

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042720\
 Data File : VV015723.D
 Acq On : 27 Apr 2020 12:51
 Operator : SY/MD
 Sample : L2413-11
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETKL9

Quant Time: Apr 28 03:21:09 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	115271	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	113871	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	52768	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	26827	4.45	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.00%
7) Chloroethane-d5	1.58	69	27173	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.60%
11) 1,1-Dichloroethene-d2	2.12	63	42955	3.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.20%
20) 2-Butanone-d5	3.91	46	105999	54.80	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.60%
24) Chloroform-d	4.38	84	71247	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
26) 1,2-Dichloroethane-d4	5.06	65	42042	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.00%
32) Benzene-d6	5.08	84	132364	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
36) 1,2-Dichloropropane-d6	6.09	67	44274	5.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.00%
41) Toluene-d8	7.34	98	118356	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
43) trans-1,3-Dichloropropene-	7.65	79	14283	4.25	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.00%
46) 2-Hexanone-d5	8.11	63	73917	45.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.26%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	32545	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.60%
64) 1,2-Dichlorobenzene-d4	11.65	152	47864	5.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.80%

Target Compounds

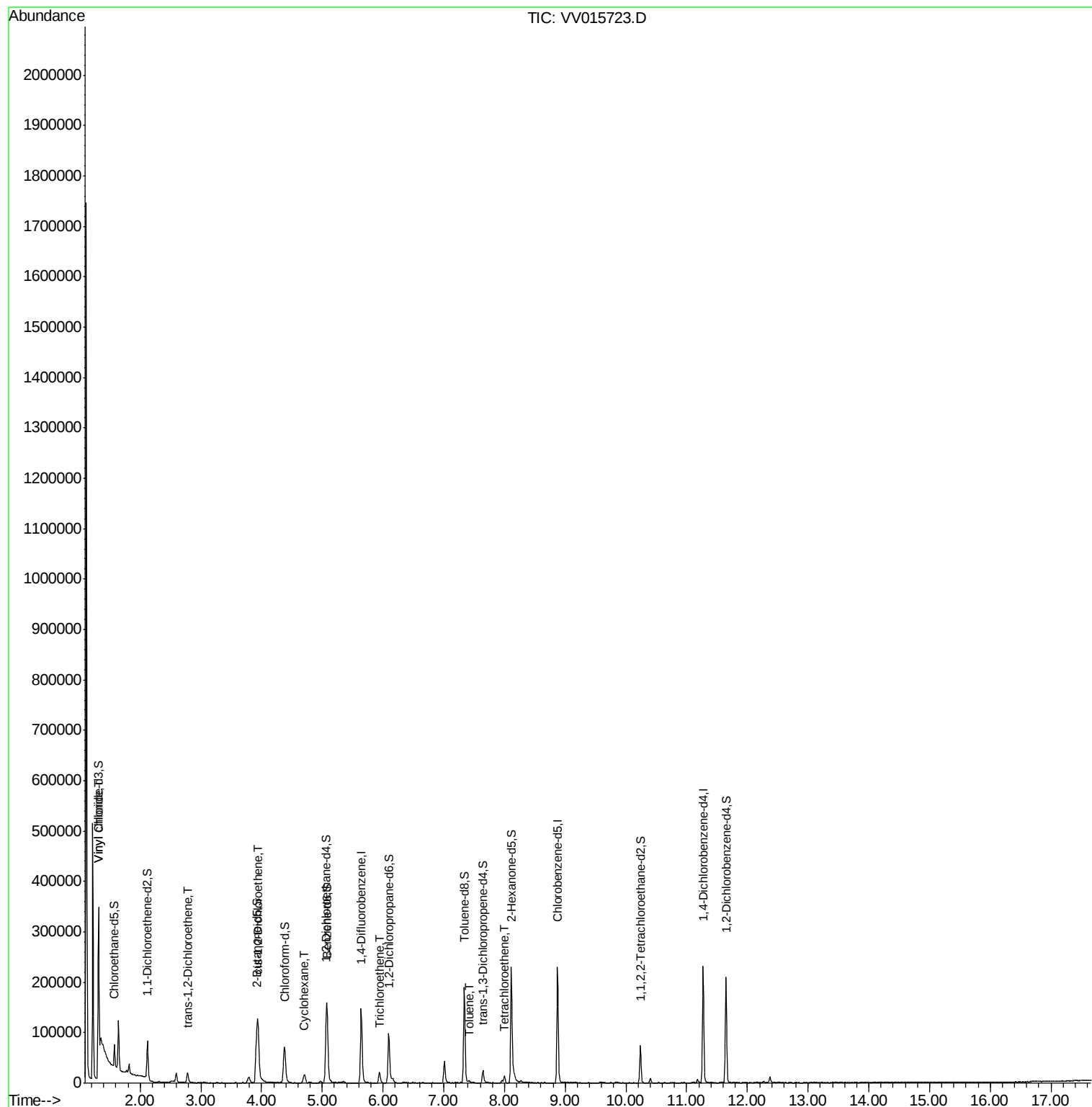
					Ovalue
5) Vinyl chloride	1.32	62	19742	2.164 ug/L	# 68
18) trans-1,2-Dichloroethene	2.78	96	4845	0.645 ug/L	82
22) cis-1,2-Dichloroethene	3.94	96	54021	6.504 ug/L	98
30) Cyclohexane	4.71	56	8405	0.609 ug/L	97
34) Trichloroethene	5.94	95	7055	0.785 ug/L	99
42) Toluene	7.42	91	2350	0.068 ug/L	80
47) Tetrachloroethene	8.00	164	2703	0.418 ug/L	91

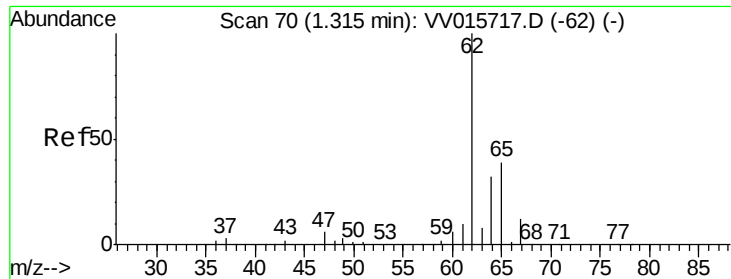
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Apr 28 02:16:08 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 2.164 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV015723.D

Acq: 27 Apr 2020 12:51

Instrument :

MSVOA_V

ClientSampled :

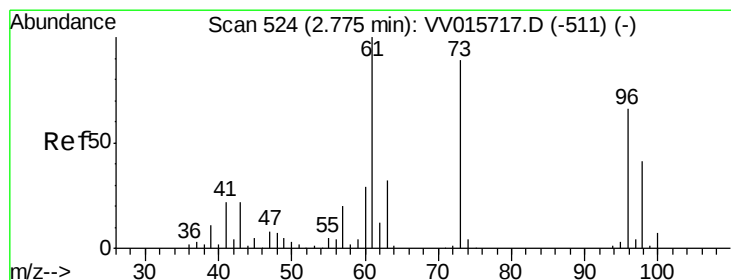
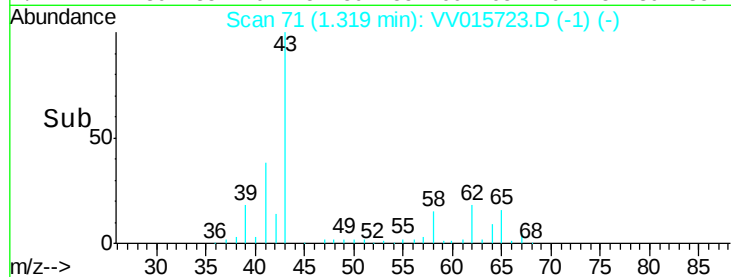
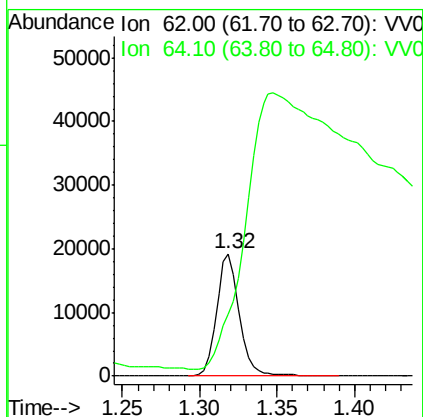
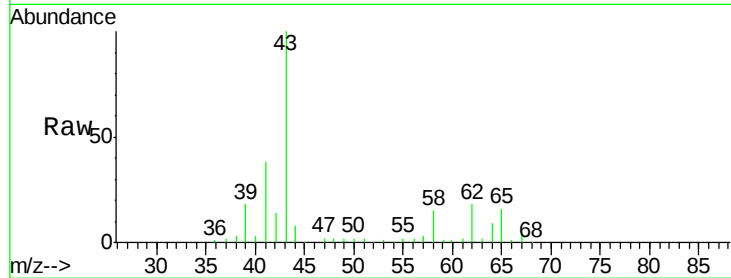
ETKL9

Tot Ion: 62 Resp: 19742

Ion Ratio Lower Upper

62 100

64 50.5 22.7 42.1#



#18

trans-1,2-Dichloroethene

Concen: 0.645 ug/L

RT: 2.78 min Scan# 526

Delta R.T. 0.01 min

Lab File: VV015723.D

Acq: 27 Apr 2020 12:51

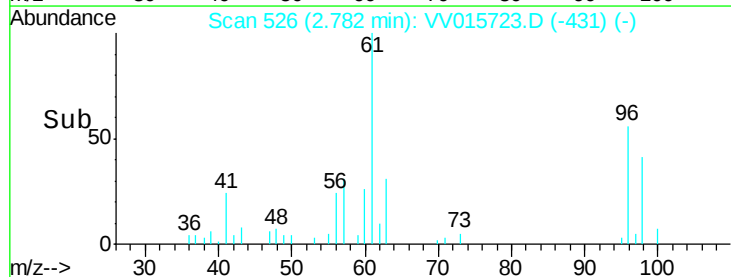
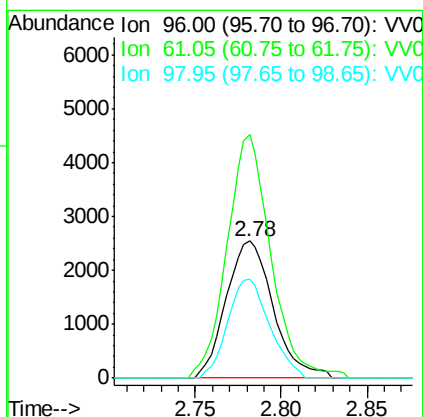
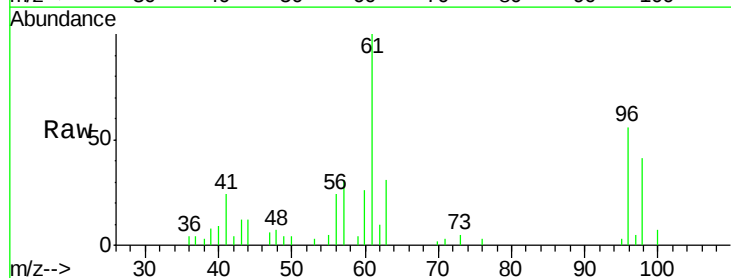
Tgt Ion: 96 Resp: 4845

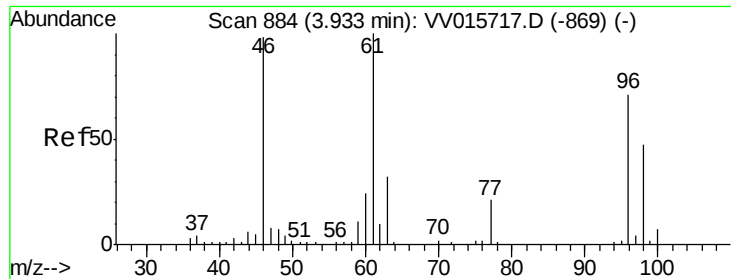
Ion Ratio Lower Upper

96 100

61 177.4 105.5 195.9

98 72.1 44.2 82.0



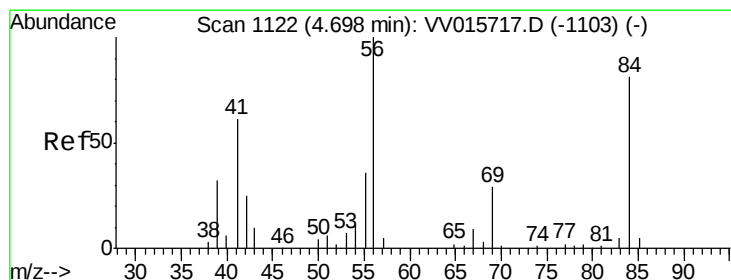
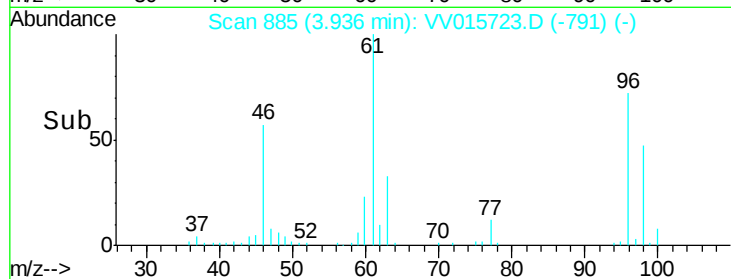
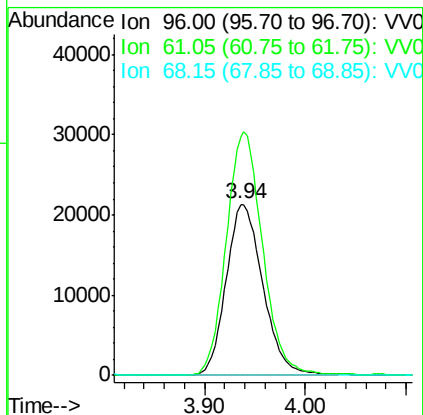
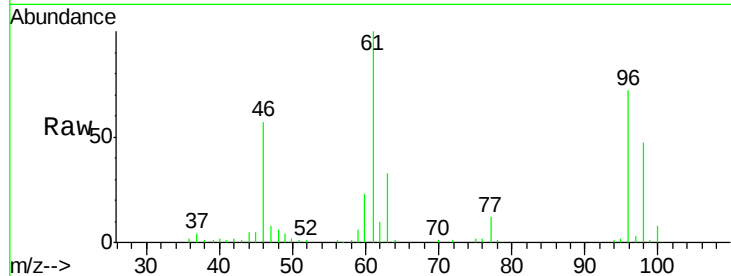


#22

cis-1,2-Dichloroethene
 Concen: 6.504 ug/L
 RT: 3.94 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: VV015723.D
 Acq: 27 Apr 2020 12:51

Instrument :
 MSVOA_V
 ClientSampled :
 ETKL9

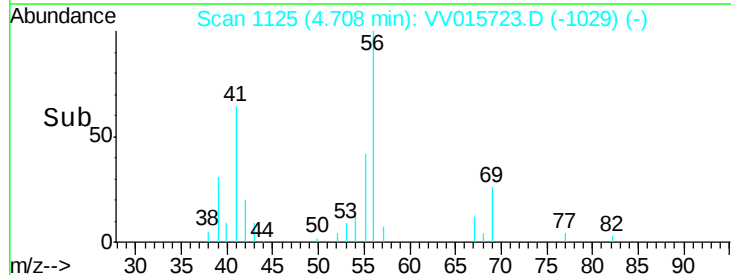
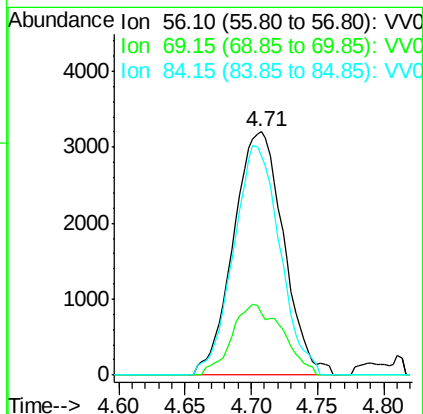
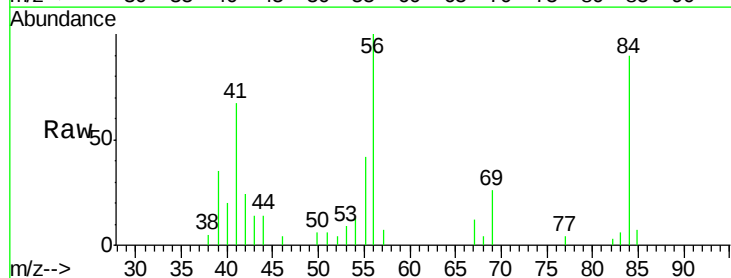
Tot Ion: 96 Resp: 54021
 Ion Ratio Lower Upper
 96 100
 61 139.8 96.4 179.0
 68 0.0 0.0 0.0

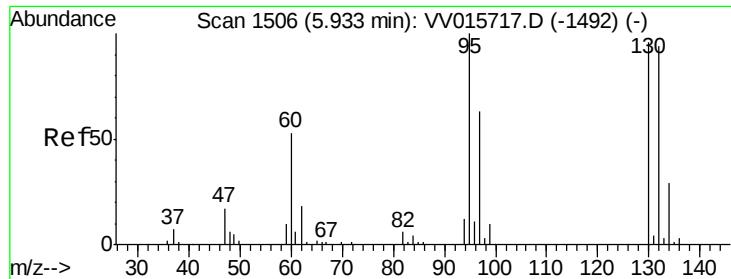


#30

Cyclohexane
 Concen: 0.609 ug/L
 RT: 4.71 min Scan# 1125
 Delta R.T. 0.01 min
 Lab File: VV015723.D
 Acq: 27 Apr 2020 12:51

Tgt Ion: 56 Resp: 8405
 Ion Ratio Lower Upper
 56 100
 69 29.4 23.9 35.9
 84 87.3 66.9 100.3

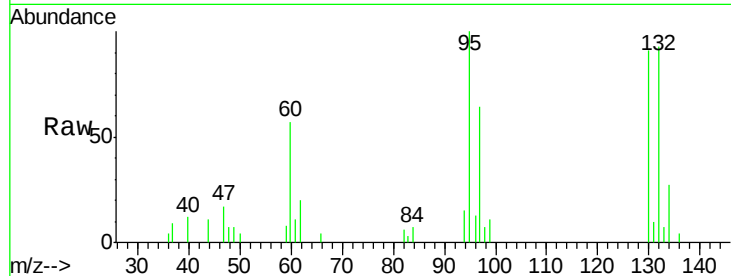




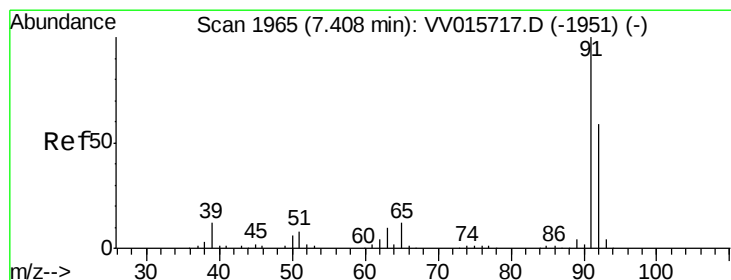
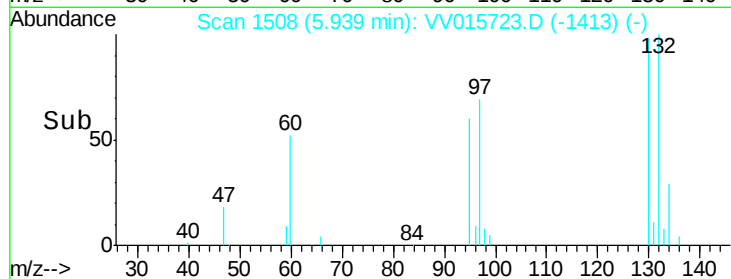
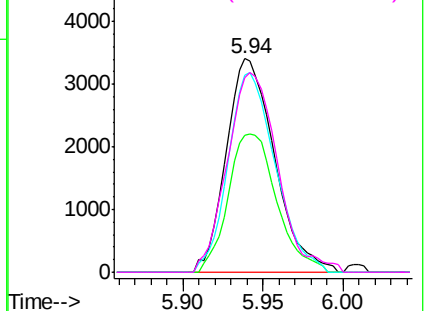
#34
 Trichloroethene
 Concen: 0.785 ug/L
 RT: 5.94 min Scan# 1508
 Delta R.T. 0.01 min
 Lab File: VV015723.D
 Acq: 27 Apr 2020 12:51

Instrument :
 MSVOA_V
 ClientSampleId :
 ETKL9

Tot Ion: 95 Resp: 7055
 Ion Ratio Lower Upper
 95 100
 97 64.3 44.7 82.9
 132 92.6 65.2 121.0
 130 91.1 65.0 120.6

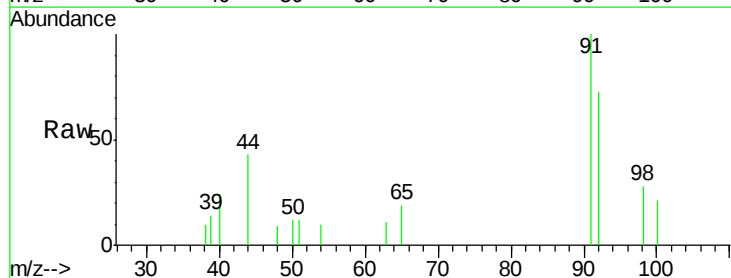


Abundance Ion 95.00 (94.70 to 95.70): VV015723.D (-1413) (-)
 Ion 96.95 (96.65 to 97.65): VV015723.D (-1413) (-)
 Ion 131.95 (131.65 to 132.65): VV015723.D (-1413) (-)
 Ion 129.95 (129.65 to 130.65): VV015723.D (-1413) (-)

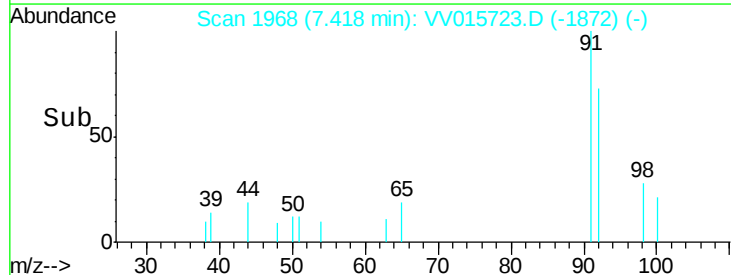
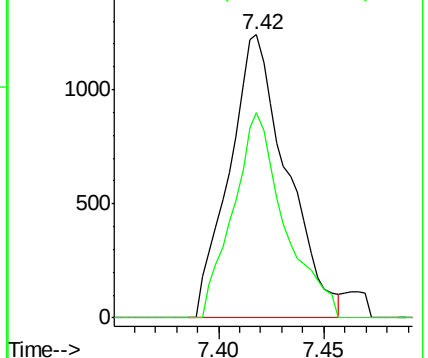


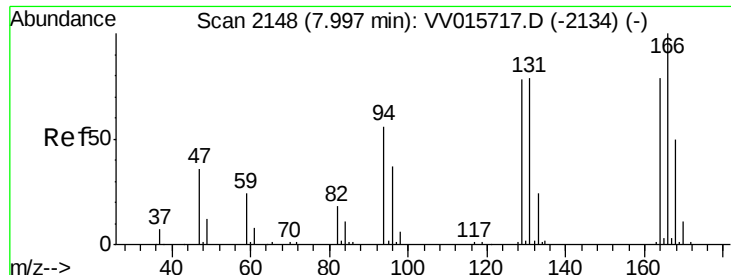
#42
 Toluene
 Concen: 0.068 ug/L
 RT: 7.42 min Scan# 1968
 Delta R.T. 0.01 min
 Lab File: VV015723.D
 Acq: 27 Apr 2020 12:51

Tgt Ion: 91 Resp: 2350
 Ion Ratio Lower Upper
 91 100
 92 72.7 40.7 75.7



Abundance Ion 91.15 (90.85 to 91.85): VV015723.D (-1872) (-)
 Ion 92.15 (91.85 to 92.85): VV015723.D (-1872) (-)





#47

Tetrachloroethene

Concen: 0.418 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VV015723.D

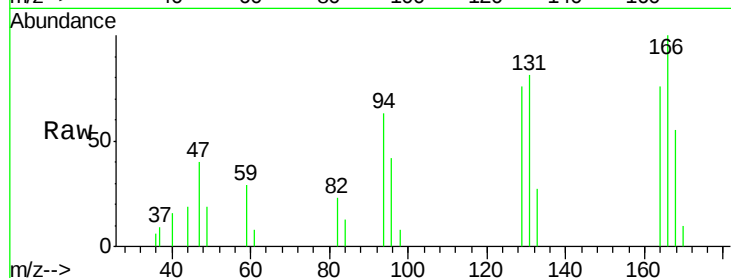
Acq: 27 Apr 2020 12:51

Instrument :

MSVOA_V

ClientSampleId :

ETKL9



Tot Ion:164 Resp: 2703

Ion Ratio Lower Upper

164 100

129 100.5 66.7 123.9

131 106.6 66.6 123.6

166 131.4 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

