

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060820\
 Data File : VV016684.D
 Acq On : 09 Jun 2020 01:20
 Operator : SY/MD
 Sample : L2875-13
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETTY3

Quant Time: Jun 09 03:34:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 09 03:29:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	344473	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	327684	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	149517	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	100225	41.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.46%
7) Chloroethane-d5	1.56	69	70913	48.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.24%
11) 1,1-Dichloroethene-d2	2.12	63	137119	33.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.18%
21) 2-Butanone-d5	3.89	46	173203	96.28	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.28%
24) Chloroform-d	4.37	84	223444	45.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.42%
26) 1,2-Dichloroethane-d4	5.05	65	162812	48.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.86%
32) Benzene-d6	5.07	84	439012	46.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.96%
36) 1,2-Dichloropropane-d6	6.09	67	138978	47.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.40%
41) Toluene-d8	7.34	98	394353	45.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.00%
43) trans-1,3-Dichloropropene-	7.64	79	63034	41.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.20%
47) 2-Hexanone-d5	8.11	63	112566	87.69	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.69%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	180600	46.33	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.66%
64) 1,2-Dichlorobenzene-d4	11.65	152	157903	49.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.98%

Target Compounds

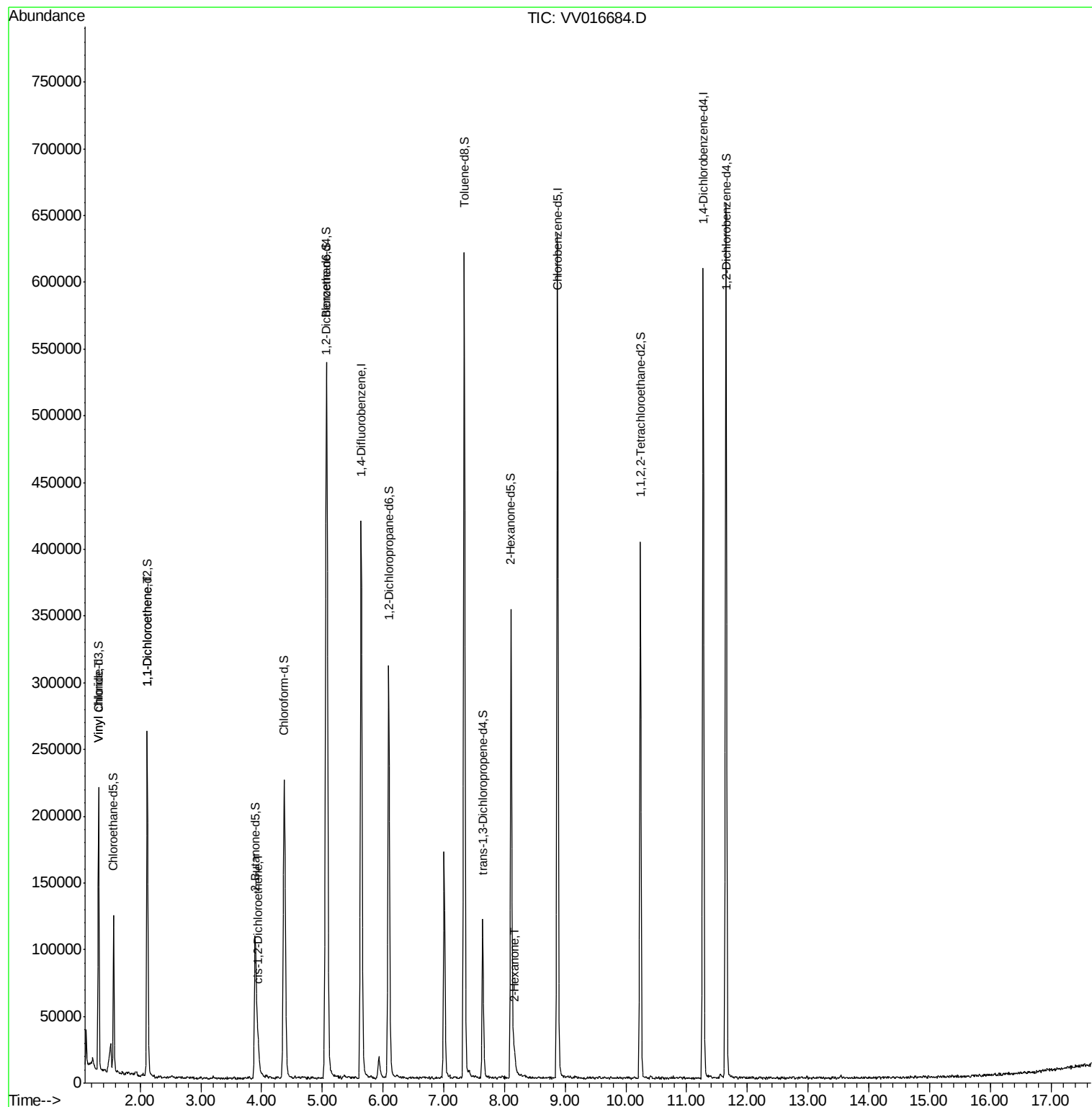
					Ovalue
5) Vinyl chloride	1.32	62	31543	12.843 ug/L	93
12) 1,1-Dichloroethene	2.12	96	1319	0.771 ug/L #	1
20) cis-1,2-Dichloroethene	3.95	96	9759	3.840 ug/L	88
48) 2-Hexanone	8.17	43	8865	3.200 ug/L #	88

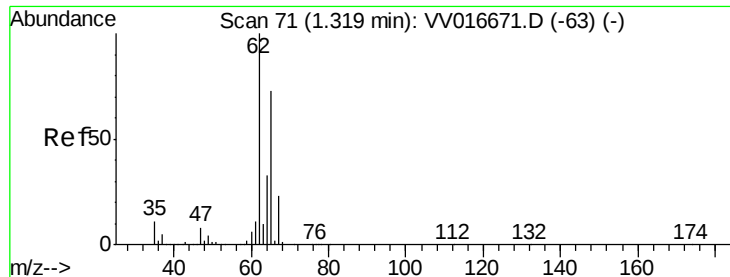
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 12.843 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV016684.D

Acq: 09 Jun 2020 01:20

Instrument :

MSVOA_V

ClientSampleId :

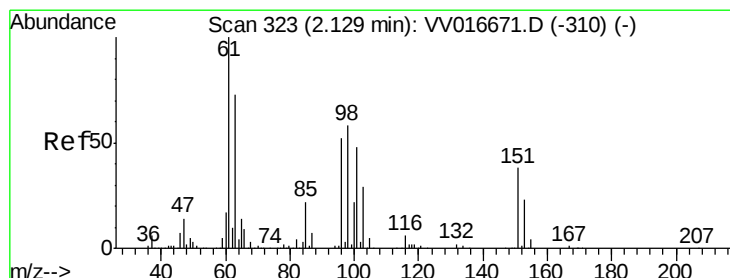
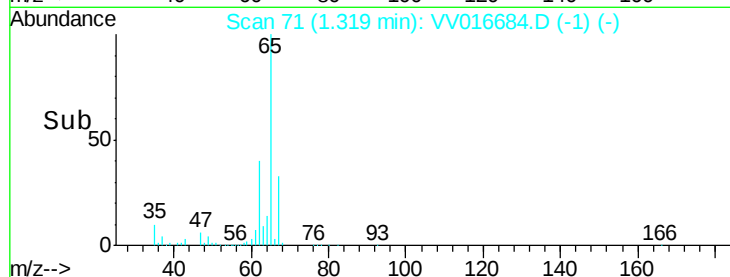
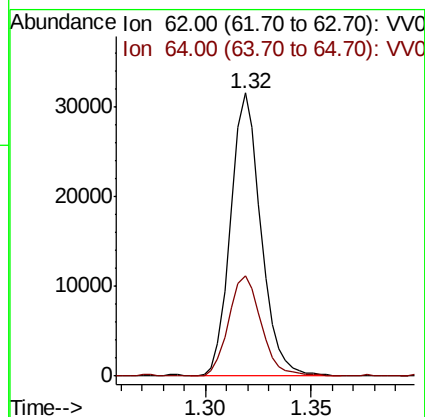
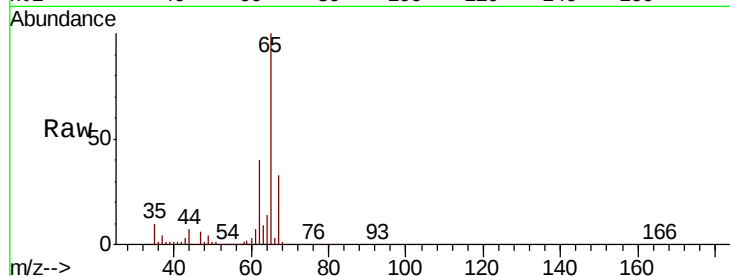
ETTY3

Tot Ion: 62 Resp: 31543

Ion Ratio Lower Upper

62 100

64 35.5 22.3 41.5



#12

1,1-Dichloroethene

Concen: 0.771 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

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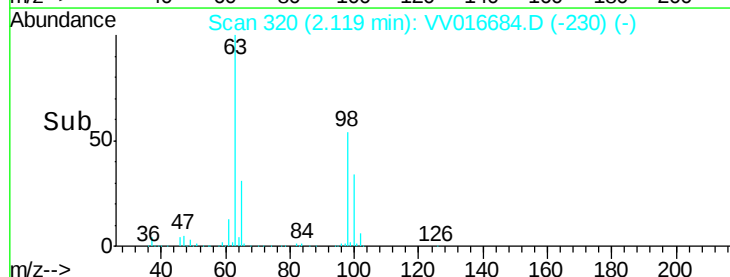
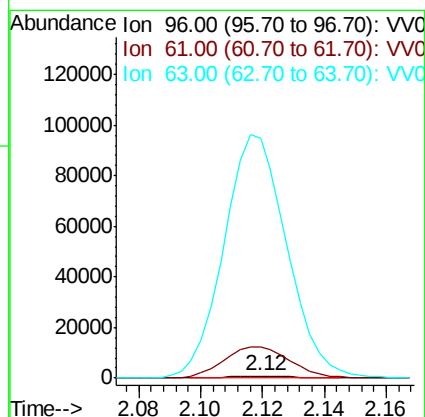
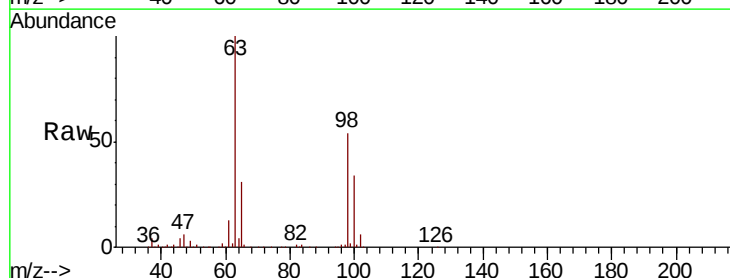
Tgt Ion: 96 Resp: 1319

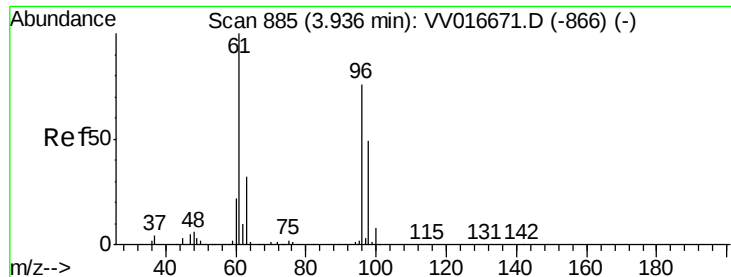
Ion Ratio Lower Upper

96 100

61 1373.4 130.4 242.2#

63 10438.7 103.3 191.9#



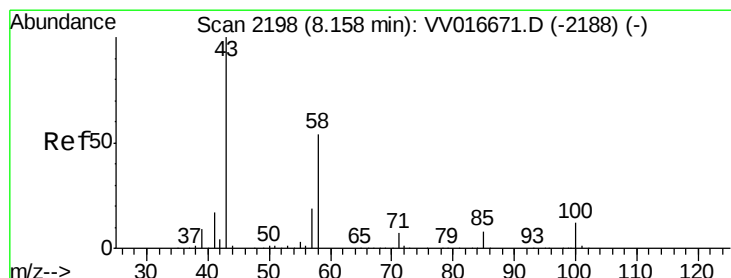
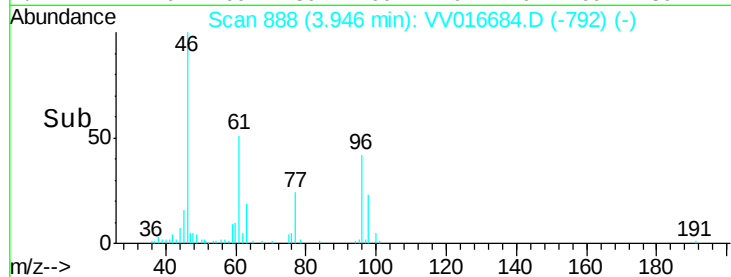
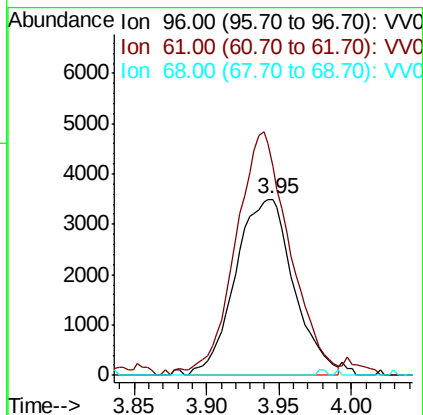
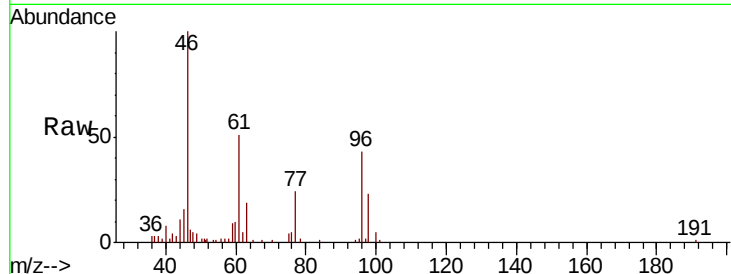


#20

cis-1,2-Dichloroethene
 Concen: 3.840 ug/L
 RT: 3.95 min Scan# 888
 Delta R.T. 0.01 min
 Lab File: VV016684.D
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Tot Ion: 96 Resp: 9759
 Ion Ratio Lower Upper
 96 100
 61 119.0 93.4 173.4
 68 0.0 0.0 0.0



#48

2-Hexanone
 Concen: 3.200 ug/L
 RT: 8.17 min Scan# 2201
 Delta R.T. 0.01 min
 Lab File: VV016684.D
 Acq: 09 Jun 2020 01:20

Tgt Ion: 43 Resp: 8865
 Ion Ratio Lower Upper
 43 100
 58 64.4 43.1 64.7
 57 20.1 15.3 22.9
 100 7.0 10.0 15.0#

