

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060620\
 Data File : VV016598.D
 Acq On : 06 Jun 2020 18:26
 Operator : SY/MD
 Sample : L2895-19
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW0L7

Quant Time: Jun 06 23:51:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 06 23:47:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	359378	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	336263	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	156168	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	88198	34.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.30%
7) Chloroethane-d5	1.56	69	68931	37.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.02%
11) 1,1-Dichloroethene-d2	2.12	63	128988	28.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.18%#
21) 2-Butanone-d5	3.89	46	177601	109.12	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.12%
24) Chloroform-d	4.37	84	217169	45.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.92%
26) 1,2-Dichloroethane-d4	5.05	65	152351	47.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.26%
32) Benzene-d6	5.07	84	428594	47.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.16%
36) 1,2-Dichloropropane-d6	6.09	67	136445	48.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.22%
41) Toluene-d8	7.34	98	381945	46.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.38%
43) trans-1,3-Dichloropropene-	7.64	79	62271	45.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.06%
47) 2-Hexanone-d5	8.11	63	132056	109.86	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.86%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	183638	48.24	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.48%
64) 1,2-Dichlorobenzene-d4	11.65	152	160287	54.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.24%

Target Compounds

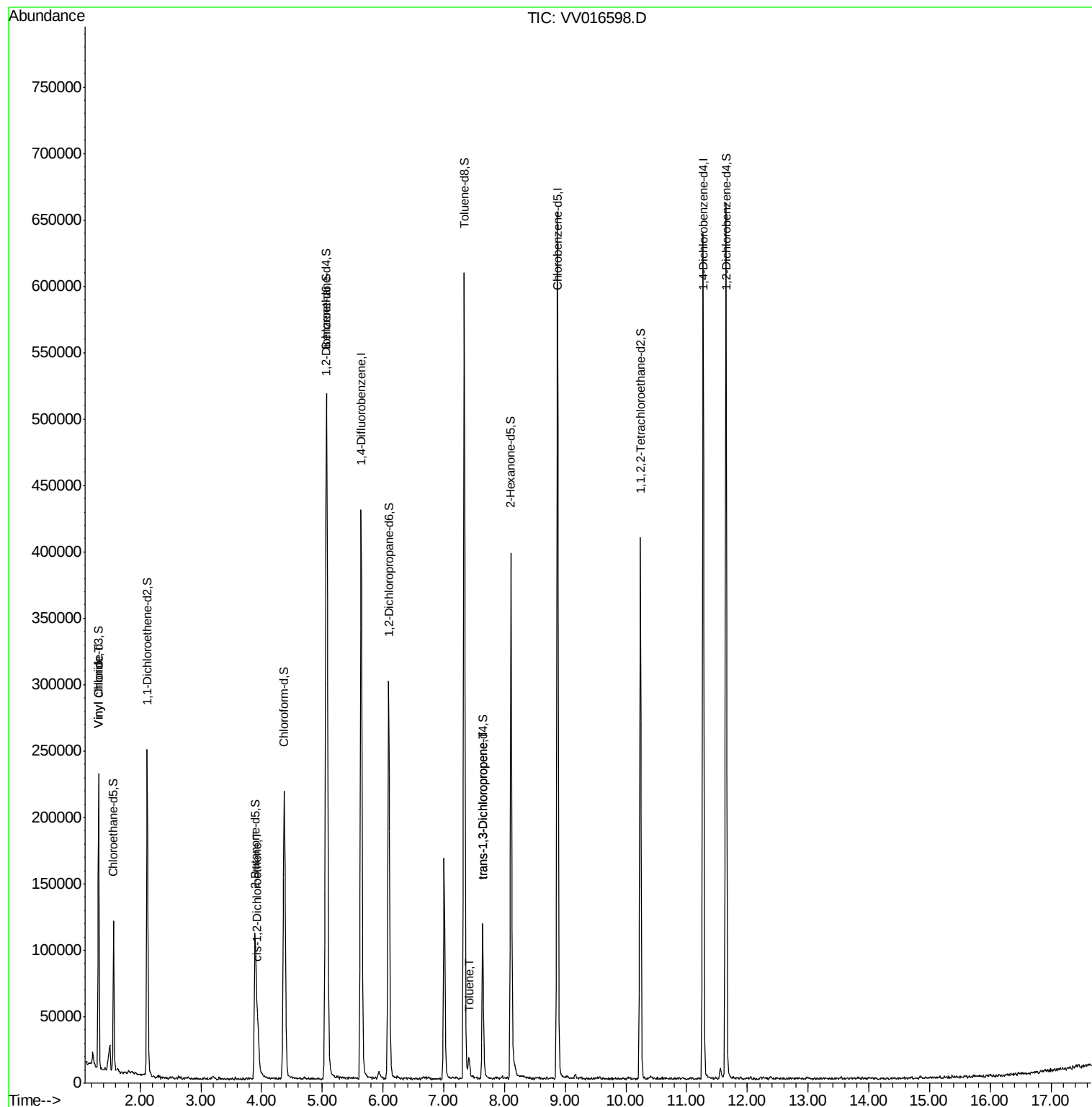
					Ovalue
5) Vinyl chloride	1.32	62	50353	18.241	ug/L 95
20) cis-1,2-Dichloroethene	3.94	96	15555	5.725	ug/L 91
42) Toluene	7.42	91	10824	1.033	ug/L 97
44) trans-1,3-Dichloropropene	7.64	75	3494	0.948	ug/L # 81

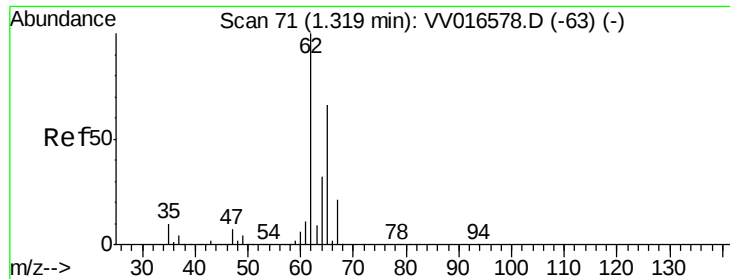
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 18.241 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

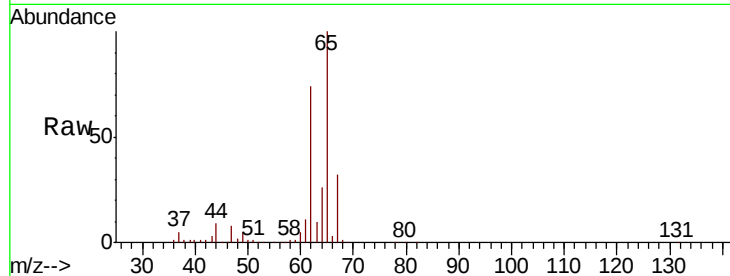
EW0L7

Tot Ion: 62 Resp: 50353

Ion Ratio Lower Upper

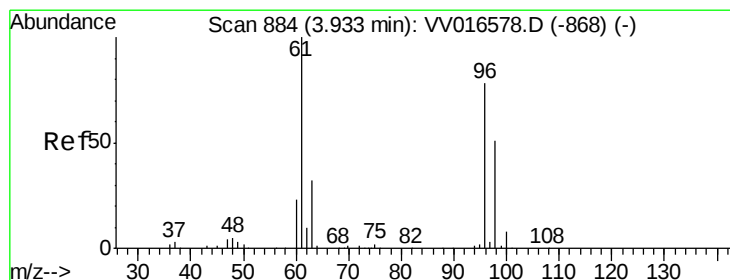
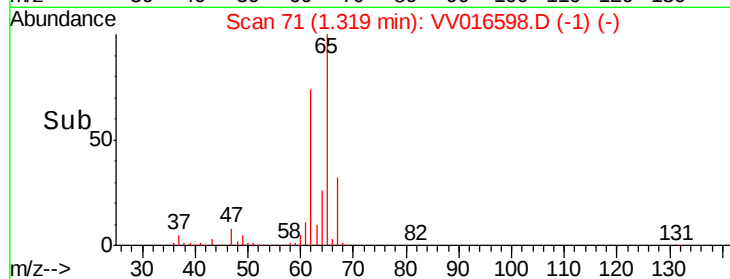
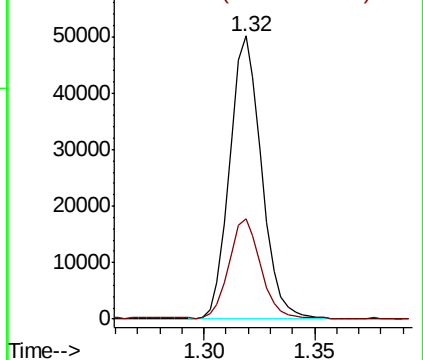
62 100

64 35.4 22.7 42.1



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0



#20

cis-1,2-Dichloroethene

Concen: 5.725 ug/L

RT: 3.94 min Scan# 885

Delta R.T. 0.00 min

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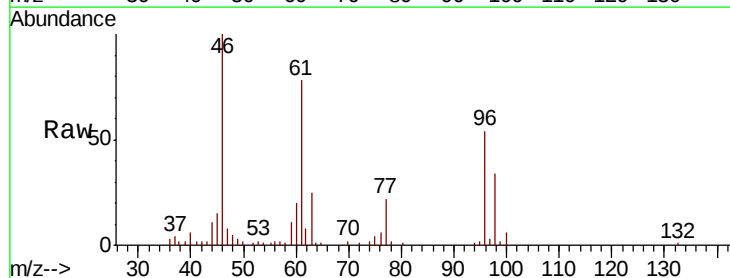
Tgt Ion: 96 Resp: 15555

Ion Ratio Lower Upper

96 100

61 143.5 93.4 173.4

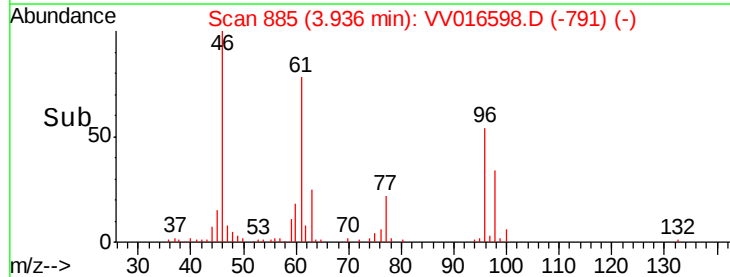
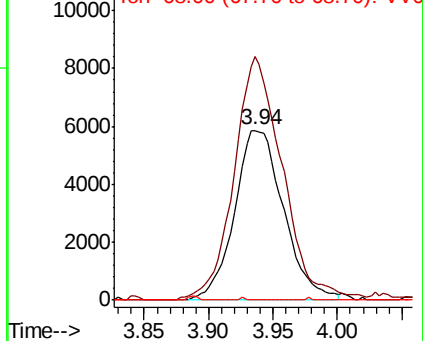
68 0.0 0.0 0.0

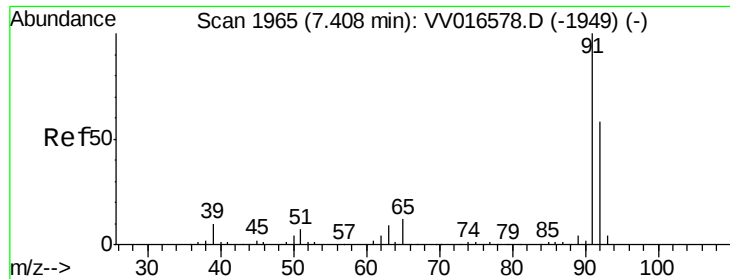


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0





#42

Toluene

Concen: 1.033 ug/L

RT: 7.42 min Scan# 1967

Delta R.T. 0.01 min

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Acq: 06 Jun 2020 18:26

Instrument :

MSVOA_V

ClientSampled :

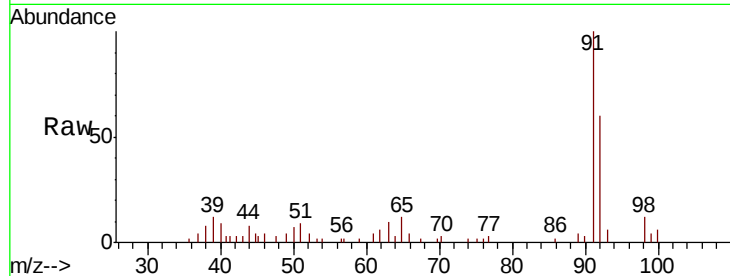
EW0L7

Tot Ion: 91 Resp: 10824

Ion Ratio Lower Upper

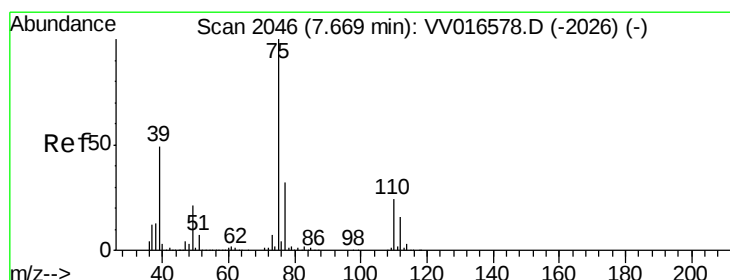
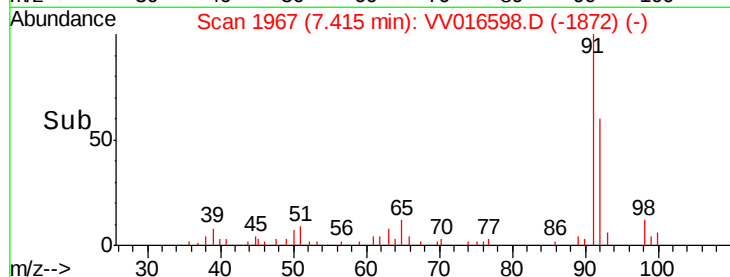
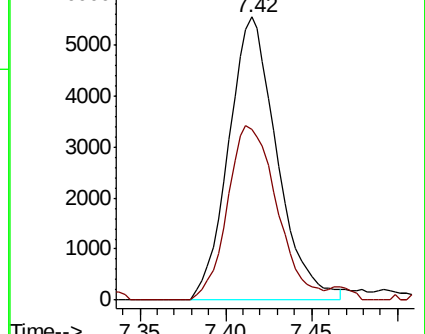
91 100

92 60.4 40.9 75.9



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 92.00 (91.70 to 92.70): VV0



#44

trans-1,3-Dichloropropene

Concen: 0.948 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. -0.03 min

Lab File: VV016598.D

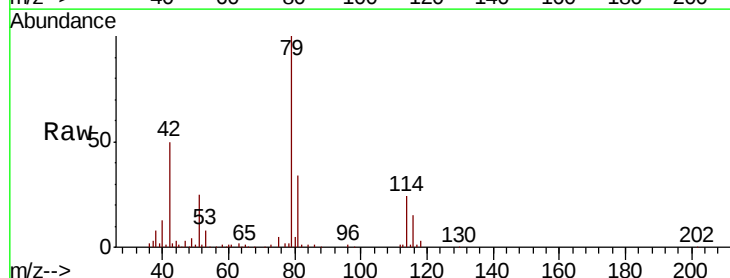
Acq: 06 Jun 2020 18:26

Tgt Ion: 75 Resp: 3494

Ion Ratio Lower Upper

75 100

77 42.4 22.2 41.2#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

