

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042720\
 Data File : VV015736.D
 Acq On : 27 Apr 2020 17:57
 Operator : SY/MD
 Sample : L2413-19DL 100X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETKM8DL

Quant Time: Apr 28 06:39:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Apr 28 02:16:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	126093	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	122040	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	57230	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	25914	3.93	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.60%
7) Chloroethane-d5	1.58	69	27783	4.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.40%
11) 1,1-Dichloroethene-d2	2.12	63	45479	3.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.00%
20) 2-Butanone-d5	3.93	46	116119	54.88	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.76%
24) Chloroform-d	4.38	84	71941	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
26) 1,2-Dichloroethane-d4	5.06	65	45407	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.60%
32) Benzene-d6	5.08	84	141259	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	6.09	67	46133	4.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.20%
41) Toluene-d8	7.34	98	126028	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
43) trans-1,3-Dichloropropene-	7.65	79	13838	3.84	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.80%
46) 2-Hexanone-d5	8.11	63	84385	48.08	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.16%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	34153	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.60%
64) 1,2-Dichlorobenzene-d4	11.65	152	51509	5.29	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.80%

Target Compounds

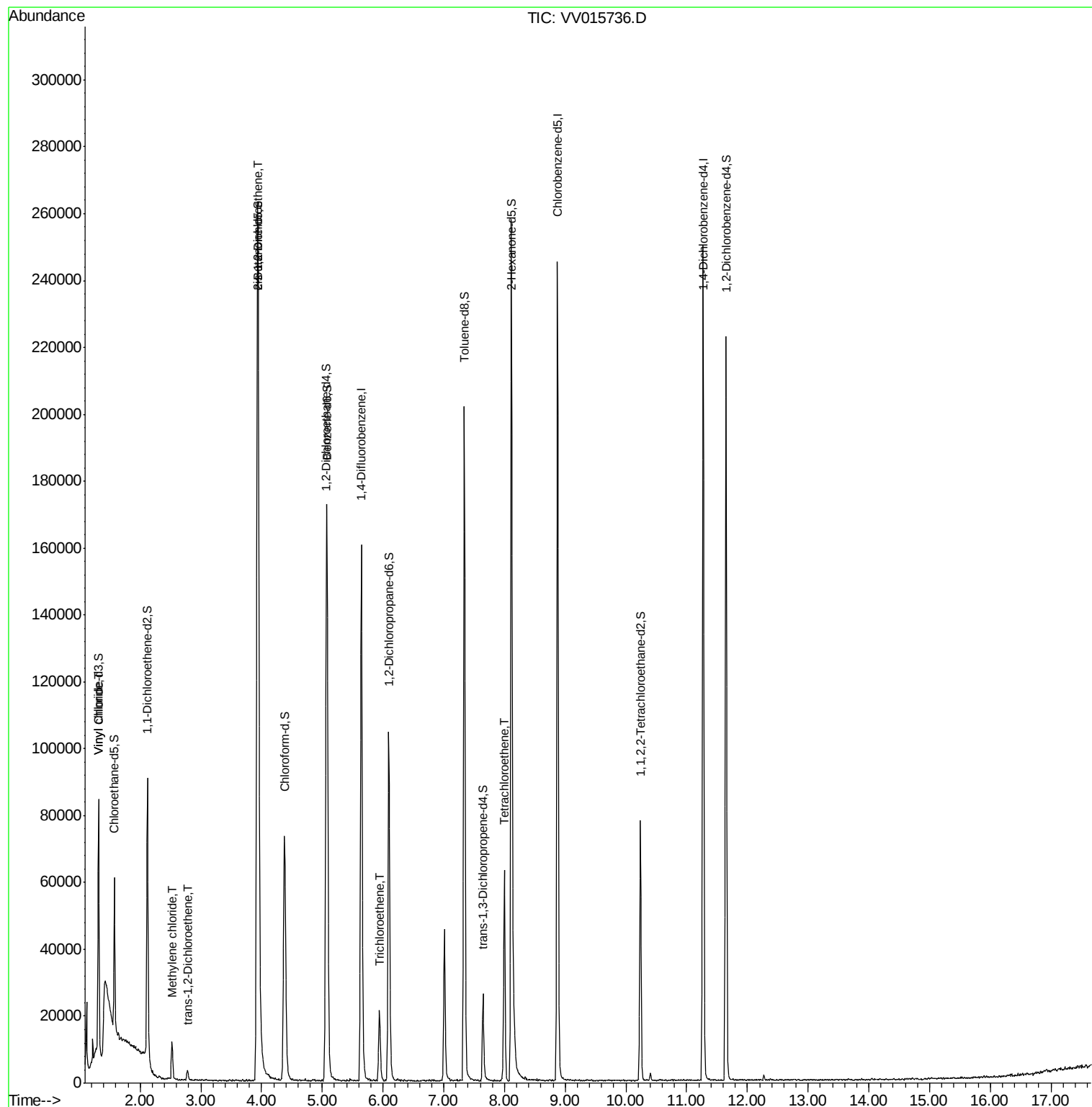
					Ovalue
5) Vinyl chloride	1.32	62	19023	1.906 ug/L	# 79
16) Methylene chloride	2.52	84	4087	0.451 ug/L	87
18) trans-1,2-Dichloroethene	2.78	96	1022	0.124 ug/L	84
22) cis-1,2-Dichloroethene	3.94	96	113391	12.480 ug/L	96
34) Trichloroethene	5.94	95	7077	0.735 ug/L	98
47) Tetrachloroethene	8.00	164	12989	1.873 ug/L	94

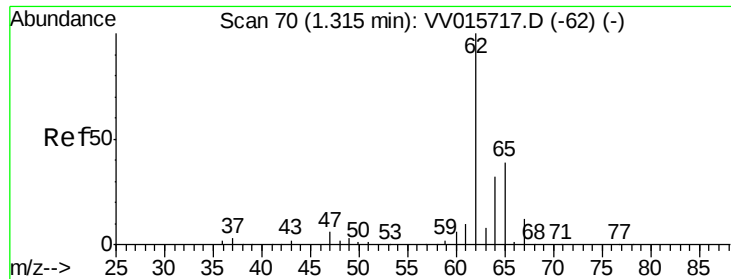
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 1.906 ug/L

RT: 1.32 min Scan# 70

Delta R.T. -0.00 min

Lab File: VV015736.D

Acq: 27 Apr 2020 17:57

Instrument :

MSVOA_V

ClientSampled :

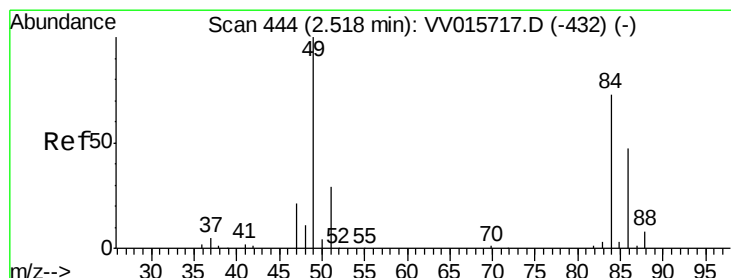
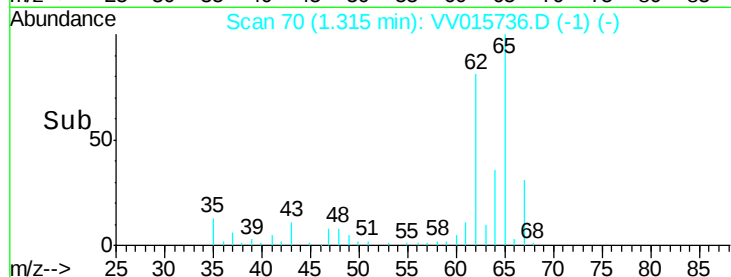
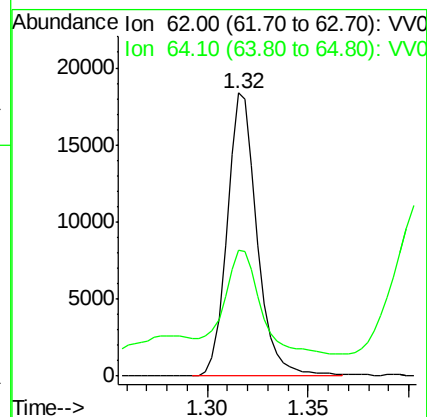
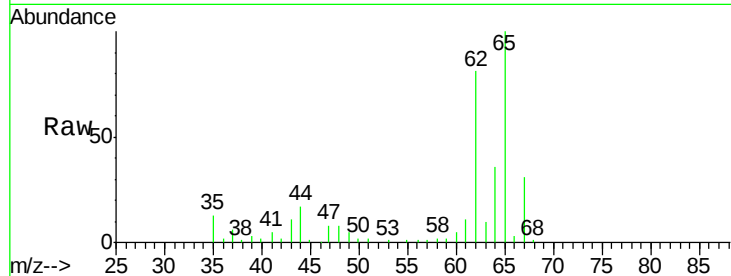
ETKM8DL

Tot Ion: 62 Resp: 19023

Ion Ratio Lower Upper

62 100

64 44.3 22.7 42.1#



#16

Methylene chloride

Concen: 0.451 ug/L

RT: 2.52 min Scan# 446

Delta R.T. 0.01 min

Lab File: VV015736.D

Acq: 27 Apr 2020 17:57

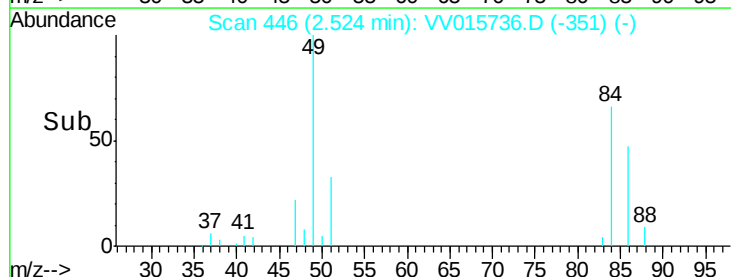
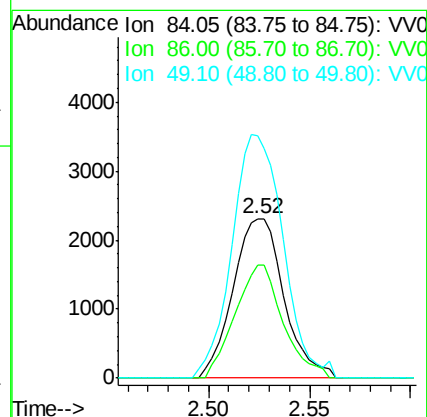
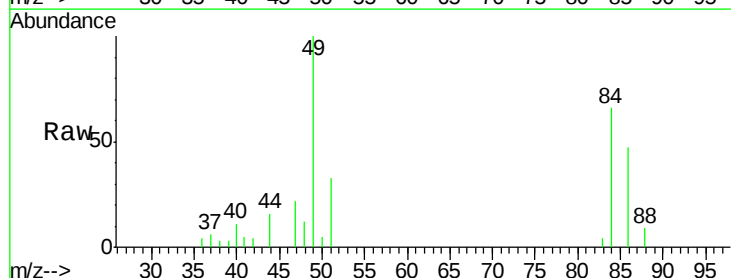
Tgt Ion: 84 Resp: 4087

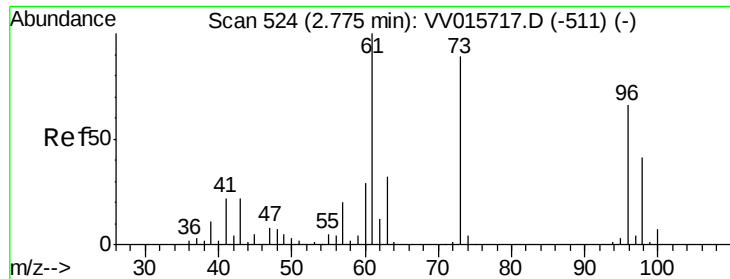
Ion Ratio Lower Upper

84 100

86 71.3 45.1 83.7

49 152.1 94.4 175.4

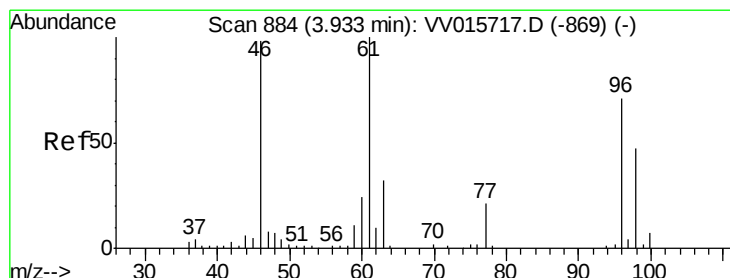
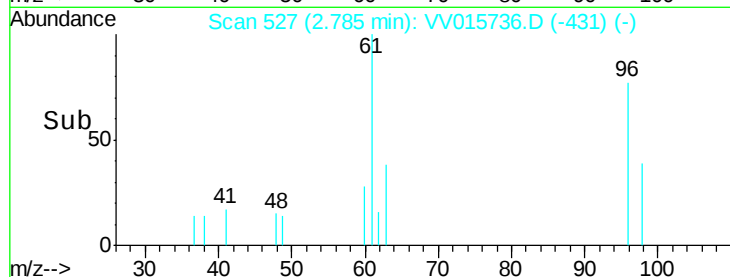
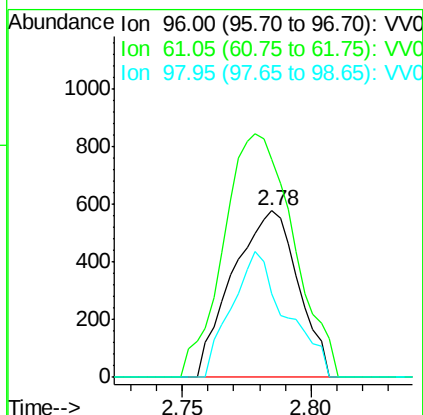
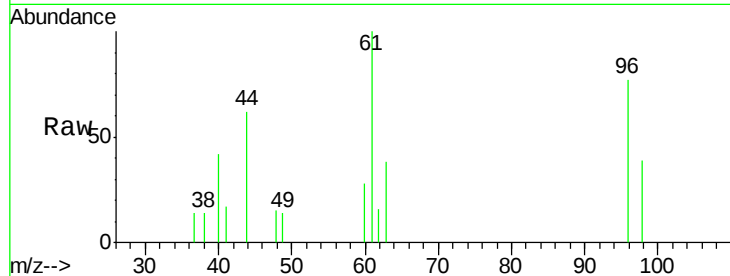




#18
trans-1,2-Dichloroethene
Concen: 0.124 ug/L
RT: 2.78 min Scan# 527
Delta R.T. 0.01 min
Lab File: VV015736.D
Acq: 27 Apr 2020 17:57

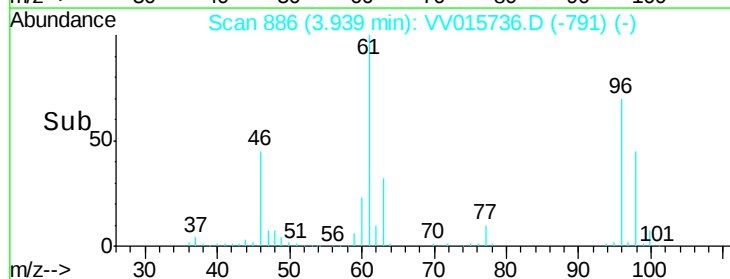
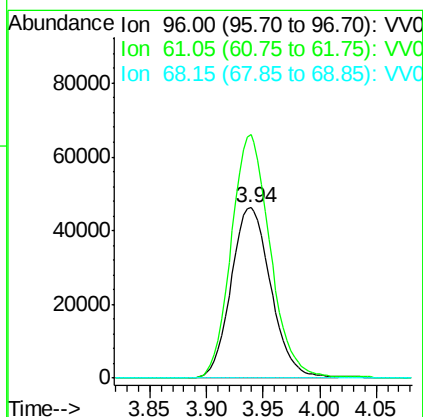
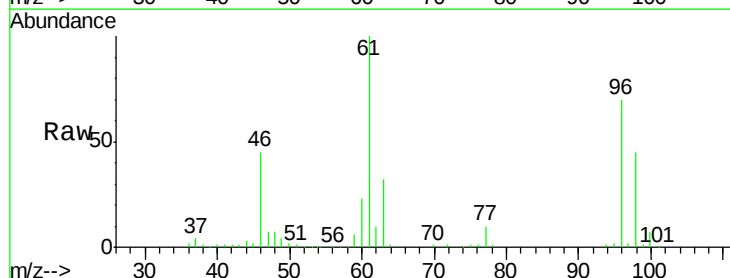
Instrument :
MSVOA_V
ClientSampled :
ETKM8DL

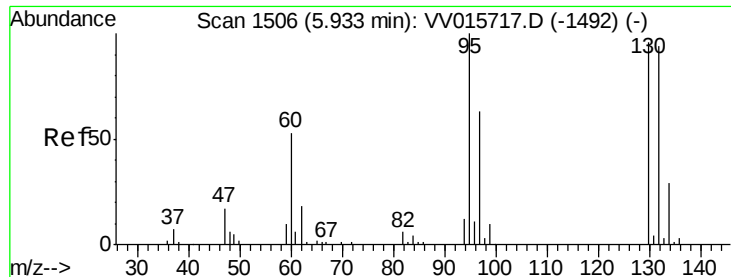
Tot Ion: 96 Resp: 1022
Ion Ratio Lower Upper
96 100
61 130.6 105.5 195.9
98 50.5 44.2 82.0



#22
cis-1,2-Dichloroethene
Concen: 12.480 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.01 min
Lab File: VV015736.D
Acq: 27 Apr 2020 17:57

Tgt Ion: 96 Resp: 113391
Ion Ratio Lower Upper
96 100
61 142.9 96.4 179.0
68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 0.735 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV015736.D

Acq: 27 Apr 2020 17:57

Instrument :

MSVOA_V

ClientSampled :

ETKM8DL

Tot Ion: 95 Resp: 7077

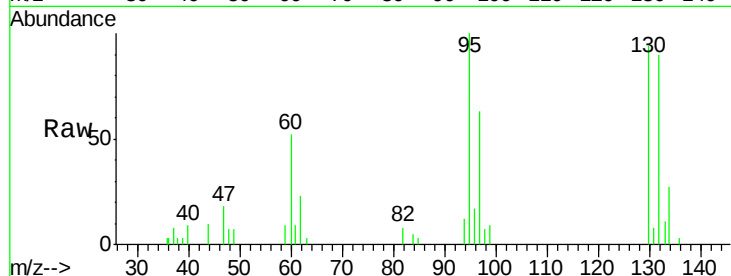
Ion Ratio Lower Upper

95 100

97 62.5 44.7 82.9

132 89.7 65.2 121.0

130 93.6 65.0 120.6

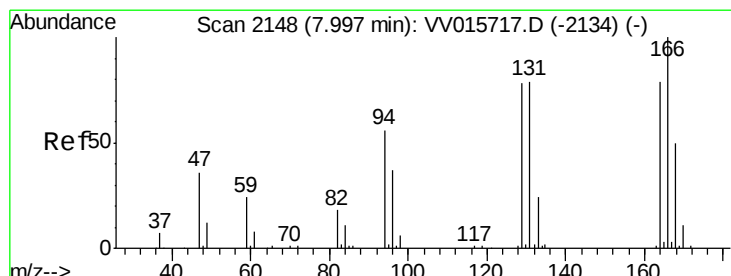
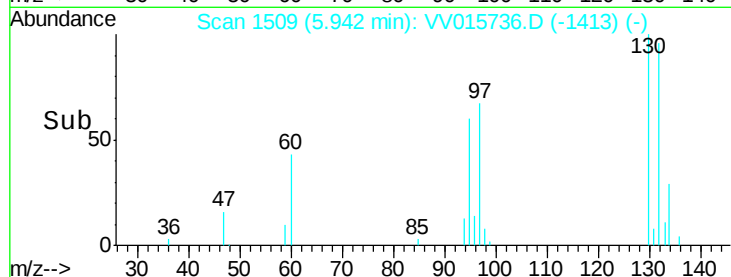
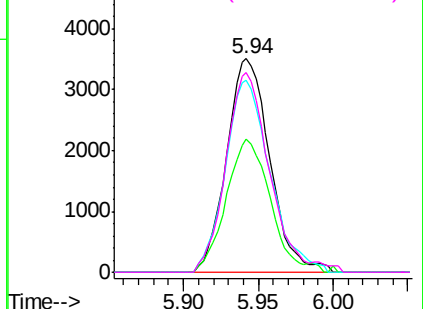


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#47

Tetrachloroethene

Concen: 1.873 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.00 min

Lab File: VV015736.D

Acq: 27 Apr 2020 17:57

Tgt Ion: 164 Resp: 12989

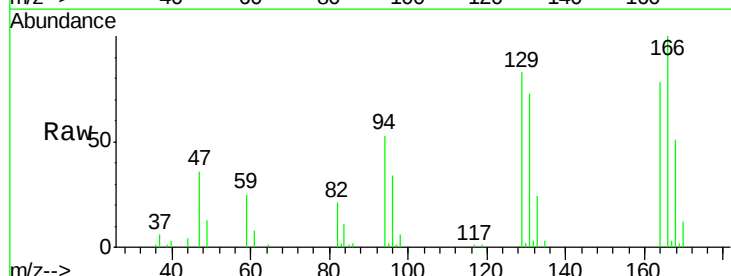
Ion Ratio Lower Upper

164 100

129 106.4 66.7 123.9

131 93.0 66.6 123.6

166 127.5 85.3 158.5



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

