

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042420\
 Data File : VV015677.D
 Acq On : 24 Apr 2020 16:30
 Operator : SY/MD
 Sample : L2370-16
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETKN2

Quant Time: Apr 25 03:00:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Apr 25 00:15:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	121144	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	118210	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	58449	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	27500	4.34	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.80%
7) Chloroethane-d5	1.57	69	28338	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.80%
11) 1,1-Dichloroethene-d2	2.12	63	45197	3.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.20%
20) 2-Butanone-d5	3.95	46	120600	59.33	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.66%
24) Chloroform-d	4.38	84	72187	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
26) 1,2-Dichloroethane-d4	5.06	65	42396	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.80%
32) Benzene-d6	5.07	84	134390	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	6.09	67	43595	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.34	98	123242	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
43) trans-1,3-Dichloropropene-	7.65	79	14672	4.21	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.20%
46) 2-Hexanone-d5	8.11	63	96260	56.62	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.24%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	34735	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.40%
64) 1,2-Dichlorobenzene-d4	11.65	152	49630	5.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.00%

Target Compounds

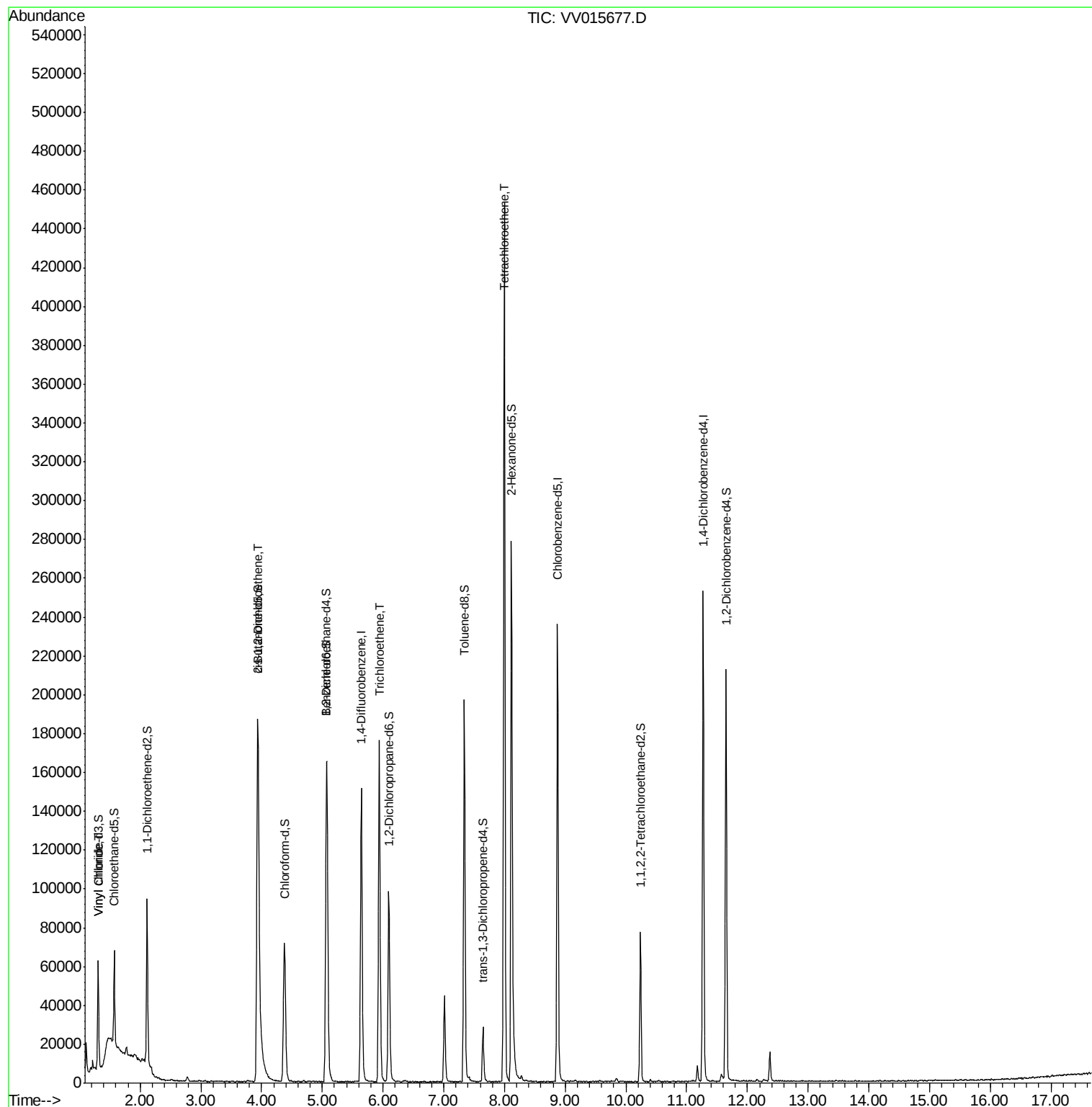
					Ovalue
5) Vinyl chloride	1.32	62	3223	0.336 ug/L	# 71
22) cis-1,2-Dichloroethene	3.94	96	80409	9.212 ug/L	97
34) Trichloroethene	5.94	95	59795	6.411 ug/L	99
47) Tetrachloroethene	8.00	164	89870	13.382 ug/L	96

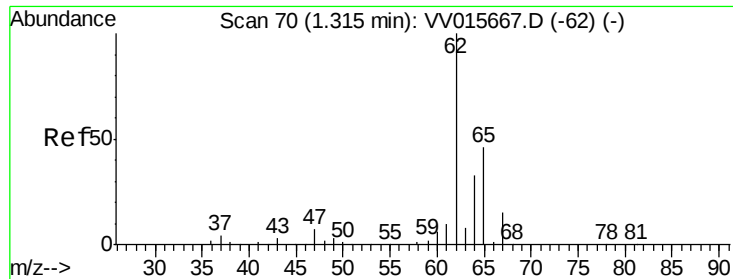
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.336 ug/L

RT: 1.32 min Scan# 70

Delta R.T. 0.00 min

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Acq: 24 Apr 2020 16:30

Instrument :

MSVOA_V

ClientSampleId :

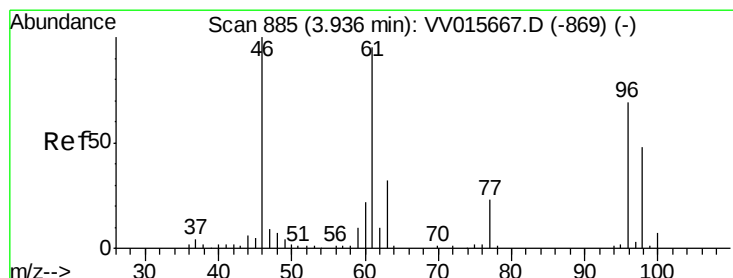
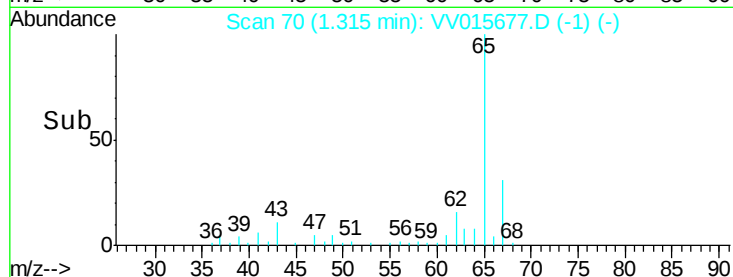
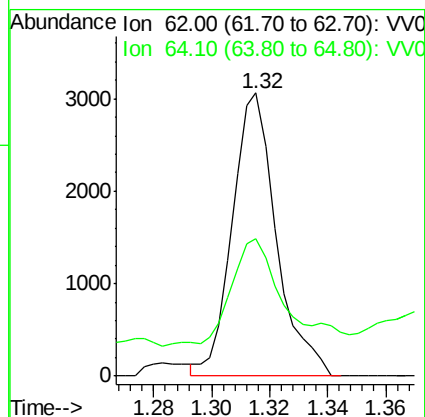
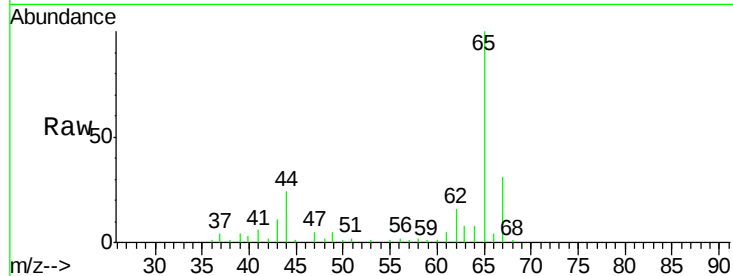
ETKN2

Tot Ion: 62 Resp: 3223

Ion Ratio Lower Upper

62 100

64 48.5 22.7 42.1#



#22

cis-1,2-Dichloroethene

Concen: 9.212 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.00 min

Lab File: VV015677.D

Acq: 24 Apr 2020 16:30

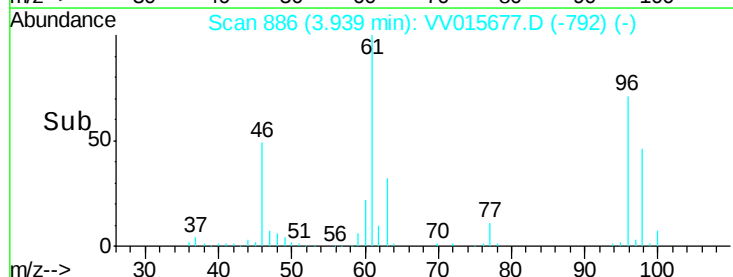
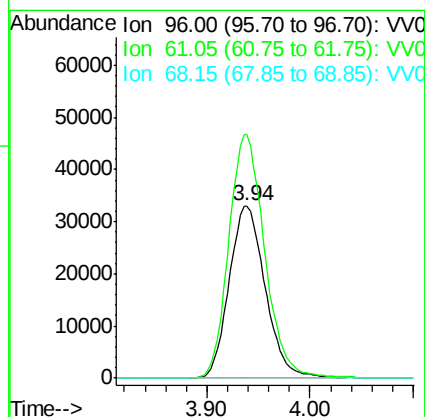
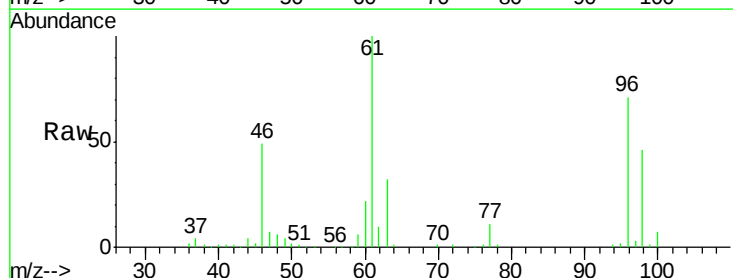
Tgt Ion: 96 Resp: 80409

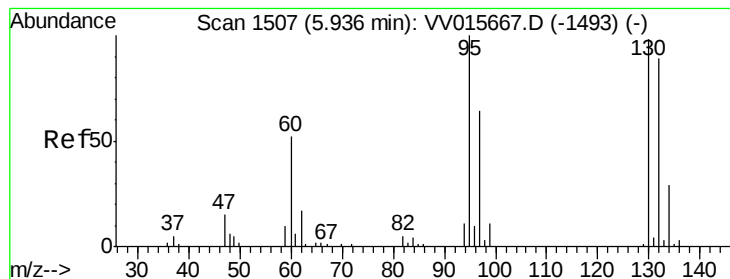
Ion Ratio Lower Upper

96 100

61 141.2 96.4 179.0

68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 6.411 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV015677.D

Acq: 24 Apr 2020 16:30

Instrument :

MSVOA_V

ClientSampleId :

ETKN2

Tot Ion: 95 Resp: 59795

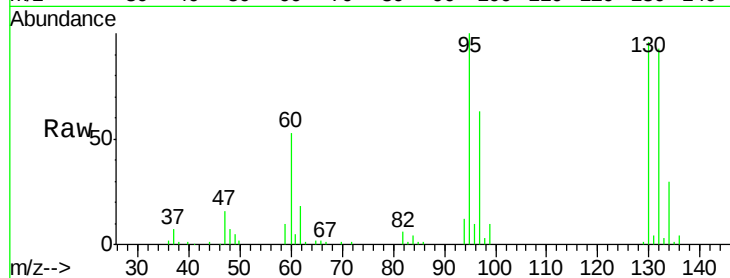
Ion Ratio Lower Upper

95 100

97 63.4 44.7 82.9

132 93.1 65.2 121.0

130 95.9 65.0 120.6

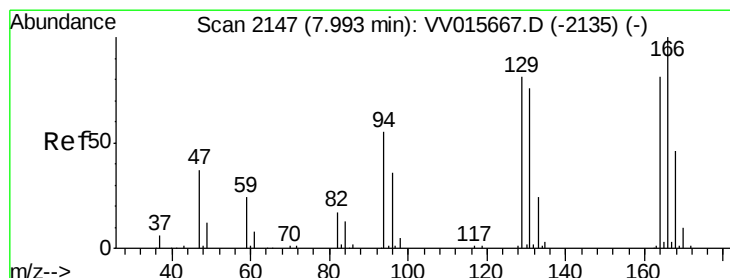
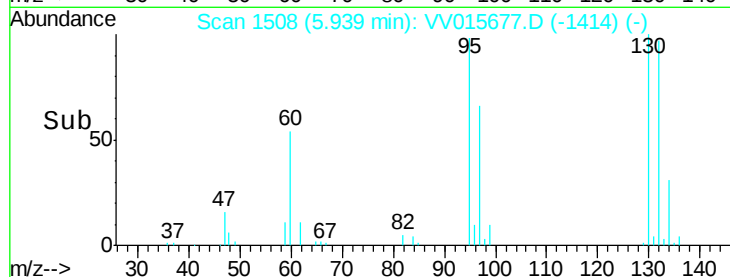
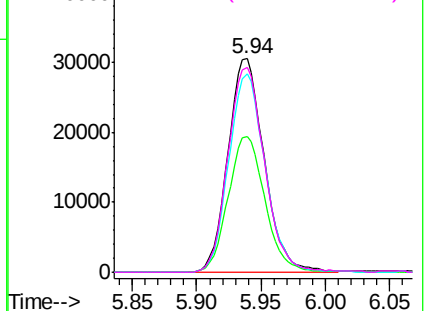


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 13.382 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV015677.D

Acq: 24 Apr 2020 16:30

Tgt Ion: 164 Resp: 89870

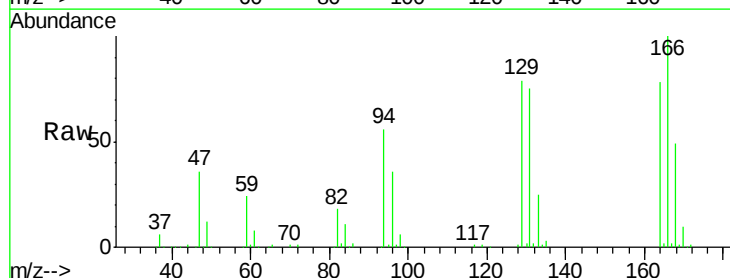
Ion Ratio Lower Upper

164 100

129 101.0 66.7 123.9

131 96.1 66.6 123.6

166 127.8 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

