

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052920\
 Data File : VV016318.D
 Acq On : 29 May 2020 16:21
 Operator : SY/MD
 Sample : L2662-02DL 20X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9B06DL

Quant Time: May 30 01:15:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 30 00:00:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	99865	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	92721	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	42243	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	29887	4.66	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.20%
7) Chloroethane-d5	1.58	69	24213	4.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.00%
11) 1,1-Dichloroethene-d2	2.12	63	42168	3.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.00%
20) 2-Butanone-d5	3.96	46	83742	52.64	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.28%
24) Chloroform-d	4.38	84	58235	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
26) 1,2-Dichloroethane-d4	5.06	65	32395	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
32) Benzene-d6	5.07	84	116473	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
36) 1,2-Dichloropropane-d6	6.10	67	35664	5.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.40%
41) Toluene-d8	7.34	98	106128	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
45) trans-1,3-Dichloropropene-	7.65	79	11725	4.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.60%
48) 2-Hexanone-d5	8.12	63	65293	53.75	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.50%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	24990	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	36562	5.18	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.60%

Target Compounds

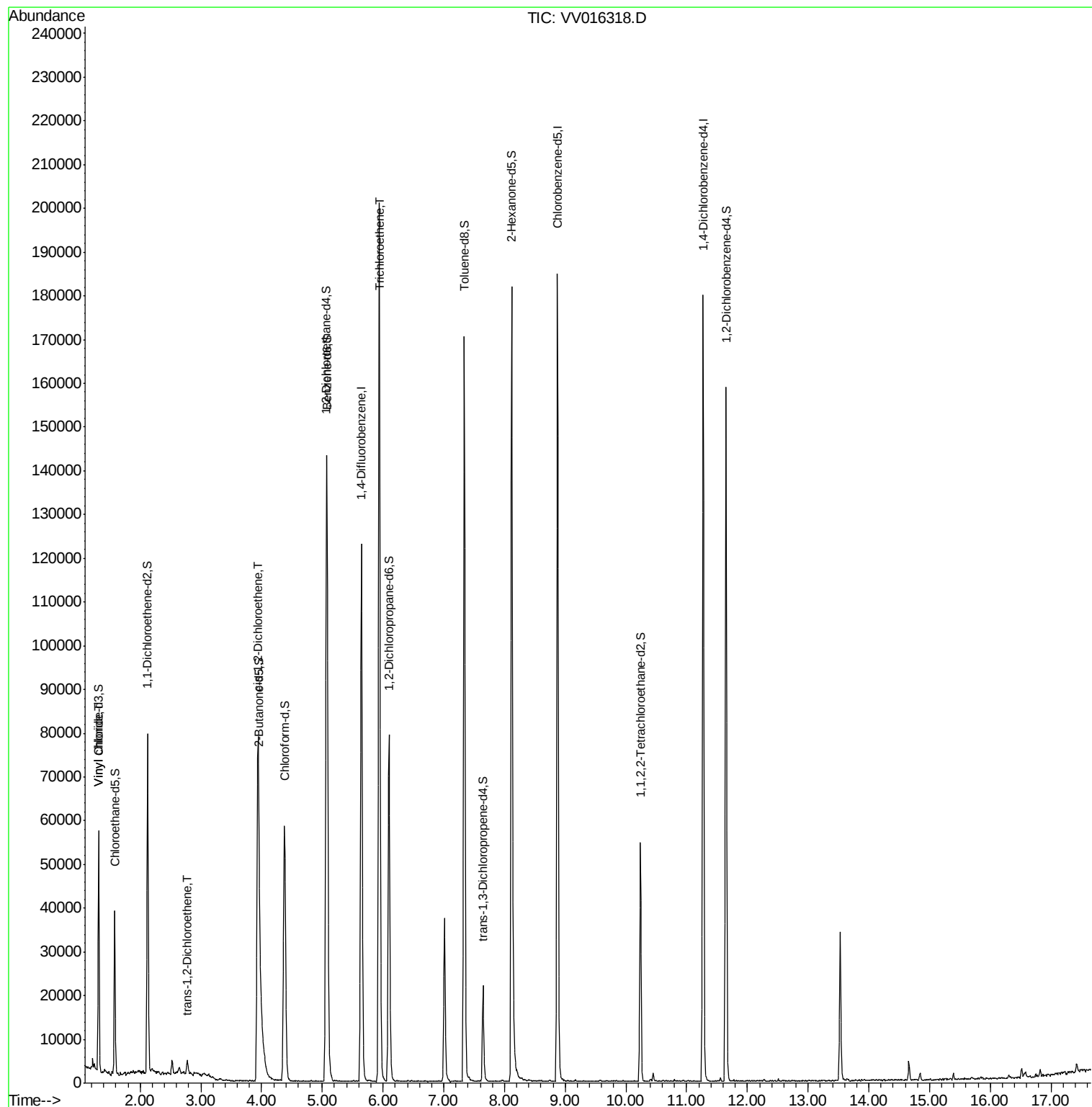
					Ovalue
5) Vinyl chloride	1.32	62	4477	0.512 ug/L	90
18) trans-1,2-Dichloroethene	2.77	96	1194	0.185 ug/L	87
22) cis-1,2-Dichloroethene	3.94	96	28418	3.728 ug/L	99
34) Trichloroethene	5.94	95	69779	10.039 ug/L	99

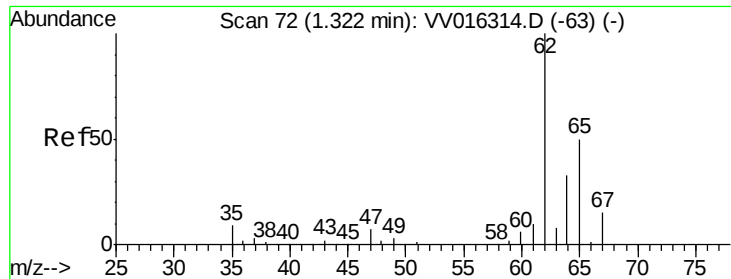
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.512 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

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Acq: 29 May 2020 16:21

Instrument :

MSVOA_V

ClientSampleID :

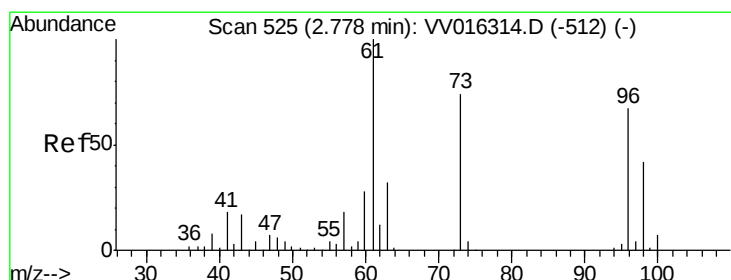
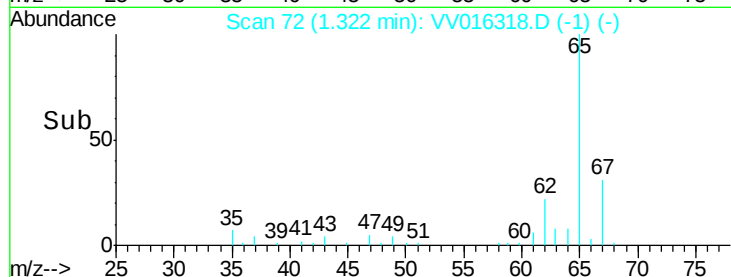
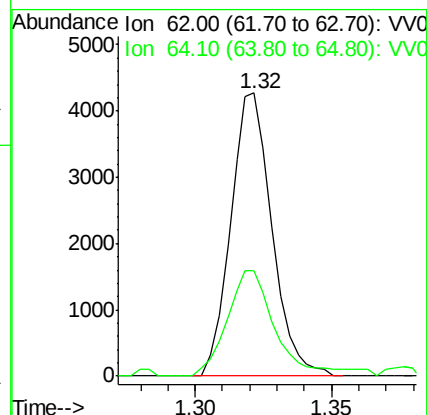
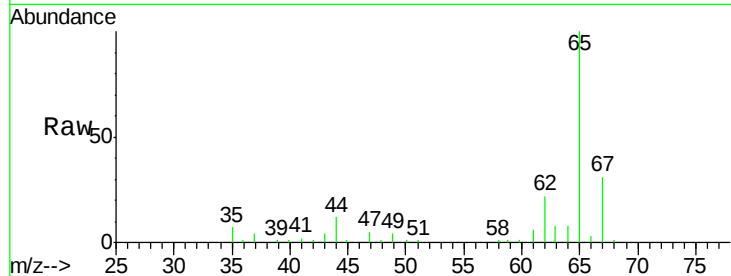
F9B06DL

Tot Ion: 62 Resp: 4477

Ion Ratio Lower Upper

62 100

64 37.4 22.1 41.1



#18

trans-1,2-Dichloroethene

Concen: 0.185 ug/L

RT: 2.77 min Scan# 524

Delta R.T. -0.00 min

Lab File: VV016318.D

Acq: 29 May 2020 16:21

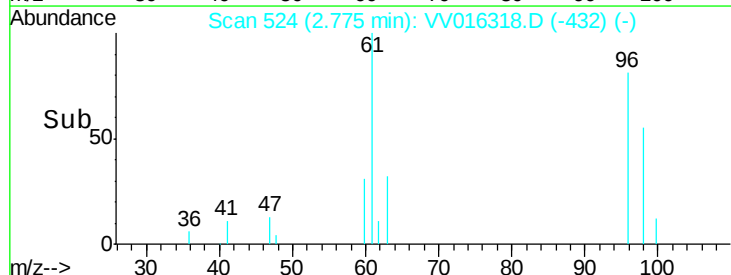
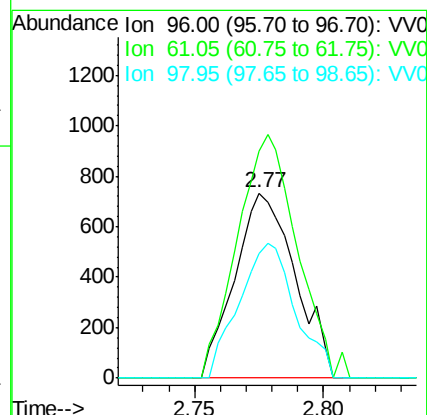
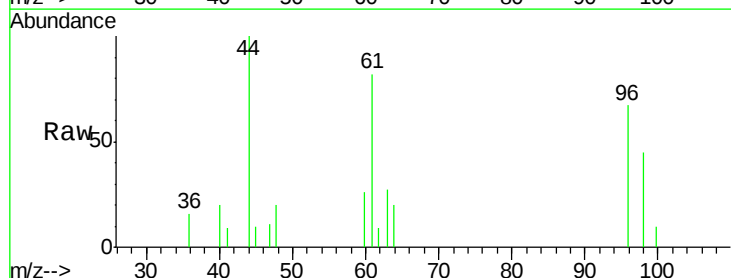
Tgt Ion: 96 Resp: 1194

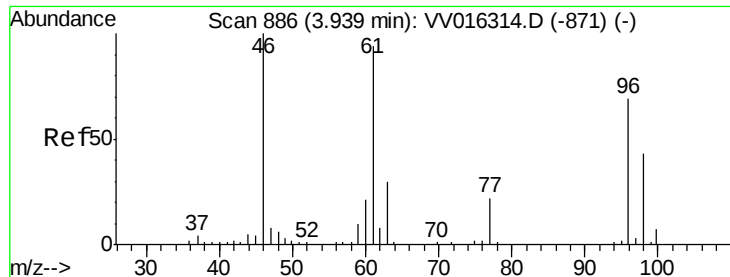
Ion Ratio Lower Upper

96 100

61 122.9 99.8 185.4

98 67.3 44.0 81.6





#22

cis-1,2-Dichloroethene

Concen: 3.728 ug/L

RT: 3.94 min Scan# 886

Delta R.T. -0.00 min

Lab File: VV016318.D

Acq: 29 May 2020 16:21

Instrument :

MSVOA_V

ClientSampleId :

F9B06DL

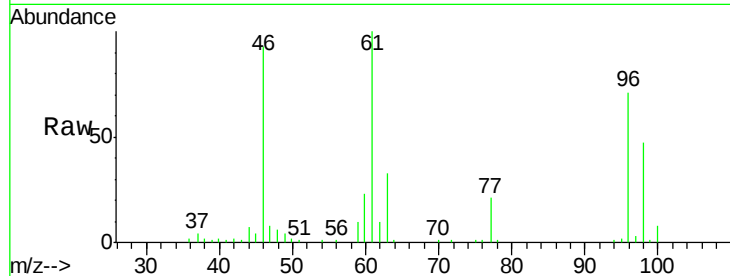
Tot Ion: 96 Resp: 28418

Ion Ratio Lower Upper

96 100

61 140.6 99.7 185.1

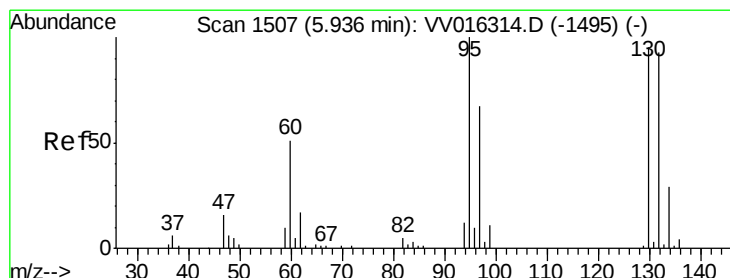
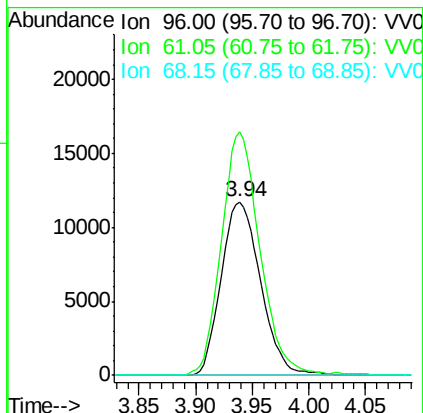
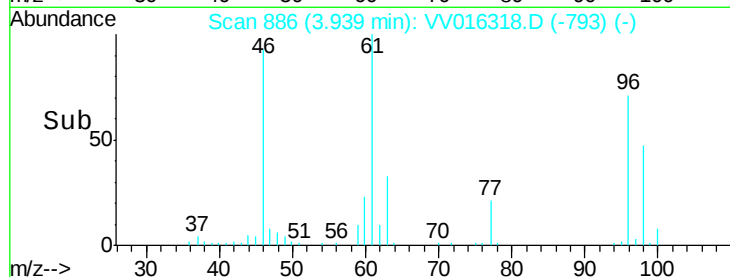
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV016318.D (-793) (-)

Ion 61.05 (60.75 to 61.75): VV016318.D (-793) (-)

Ion 68.15 (67.85 to 68.85): VV016318.D (-793) (-)



#34

Trichloroethene

Concen: 10.039 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV016318.D

Acq: 29 May 2020 16:21

Tgt Ion: 95 Resp: 69779

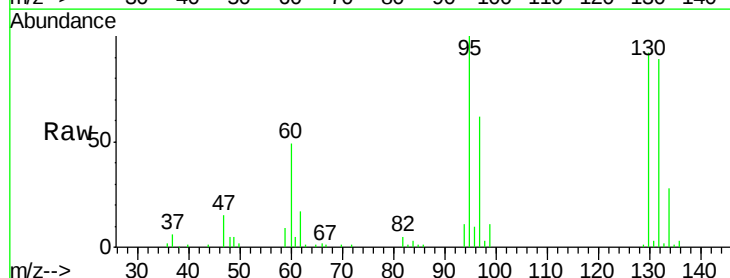
Ion Ratio Lower Upper

95 100

97 62.2 43.6 81.0

132 89.2 63.9 118.7

130 92.4 65.2 121.0



Abundance Ion 95.00 (94.70 to 95.70): VV016318.D (-1414) (-)

Ion 96.95 (96.65 to 97.65): VV016318.D (-1414) (-)

Ion 131.95 (131.65 to 132.65): VV016318.D (-1414) (-)

Ion 129.95 (129.65 to 130.65): VV016318.D (-1414) (-)

