

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042520\
 Data File : VV015710.D
 Acq On : 25 Apr 2020 21:44
 Operator : SY/MD
 Sample : L2413-17
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETKM6

Quant Time: Apr 27 05:24:01 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	120874	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	118523	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	56838	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	29223	4.63	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.60%
7) Chloroethane-d5	1.58	69	27546	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.40%
11) 1,1-Dichloroethene-d2	2.12	63	47554	3.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.80%
20) 2-Butanone-d5	3.91	46	105942	52.23	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.46%
24) Chloroform-d	4.38	84	71123	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	5.06	65	40982	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
32) Benzene-d6	5.08	84	130800	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
36) 1,2-Dichloropropane-d6	6.09	67	42487	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.00%
41) Toluene-d8	7.34	98	121014	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
43) trans-1,3-Dichloropropene-	7.65	79	9634	2.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	55.20%
46) 2-Hexanone-d5	8.11	63	80773	47.38	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.76%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	32111	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.40%
64) 1,2-Dichlorobenzene-d4	11.65	152	46324	4.79	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.80%

Target Compounds

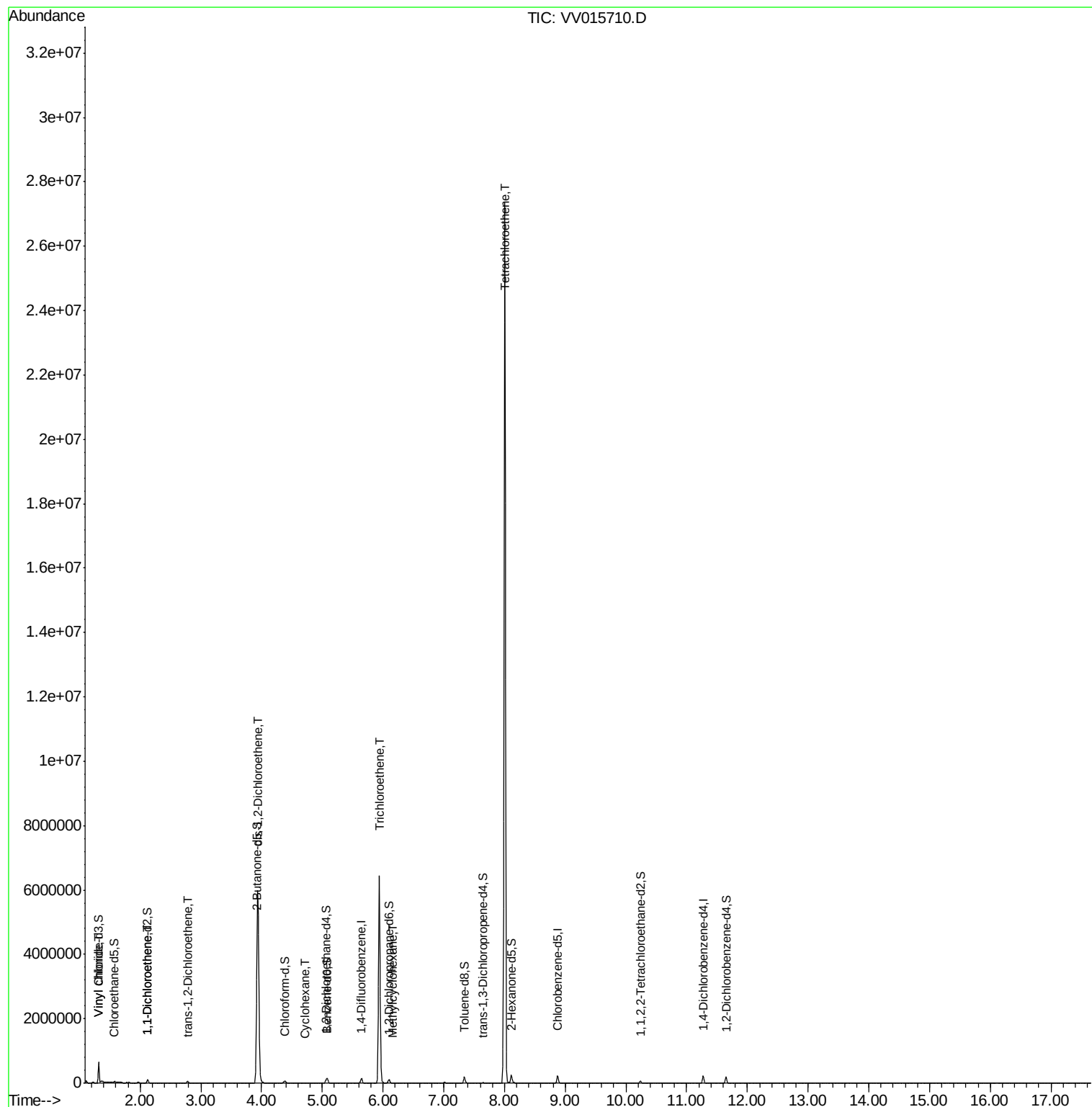
					Ovalue
5) Vinyl chloride	1.32	62	361804	37.821	ug/L 100
12) 1,1-Dichloroethene	2.13	96	7857	1.117	ug/L # 11
18) trans-1,2-Dichloroethene	2.78	96	15269	1.938	ug/L 99
22) cis-1,2-Dichloroethene	3.94	96	3131876	359.595	ug/L 99
30) Cyclohexane	4.70	56	2595	0.181	ug/L 94
34) Trichloroethene	5.94	95	2185121	233.661	ug/L 98
35) Methylcyclohexane	6.16	83	2150	0.150	ug/L # 69
47) Tetrachloroethene	8.01	164	5654013	839.692	ug/L 96

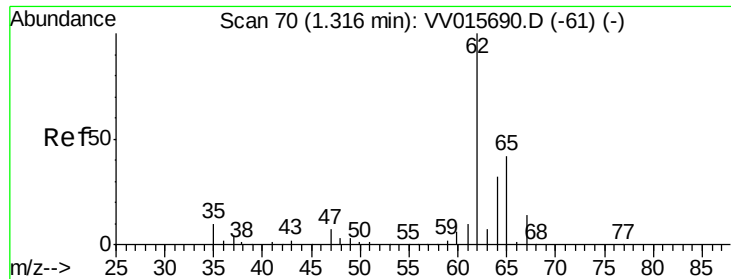
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#5

Vinyl chloride

Concen: 37.821 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV015710.D

Acq: 25 Apr 2020 21:44

Instrument :

MSVOA_V

ClientSampleId :

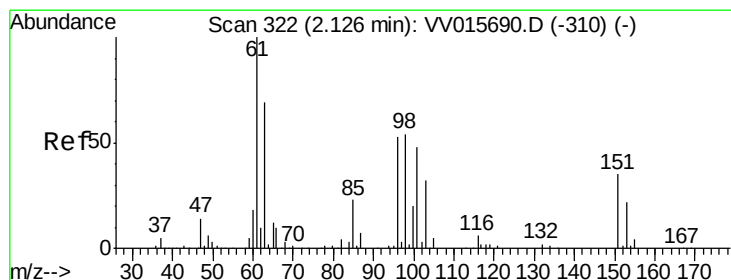
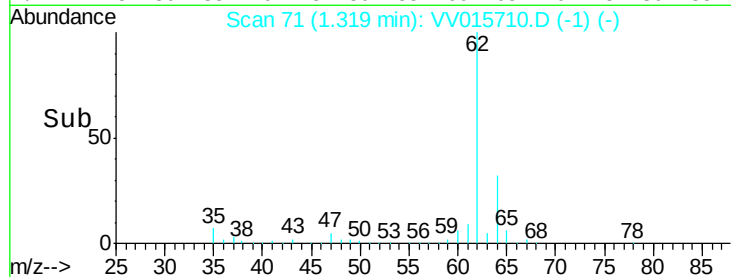
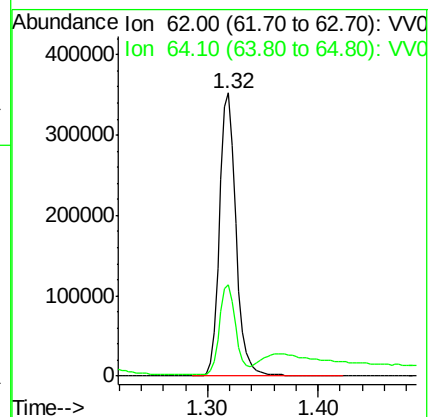
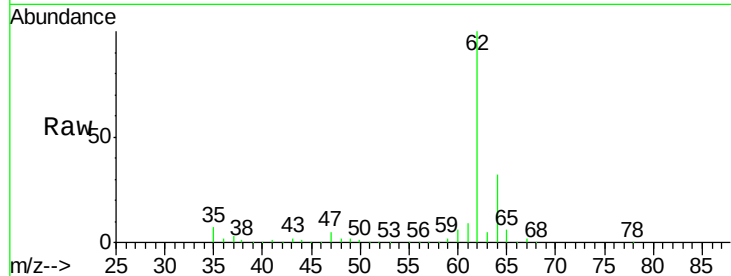
ETKM6

Tot Ion: 62 Resp: 361804

Ion Ratio Lower Upper

62 100

64 32.5 22.7 42.1



#12

1,1-Dichloroethene

Concen: 1.117 ug/L

RT: 2.13 min Scan# 324

Delta R.T. 0.01 min

Lab File: VV015710.D

Acq: 25 Apr 2020 21:44

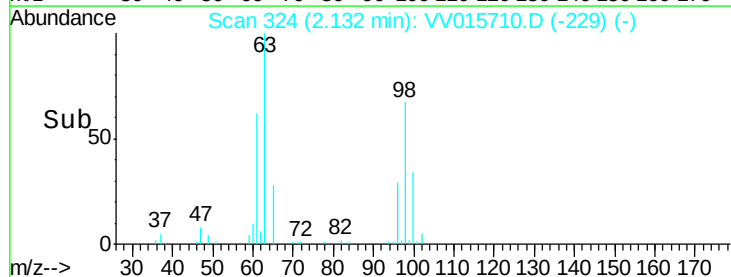
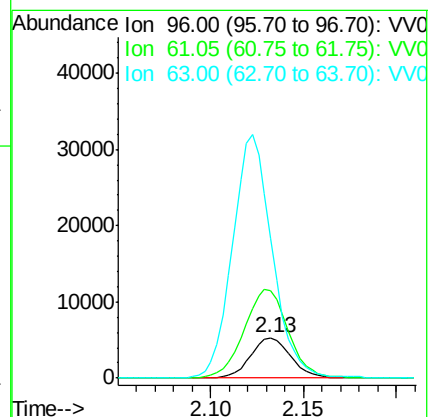
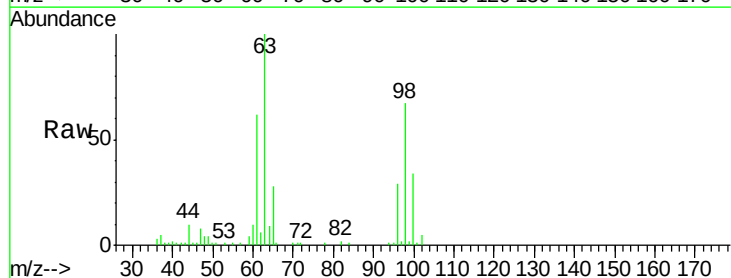
Tgt Ion: 96 Resp: 7857

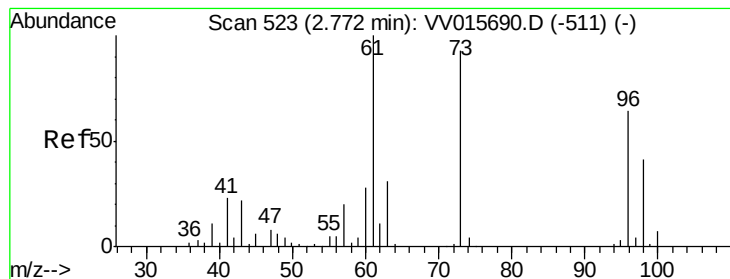
Ion Ratio Lower Upper

96 100

61 216.9 130.1 241.7

63 348.0 91.4 169.8#





#18

trans-1,2-Dichloroethene

Concen: 1.938 ug/L

RT: 2.78 min Scan# 526

Delta R.T. 0.01 min

Lab File: VV015710.D

Acq: 25 Apr 2020 21:44

Instrument :

MSVOA_V

ClientSampleId :

ETKM6

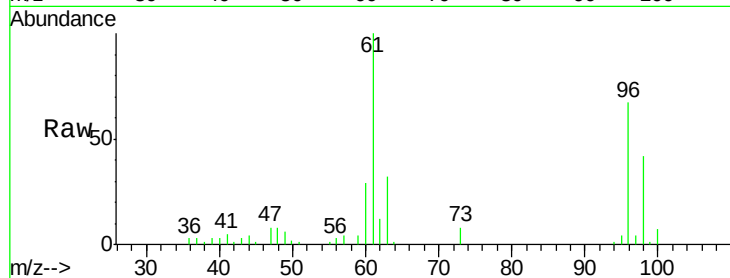
Tot Ion: 96 Resp: 15269

Ion Ratio Lower Upper

96 100

61 149.9 105.5 195.9

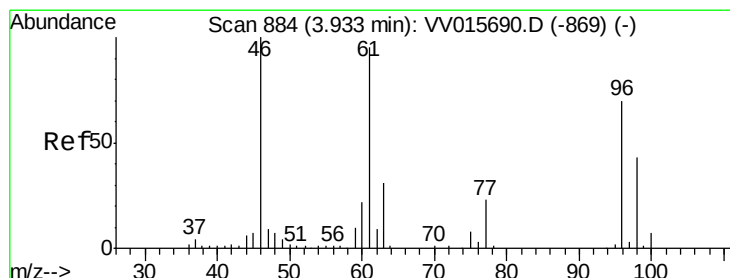
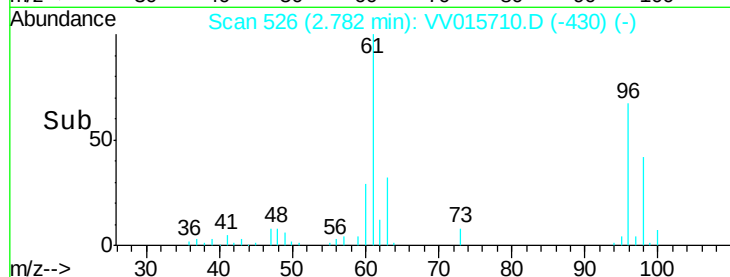
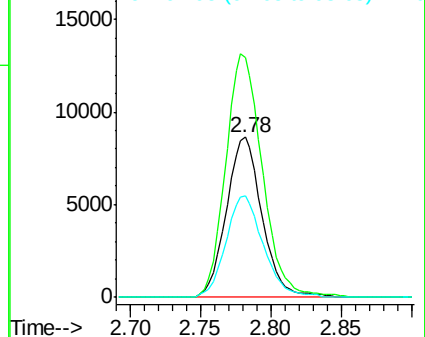
98 63.4 44.2 82.0



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: 359.595 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.01 min

Lab File: VV015710.D

Acq: 25 Apr 2020 21:44

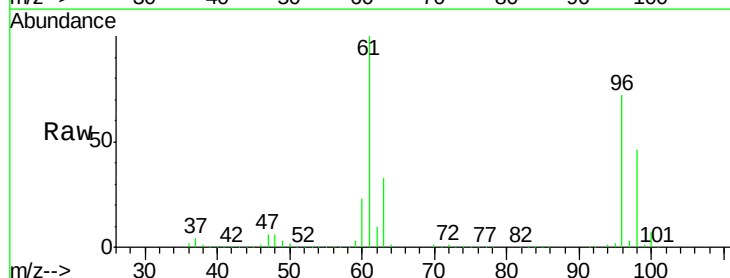
Tgt Ion: 96 Resp: 3131876

Ion Ratio Lower Upper

96 100

61 139.4 96.4 179.0

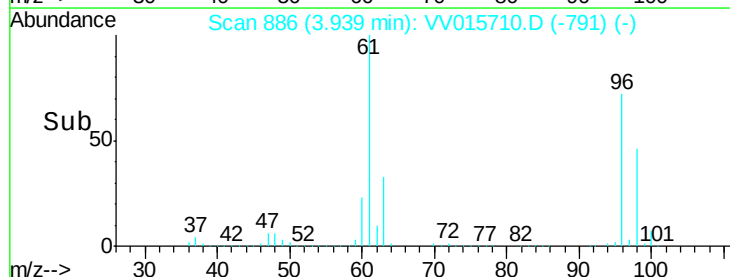
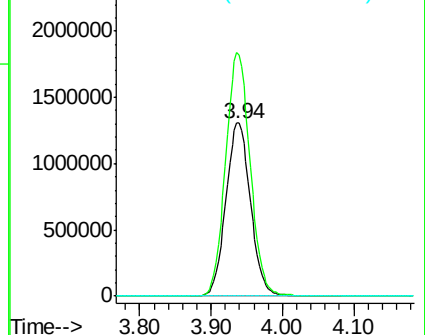
68 0.0 0.0 0.0

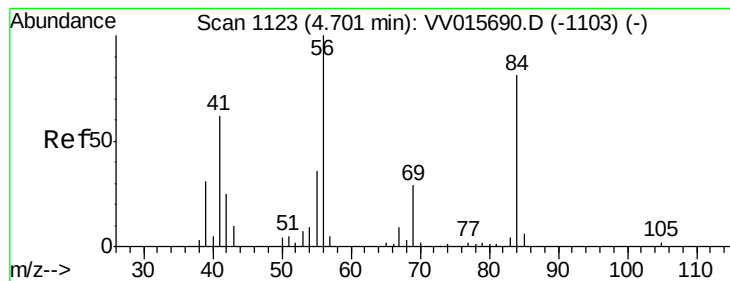


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0





#30

Cyclohexane

Concen: 0.181 ug/L

RT: 4.70 min Scan# 1124

Delta R.T. 0.00 min

Lab File: VV015710.D

Acq: 25 Apr 2020 21:44

Instrument :

MSVOA_V

ClientSampleId :

ETKM6

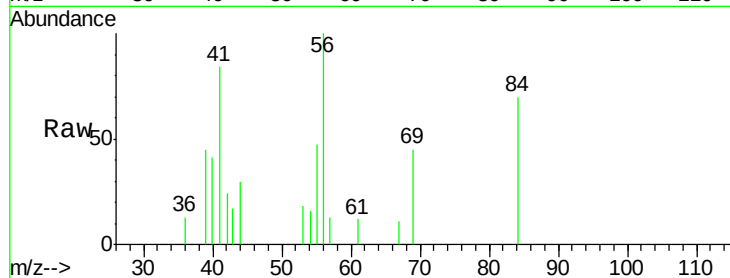
Tot Ion: 56 Resp: 2595

Ion Ratio Lower Upper

56 100

69 30.7 23.9 35.9

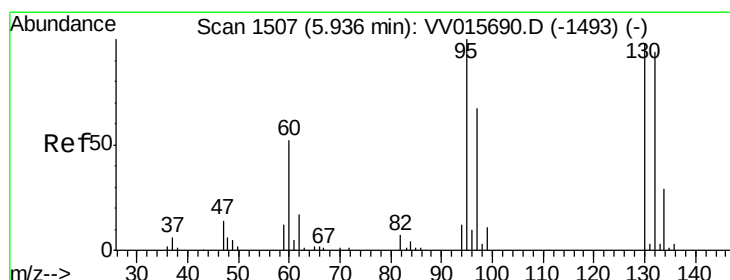
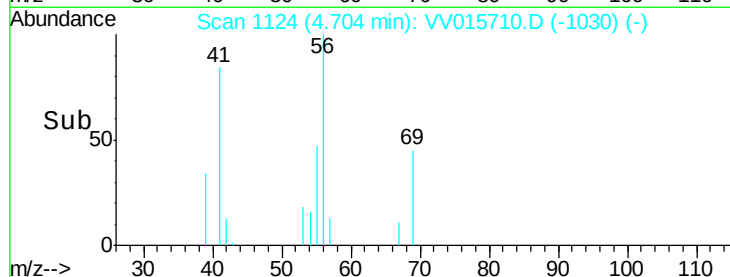
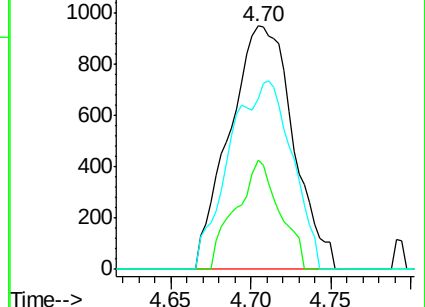
84 76.1 66.9 100.3



Abundance Ion 56.10 (55.80 to 56.80): VV015710.D (-1103) (-)

Ion 69.15 (68.85 to 69.85): VV015710.D (-1103) (-)

Ion 84.15 (83.85 to 84.85): VV015710.D (-1103) (-)



#34

Trichloroethene

Concen: 233.661 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV015710.D

Acq: 25 Apr 2020 21:44

Tgt Ion: 95 Resp: 2185121

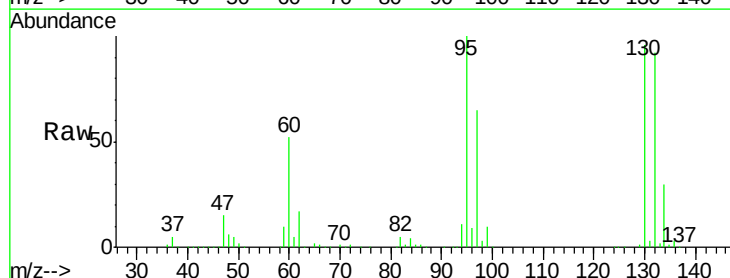
Ion Ratio Lower Upper

95 100

97 65.0 44.7 82.9

132 91.8 65.2 121.0

130 95.7 65.0 120.6

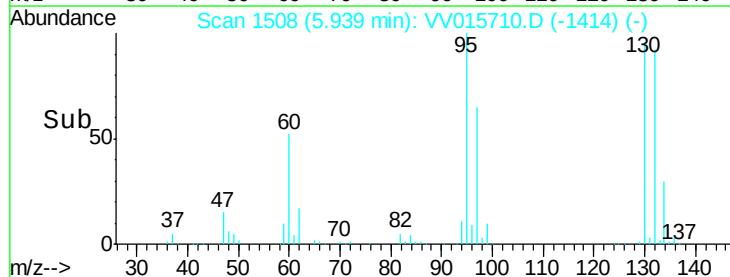
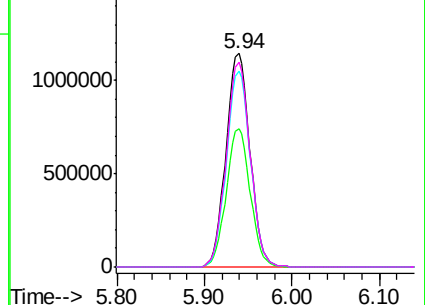


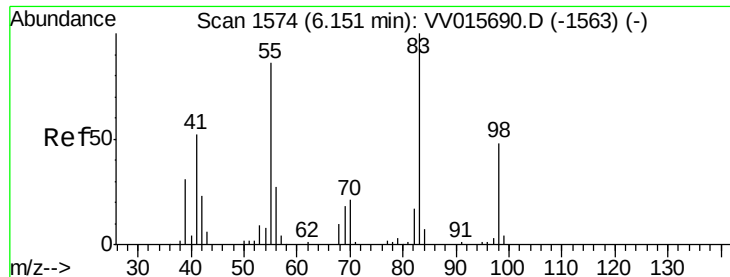
Abundance Ion 95.00 (94.70 to 95.70): VV015710.D (-1414) (-)

Ion 96.95 (96.65 to 97.65): VV015710.D (-1414) (-)

Ion 131.95 (131.65 to 132.65): VV015710.D (-1414) (-)

Ion 129.95 (129.65 to 130.65): VV015710.D (-1414) (-)

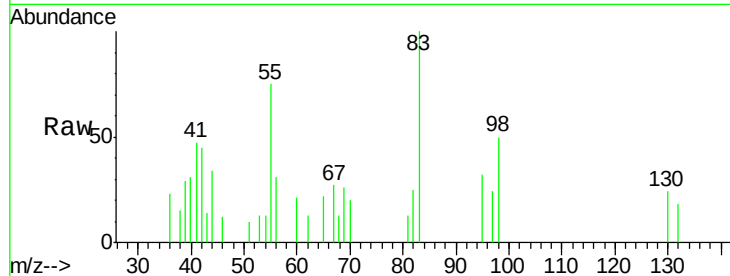




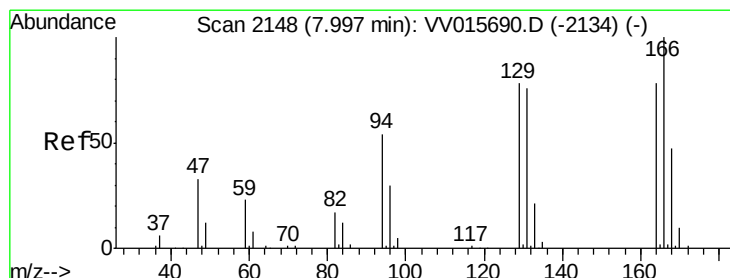
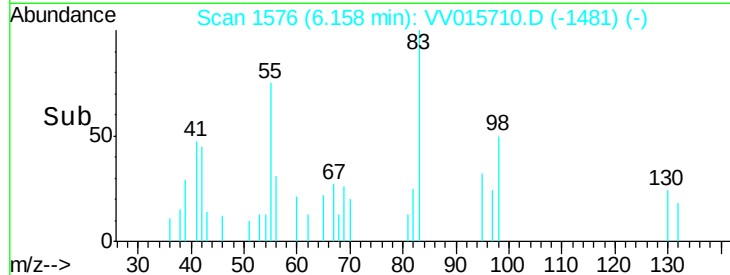
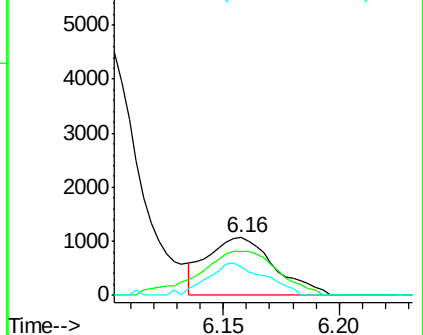
#35
Methylcyclohexane
Concen: 0.150 ug/L
RT: 6.16 min Scan# 1576
Delta R.T. 0.01 min
Lab File: VV015710.D
Acq: 25 Apr 2020 21:44

Instrument :
MSVOA_V
ClientSampleId :
ETKM6

Tot Ion: 83 Resp: 2150
Ion Ratio Lower Upper
83 100
55 89.7 66.6 99.8
98 0.0 39.5 59.3#

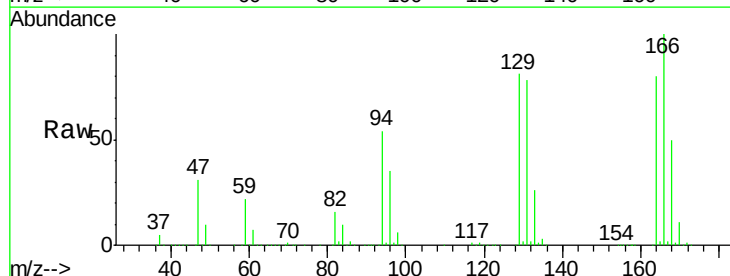


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0



#47
Tetrachloroethene
Concen: 839.692 ug/L
RT: 8.01 min Scan# 2151
Delta R.T. 0.01 min
Lab File: VV015710.D
Acq: 25 Apr 2020 21:44

Tgt Ion:164 Resp: 5654013
Ion Ratio Lower Upper
164 100
129 101.4 66.7 123.9
131 97.9 66.6 123.6
166 125.5 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

