

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042520\
 Data File : VV015711.D
 Acq On : 25 Apr 2020 22:07
 Operator : SY/MD
 Sample : L2413-18
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETKM7

Quant Time: Apr 27 05:37:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Apr 27 01:12:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	126034	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	122109	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	57409	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	65743	9.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	199.60%#
7) Chloroethane-d5	1.58	69	28618	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.20%
11) 1,1-Dichloroethene-d2	2.12	63	60982	4.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.60%
20) 2-Butanone-d5	3.93	46	115040	54.40	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.80%
24) Chloroform-d	4.38	84	69589	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
26) 1,2-Dichloroethane-d4	5.06	65	40672	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
32) Benzene-d6	5.08	84	132063	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
36) 1,2-Dichloropropane-d6	6.09	67	42871	4.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.00%
41) Toluene-d8	7.34	98	118851	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.80%
43) trans-1,3-Dichloropropene-	7.65	79	10911	3.03	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	60.60%
46) 2-Hexanone-d5	8.11	63	75375	42.92	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.84%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	32095	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.60%
64) 1,2-Dichlorobenzene-d4	11.65	152	46871	4.80	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.00%

Target Compounds

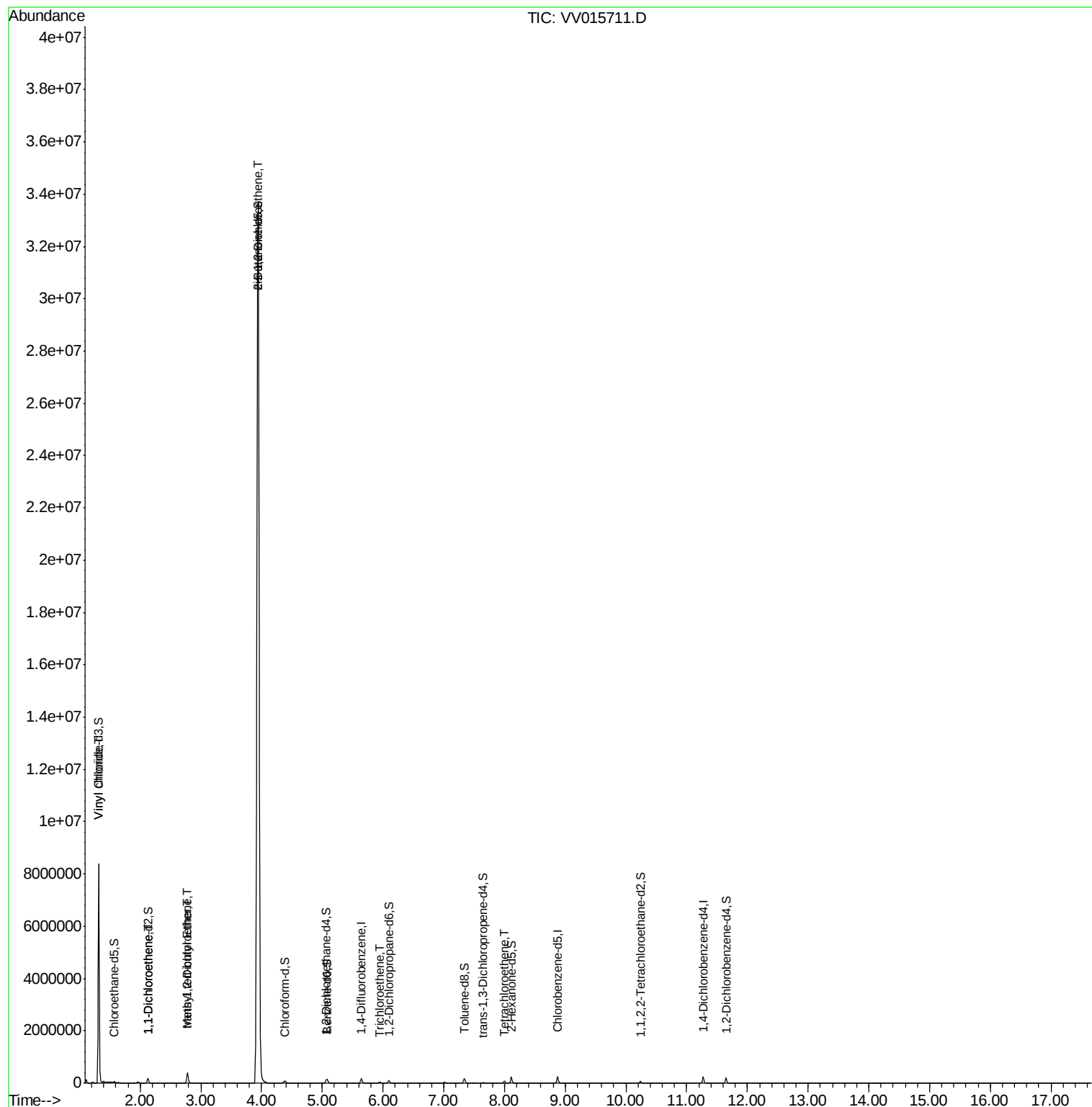
					Ovalue
5) Vinyl chloride	1.32	62	5186554	519.981	ug/L 97
12) 1,1-Dichloroethene	2.13	96	30790	4.197	ug/L 96
17) Methyl tert-butyl Ether	2.79	73	4906	0.238	ug/L 94
18) trans-1,2-Dichloroethene	2.78	96	134921	16.427	ug/L 99
22) cis-1,2-Dichloroethene	3.94	96	18642602	2052.867	ug/L # 82
34) Trichloroethene	5.94	95	15849	1.645	ug/L 95
47) Tetrachloroethene	8.00	164	17309	2.495	ug/L 94

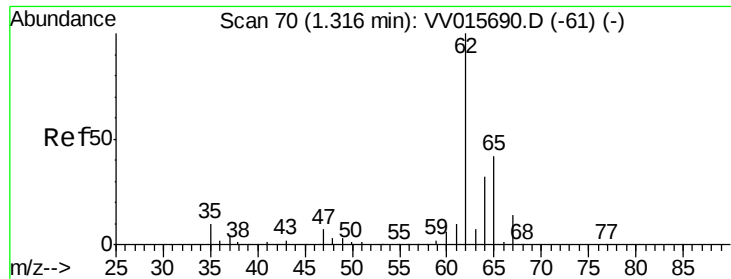
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Apr 27 01:12:28 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 519.981 ug/L

RT: 1.32 min Scan# 70

Delta R.T. -0.00 min

Lab File: VV015711.D

Acq: 25 Apr 2020 22:07

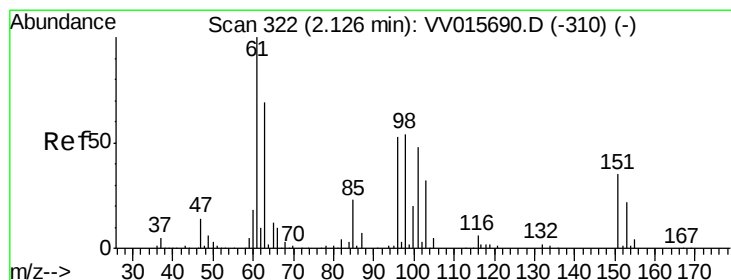
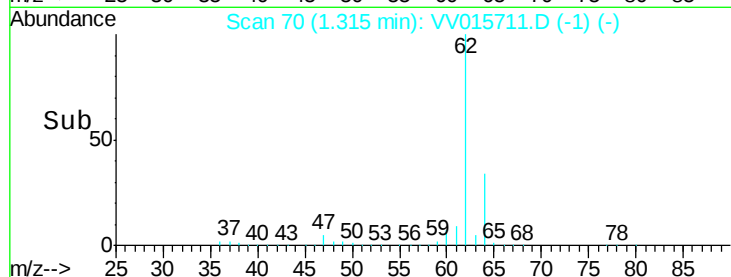
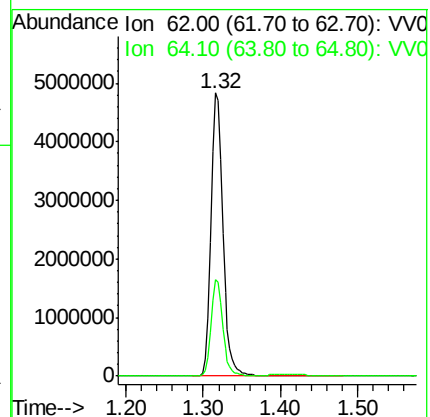
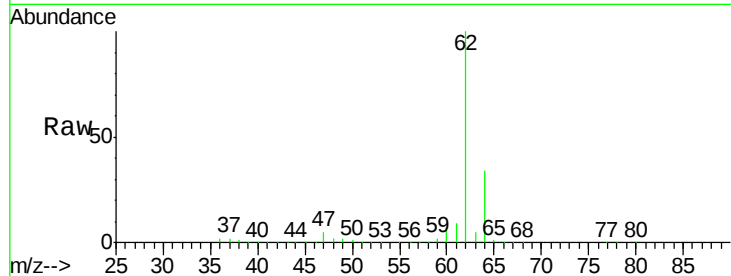
Instrument :
MSVOA_V
ClientSampled :
ETKM7

Tot Ion: 62 Resp: 5186554

Ion Ratio Lower Upper

62 100

64 34.3 22.7 42.1



#12

1,1-Dichloroethene

Concen: 4.197 ug/L

RT: 2.13 min Scan# 324

Delta R.T. 0.01 min

Lab File: VV015711.D

Acq: 25 Apr 2020 22:07

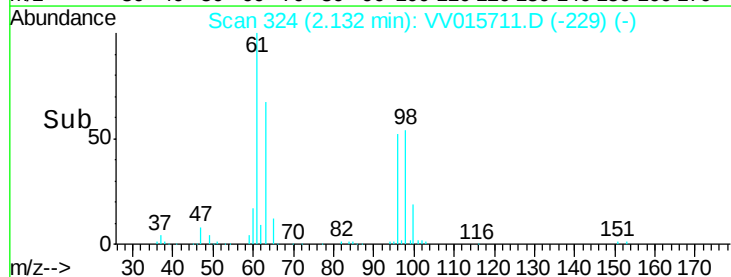
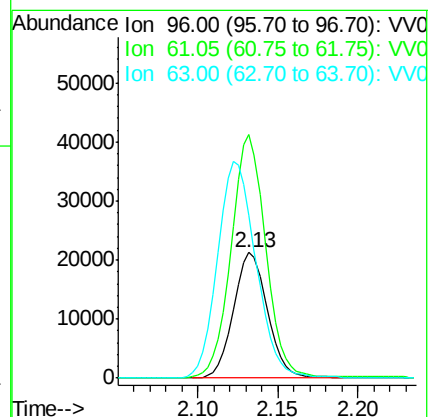
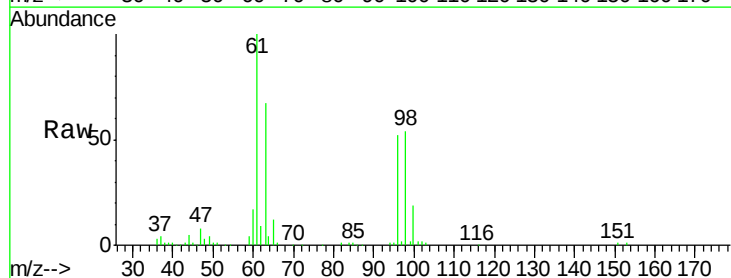
Tgt Ion: 96 Resp: 30790

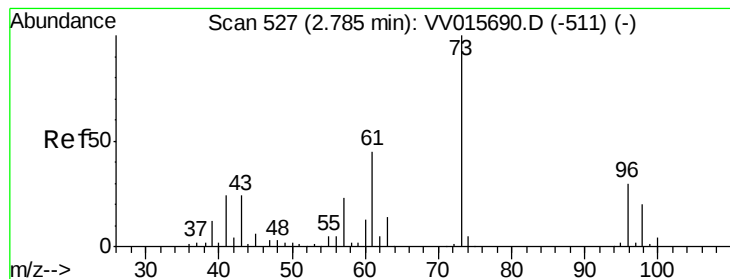
Ion Ratio Lower Upper

96 100

61 194.2 130.1 241.7

63 129.8 91.4 169.8



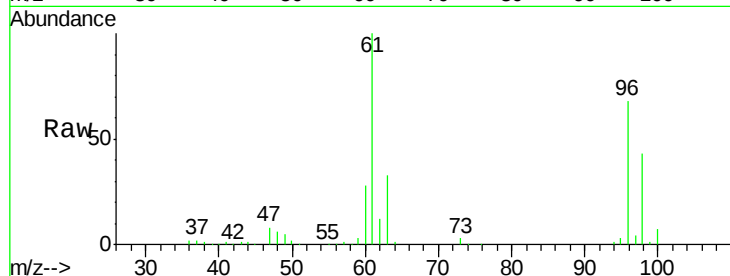


#17

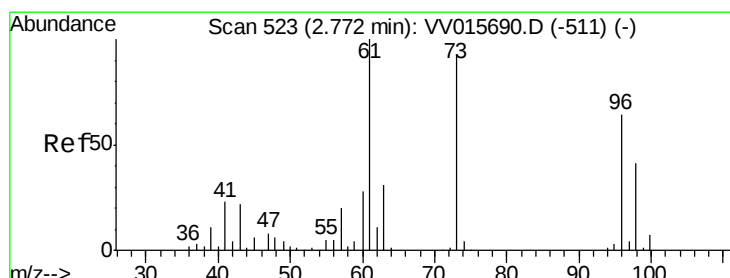
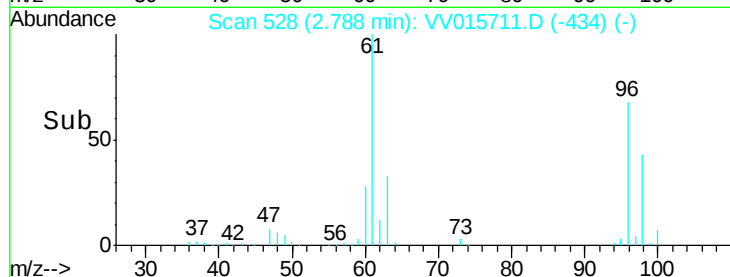
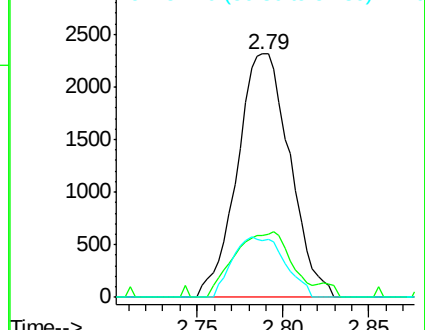
Methvl tert-butvl Ether
 Concen: 0.238 ug/L
 RT: 2.79 min Scan# 528
 Delta R.T. 0.00 min
 Lab File: VV015711.D
 Acq: 25 Apr 2020 22:07

Instrument :
 MSVOA_V
 ClientSampleId :
 ETKM7

Tot Ion: 73 Resp: 4906
 Ion Ratio Lower Upper
 73 100
 43 28.9 20.1 30.1
 57 24.7 17.8 26.8



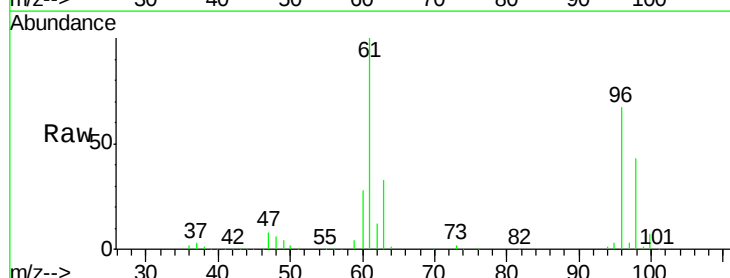
Abundance Ion 73.10 (72.80 to 73.80): VV0
 Ion 43.05 (42.75 to 43.75): VV0
 Ion 57.10 (56.80 to 57.80): VV0



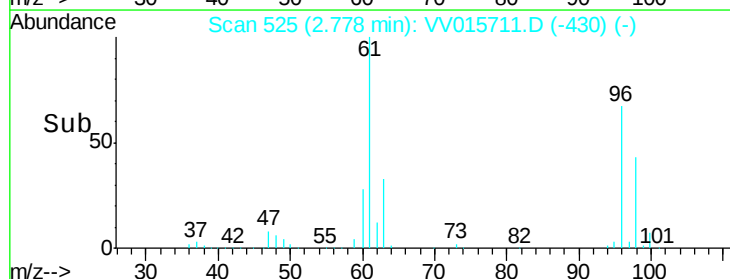
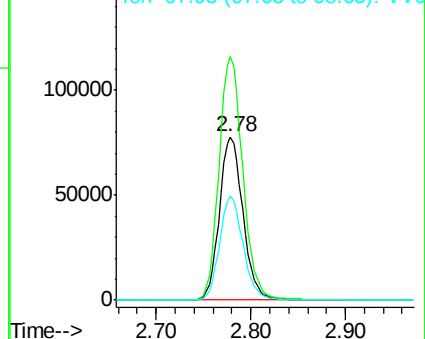
#18

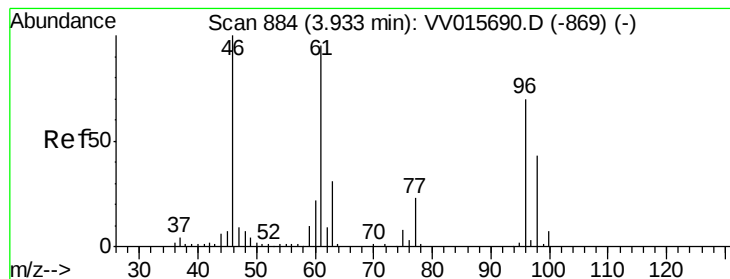
trans-1,2-Dichloroethene
 Concen: 16.427 ug/L
 RT: 2.78 min Scan# 525
 Delta R.T. 0.01 min
 Lab File: VV015711.D
 Acq: 25 Apr 2020 22:07

Tgt Ion: 96 Resp: 134921
 Ion Ratio Lower Upper
 96 100
 61 149.0 105.5 195.9
 98 63.5 44.2 82.0



Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0
 Ion 97.95 (97.65 to 98.65): VV0



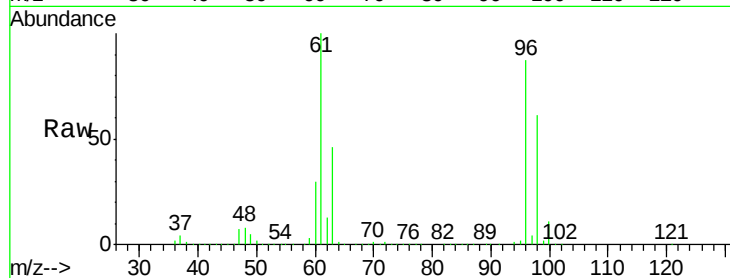


#22

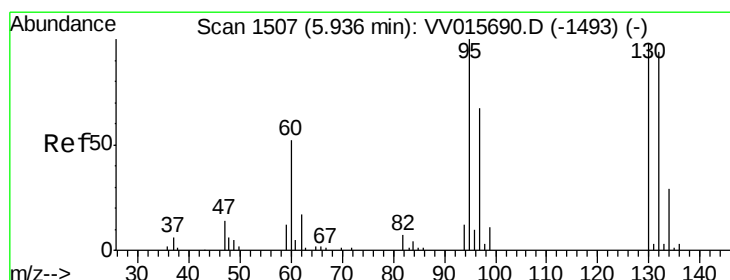
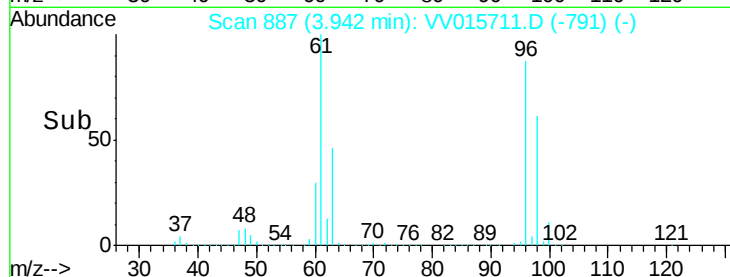
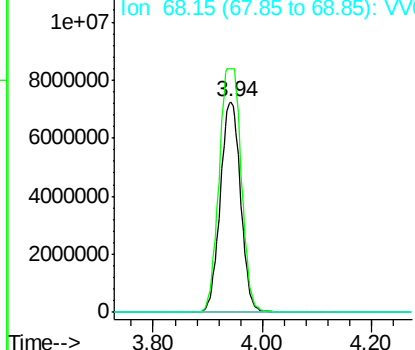
cis-1,2-Dichloroethene
Concen: 2052.867 ug/L
RT: 3.94 min Scan# 887
Delta R.T. 0.01 min
Lab File: VV015711.D
Acq: 25 Apr 2020 22:07

Instrument :
MSVOA_V
ClientSampled :
ETKM7

Tot Ion: 96 Resp:18642602
Ion Ratio Lower Upper
96 100
61 115.4 96.4 179.0
68 0.0 0.0 0.0#



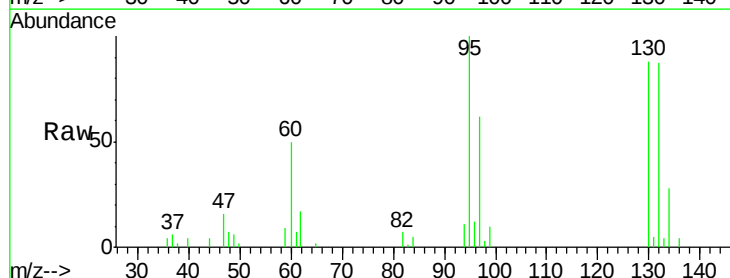
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



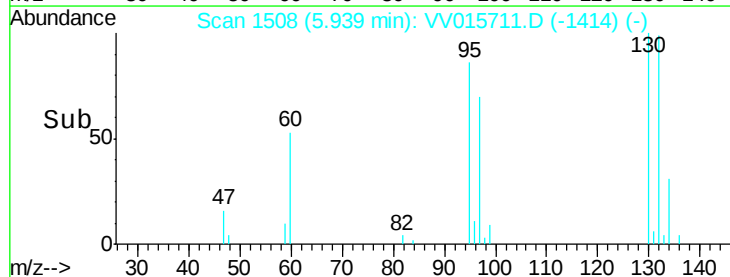
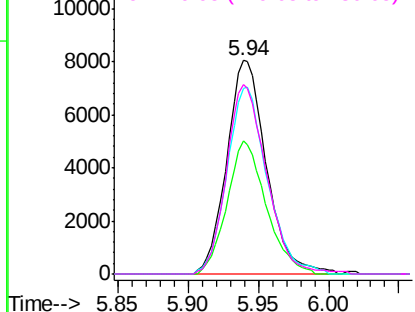
#34

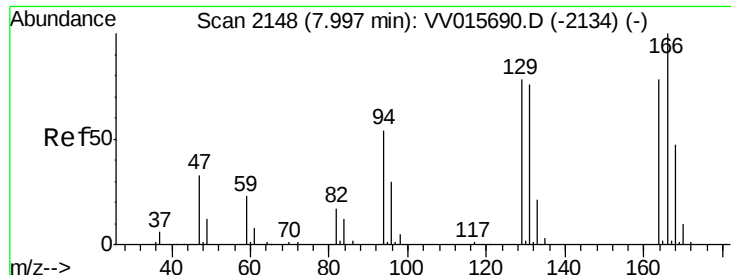
Trichloroethene
Concen: 1.645 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. 0.00 min
Lab File: VV015711.D
Acq: 25 Apr 2020 22:07

Tgt Ion: 95 Resp: 15849
Ion Ratio Lower Upper
95 100
97 62.1 44.7 82.9
132 87.1 65.2 121.0
130 88.4 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): VV0
Ion 129.95 (129.65 to 130.65): VV0





#47

Tetrachloroethene

Concen: 2.495 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.00 min

Lab File: VV015711.D

Acq: 25 Apr 2020 22:07

Instrument :
MSVOA_V
ClientSampleId :
ETKM7

Tot Ion:164 Resp: 17309

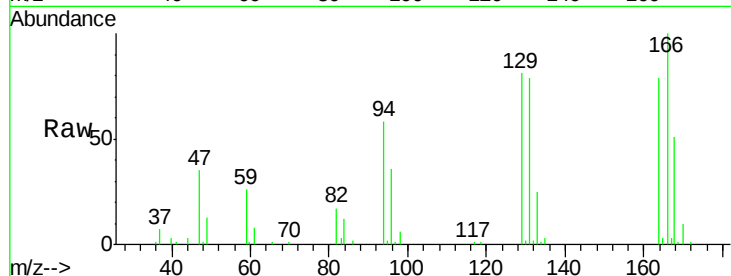
Ion Ratio Lower Upper

164 100

129 103.0 66.7 123.9

131 99.8 66.6 123.6

166 126.7 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

