

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081720\
 Data File : VV018032.D
 Acq On : 17 Aug 2020 17:57
 Operator : SY/MD
 Sample : L3665-20
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4L73

Quant Time: Aug 18 03:08:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 18 01:23:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	257378	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	256627	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	121300	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	82763	42.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.30%
7) Chloroethane-d5	1.58	69	73213	45.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.14%
11) 1,1-Dichloroethene-d2	2.12	63	123607	32.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.82%
21) 2-Butanone-d5	3.91	46	120857	93.96	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.96%
24) Chloroform-d	4.38	84	150299	42.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.08%
26) 1,2-Dichloroethane-d4	5.06	65	110415	47.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.10%
32) Benzene-d6	5.07	84	321799	45.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.00%
36) 1,2-Dichloropropane-d6	6.09	67	105477	45.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.24%
41) Toluene-d8	7.34	98	280192	44.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.10%
43) trans-1,3-Dichloropropene-	7.64	79	47923	45.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.40%
47) 2-Hexanone-d5	8.11	63	62177	83.80	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.80%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	135177	44.90	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.80%
64) 1,2-Dichlorobenzene-d4	11.65	152	118025	49.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.88%

Target Compounds

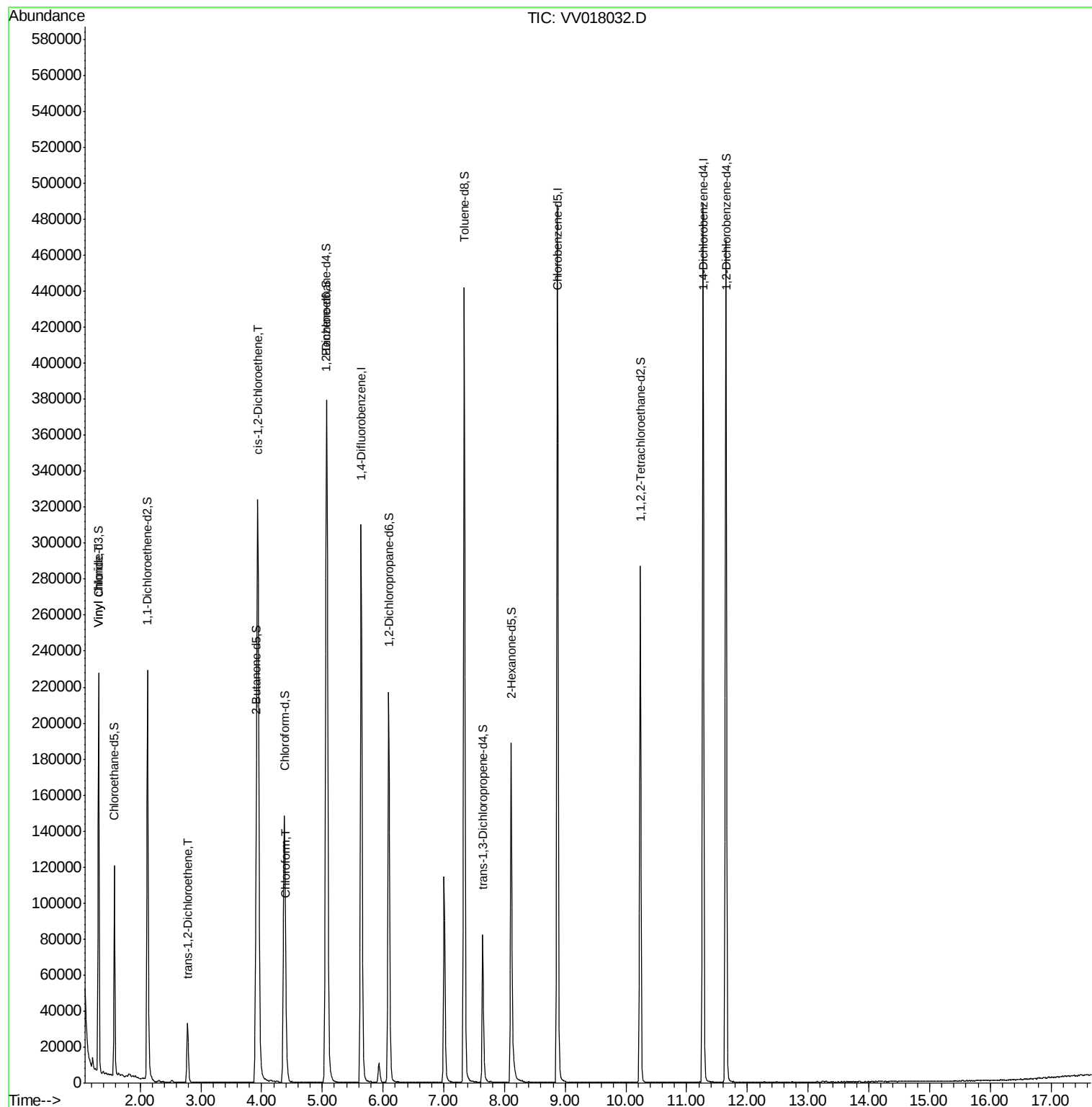
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	60330	26.380	ug/L	95
17) trans-1,2-Dichloroethene	2.78	96	11366	6.404	ug/L	97
20) cis-1,2-Dichloroethene	3.94	96	169062	86.687	ug/L	98
25) Chloroform	4.41	83	12589	3.459	ug/L	94

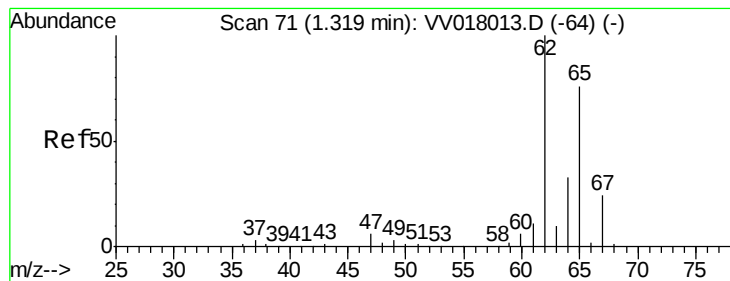
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 26.380 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

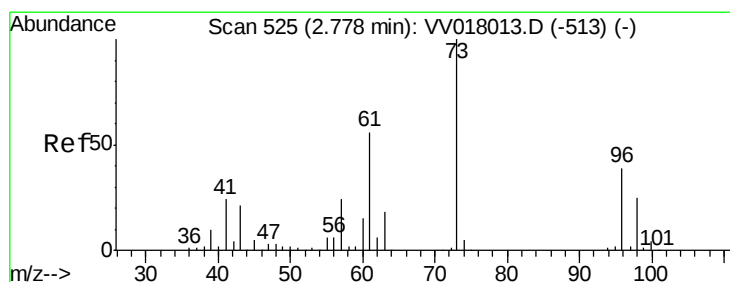
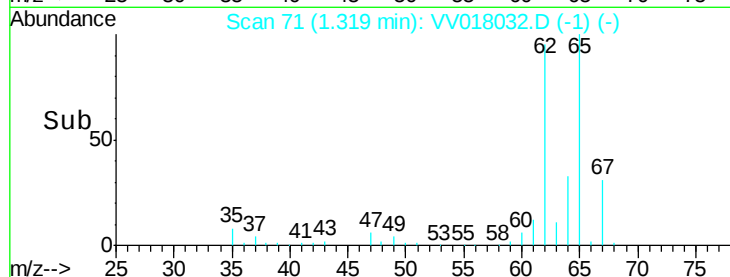
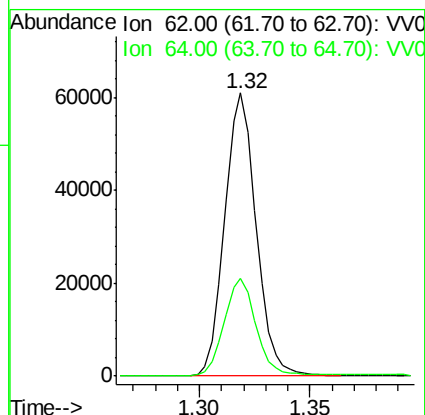
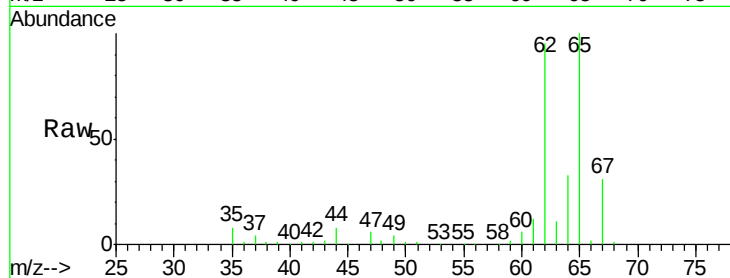
F4L73

Tot Ion: 62 Resp: 60330

Ion Ratio Lower Upper

62 100

64 34.6 22.4 41.6



#17

trans-1,2-Dichloroethene

Concen: 6.404 ug/L

RT: 2.78 min Scan# 526

Delta R.T. 0.00 min

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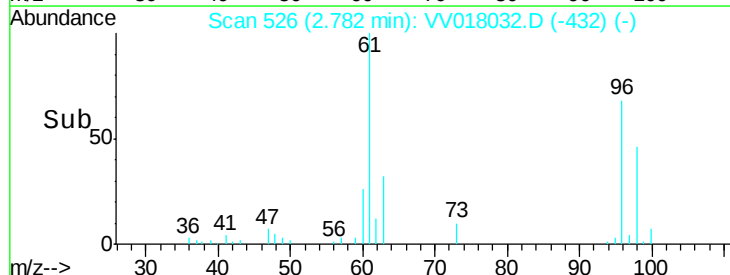
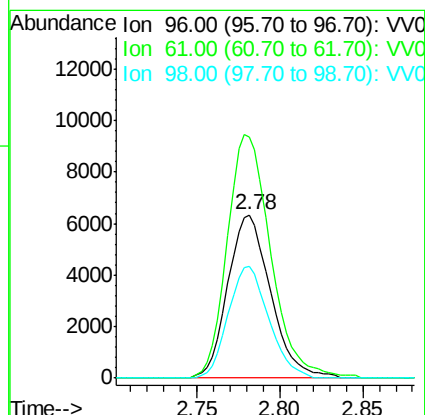
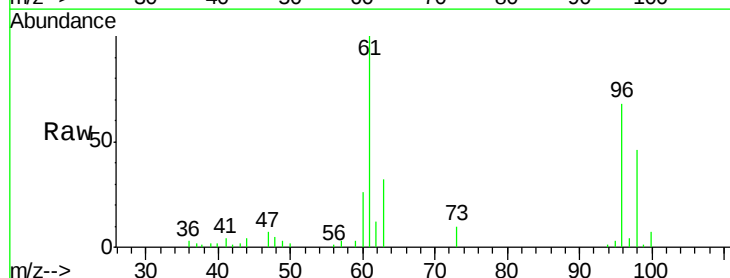
Tgt Ion: 96 Resp: 11366

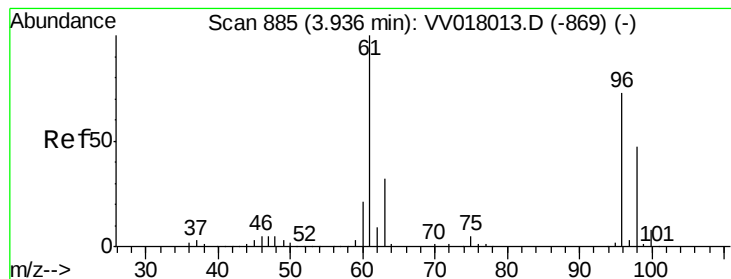
Ion Ratio Lower Upper

96 100

61 148.0 102.4 190.2

98 68.7 44.4 82.5





#20

cis-1,2-Dichloroethene

Concen: 86.687 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.00 min

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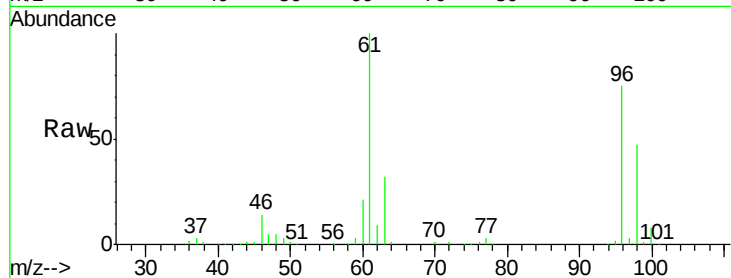
Tot Ion: 96 Resp: 169062

Ion Ratio Lower Upper

96 100

61 132.8 95.0 176.4

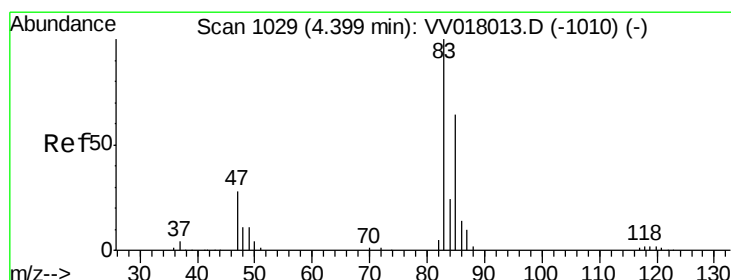
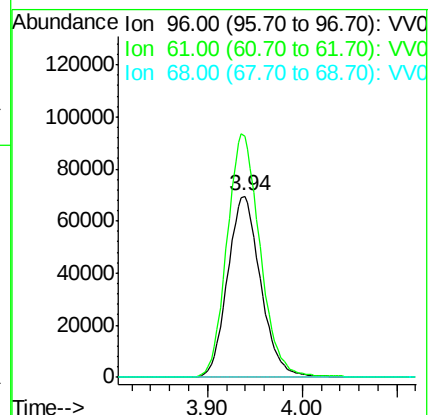
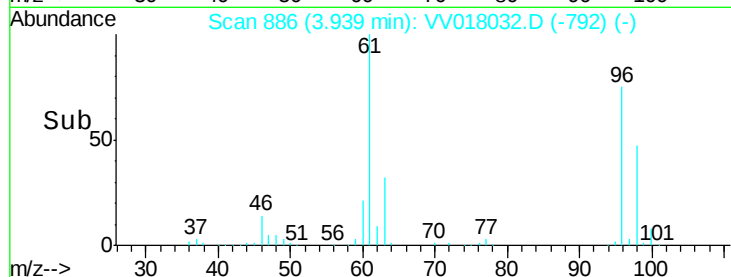
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV018013.D (-869) (-)

Ion 61.00 (60.70 to 61.70): VV018013.D (-869) (-)

Ion 68.00 (67.70 to 68.70): VV018013.D (-869) (-)



#25

Chloroform

Concen: 3.459 ug/L

RT: 4.41 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VV018032.D

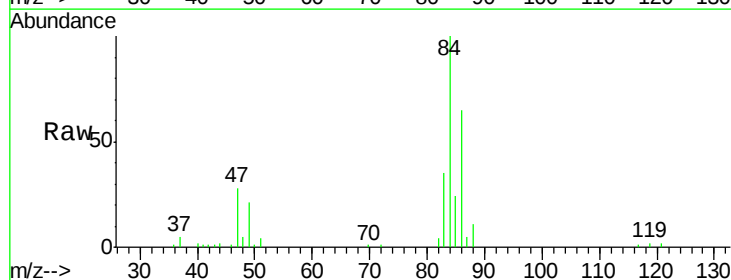
Acq: 17 Aug 2020 17:57

Tgt Ion: 83 Resp: 12589

Ion Ratio Lower Upper

83 100

85 69.8 45.5 84.5



Abundance Ion 83.00 (82.70 to 83.70): VV018013.D (-1010) (-)

Ion 85.00 (84.70 to 85.70): VV018013.D (-1010) (-)

