133649	48.06	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.12%
64) 1,2-Dichlorobenzene-d4	11.65	152	115626	54.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.94%

Target Compounds

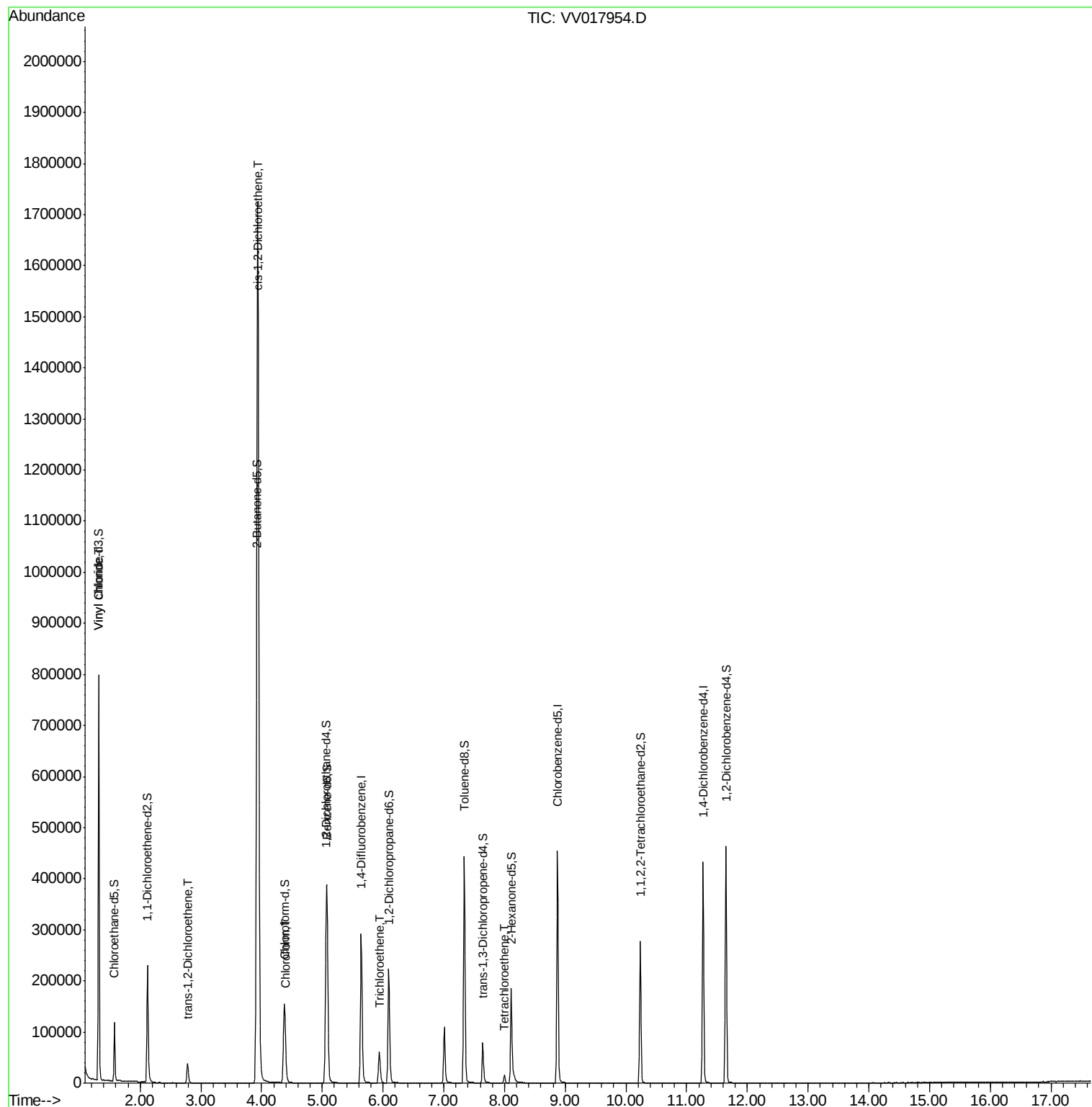
					Ovalue
5) Vinyl chloride	1.32	62	402171	186.652	ug/L 99
17) trans-1,2-Dichloroethene	2.78	96	13766	8.233	ug/L 97
20) cis-1,2-Dichloroethene	3.94	96	926877	504.440	ug/L 100
25) Chloroform	4.40	83	7069	2.061	ug/L 98
34) Trichloroethene	5.94	95	19025	9.814	ug/L 94
46) Tetrachloroethene	8.00	164	3699	2.602	ug/L 98

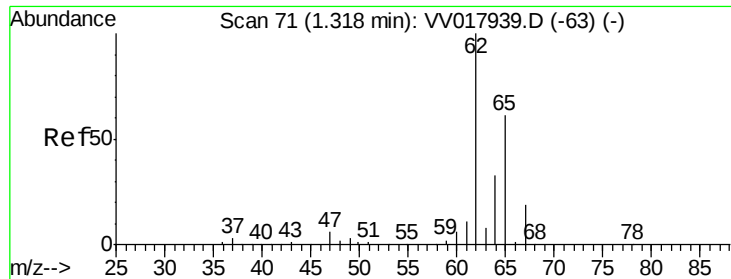
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Aug 13 05:58:58 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 186.652 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV017954.D

Acq: 13 Aug 2020 02:54

Instrument :

MSVOA_V

ClientSampleId :

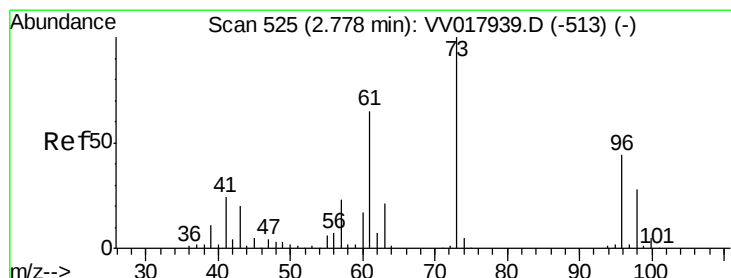
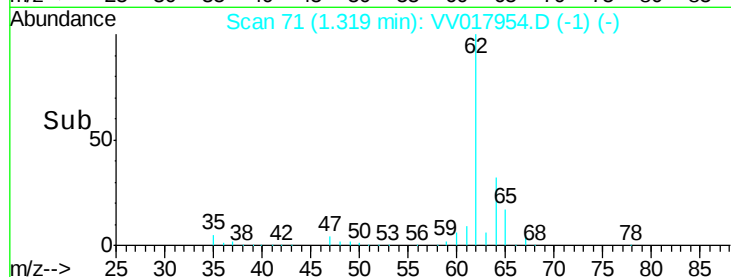
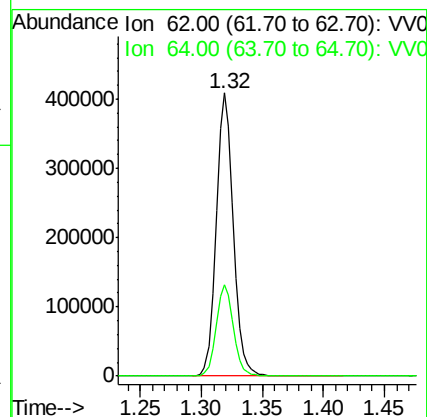
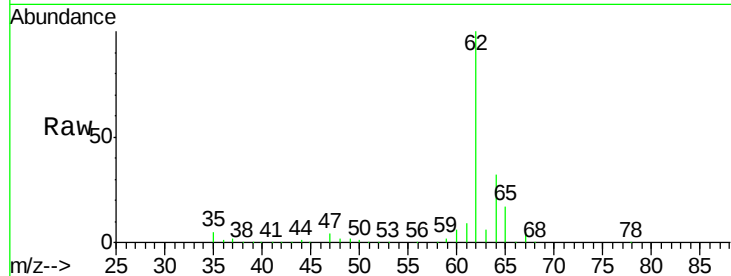
F2M14

Tot Ion: 62 Resp: 402171

Ion Ratio Lower Upper

62 100

64 32.5 22.4 41.6



#17

trans-1,2-Dichloroethene

Concen: 8.233 ug/L

RT: 2.78 min Scan# 526

Delta R.T. 0.00 min

Lab File: VV017954.D

Acq: 13 Aug 2020 02:54

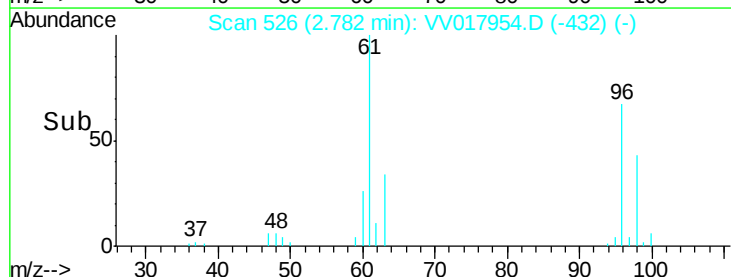
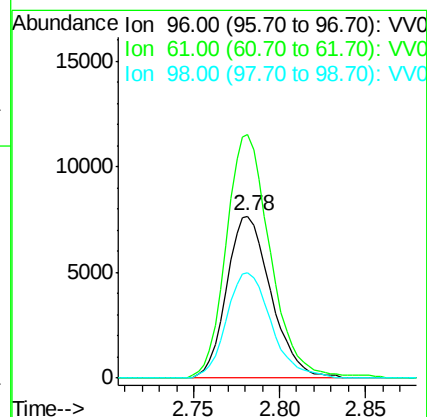
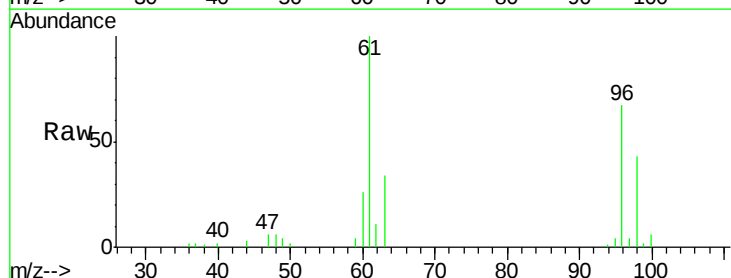
Tgt Ion: 96 Resp: 13766

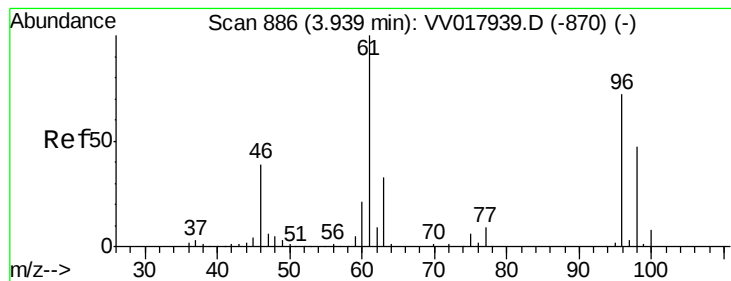
Ion Ratio Lower Upper

96 100

61 150.2 102.4 190.2

98 64.9 44.4 82.5



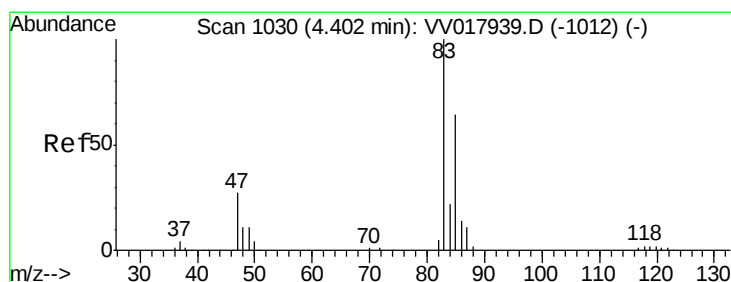
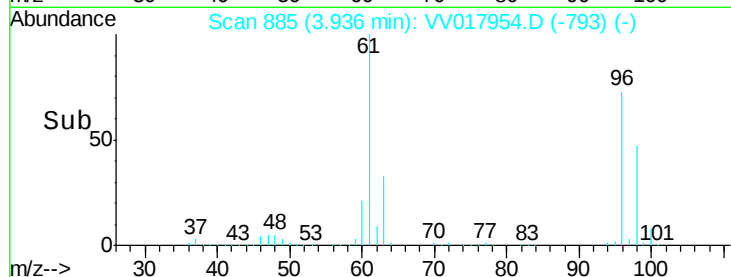
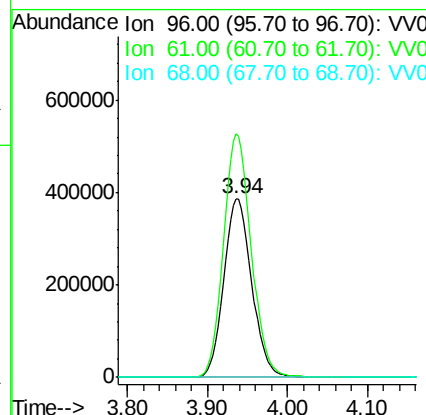
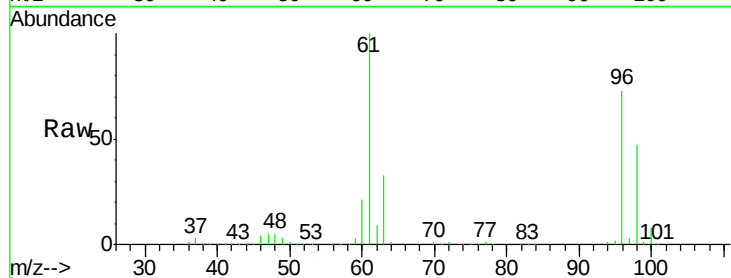


#20

cis-1,2-Dichloroethene
Concen: 504.440 ug/L
RT: 3.94 min Scan# 885
Delta R.T. -0.00 min
Lab File: VV017954.D
Acq: 13 Aug 2020 02:54

Instrument :
MSVOA_V
ClientSampleId :
F2M14

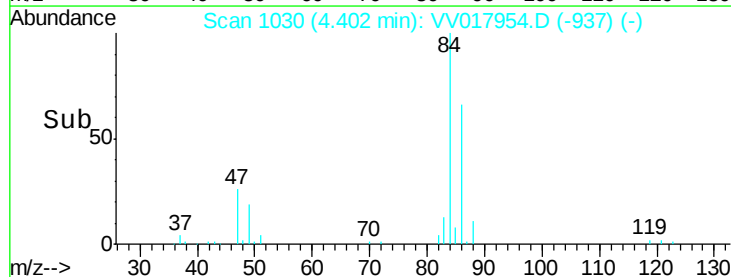
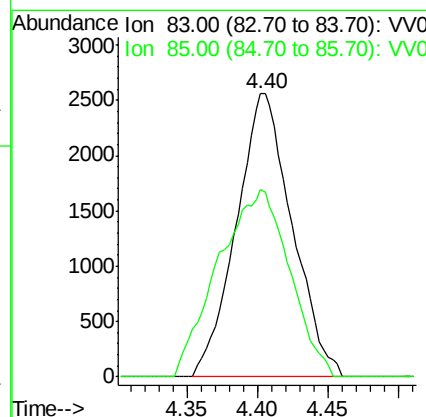
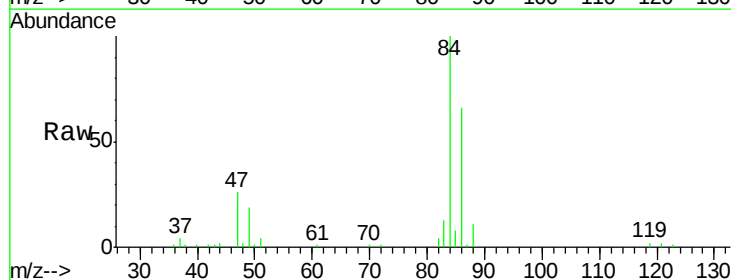
Tot Ion: 96 Resp: 926877
Ion Ratio Lower Upper
96 100
61 136.2 95.0 176.4
68 0.0 0.0 0.0

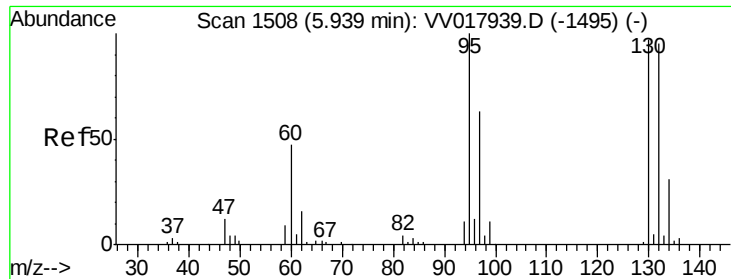


#25

Chloroform
Concen: 2.061 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VV017954.D
Acq: 13 Aug 2020 02:54

Tgt Ion: 83 Resp: 7069
Ion Ratio Lower Upper
83 100
85 66.2 45.5 84.5





#34

Trichloroethene

Concen: 9.814 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV017954.D

Acq: 13 Aug 2020 02:54

Instrument :

MSVOA_V

ClientSampleId :

F2M14

Tot Ion: 95 Resp: 19025

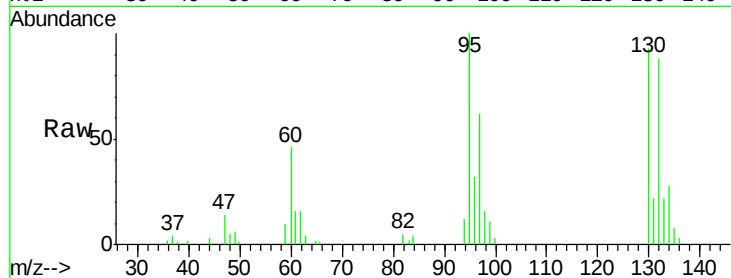
Ion Ratio Lower Upper

95 100

97 62.0 46.0 85.4

132 88.2 65.8 122.2

130 93.1 69.2 128.6

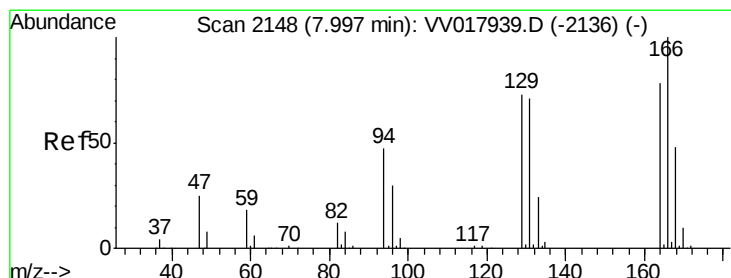
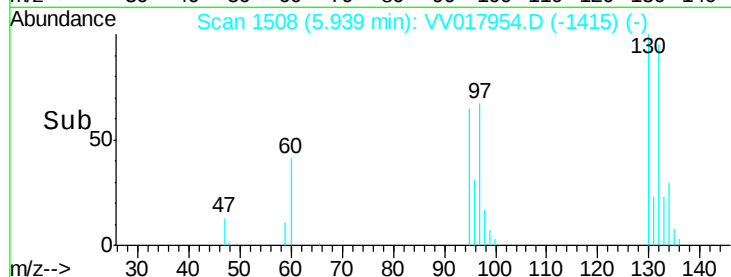
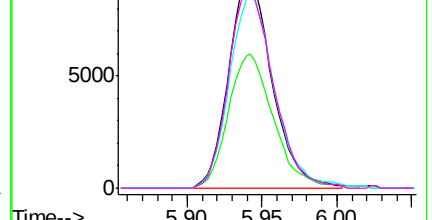


Abundance Ion 95.00 (94.70 to 95.70): VV017939.D (-1495) (-)

Ion 97.00 (96.70 to 97.70): VV017939.D (-1495) (-)

Ion 132.00 (131.70 to 132.70): VV017939.D (-1495) (-)

Ion 130.00 (129.70 to 130.70): VV017939.D (-1495) (-)



#46

Tetrachloroethene

Concen: 2.602 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV017954.D

Acq: 13 Aug 2020 02:54

Tgt Ion: 164 Resp: 3699

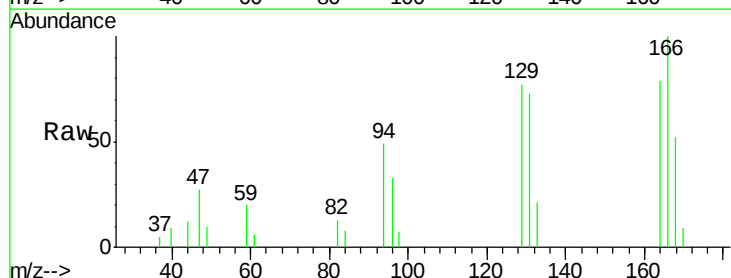
Ion Ratio Lower Upper

164 100

129 97.2 64.8 120.3

131 92.6 64.5 119.9

166 126.2 88.9 165.1



Abundance Ion 164.00 (163.70 to 164.70): VV017939.D (-2136) (-)

Ion 129.00 (128.70 to 129.70): VV017939.D (-2136) (-)

Ion 131.00 (130.70 to 131.70): VV017939.D (-2136) (-)

Ion 166.00 (165.70 to 166.70): VV017939.D (-2136) (-)

