

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061220\
 Data File : VV016901.D
 Acq On : 13 Jun 2020 00:55
 Operator : SY/MD
 Sample : VV0612WBL03
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK85

Quant Time: Jun 13 06:15:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 13 06:09:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	331991	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	313333	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	157977	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	96625	41.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.50%
7) Chloroethane-d5	1.55	69	70932	50.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.92%
11) 1,1-Dichloroethene-d2	2.11	63	137090	34.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.70%
21) 2-Butanone-d5	3.89	46	165289	95.33	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.33%
24) Chloroform-d	4.37	84	219626	46.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.22%
26) 1,2-Dichloroethane-d4	5.05	65	158877	49.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.08%
32) Benzene-d6	5.07	84	416882	46.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.30%
36) 1,2-Dichloropropane-d6	6.09	67	128485	45.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.28%
41) Toluene-d8	7.34	98	378652	45.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.36%
43) trans-1,3-Dichloropropene-	7.64	79	63976	43.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.26%
47) 2-Hexanone-d5	8.11	63	95650	77.92	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	77.92%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	167646	44.98	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.96%
64) 1,2-Dichlorobenzene-d4	11.65	152	170073	50.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.90%

Target Compounds

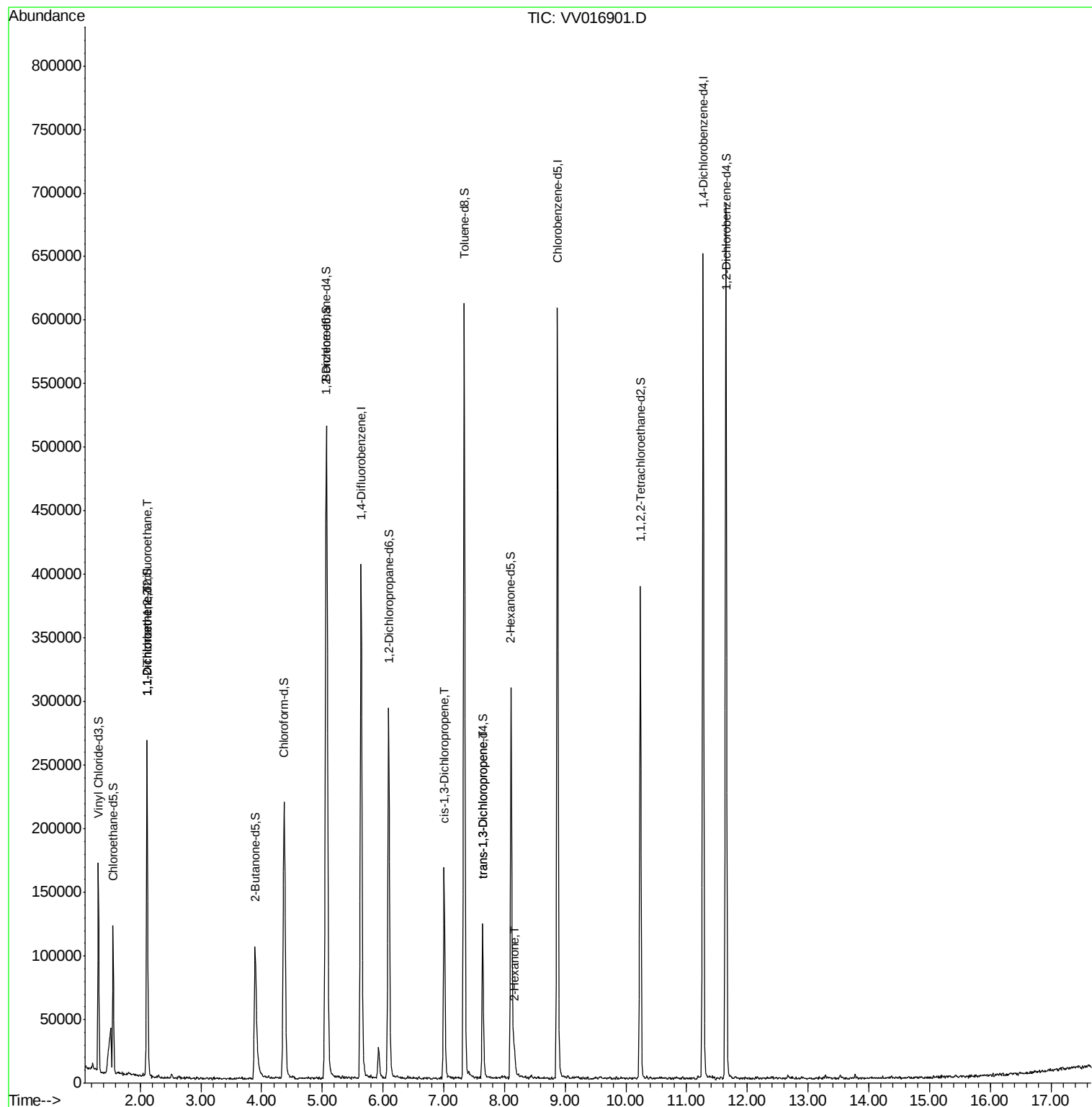
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	1584	0.897 ug/L #	25
12) 1,1-Dichloroethene	2.11	96	1364	0.828 ug/L #	1
39) cis-1,3-Dichloropropene	7.01	75	4715	1.259 ug/L #	62
44) trans-1,3-Dichloropropene	7.64	75	3447	0.947 ug/L #	78
48) 2-Hexanone	8.17	43	12012	4.535 ug/L #	39

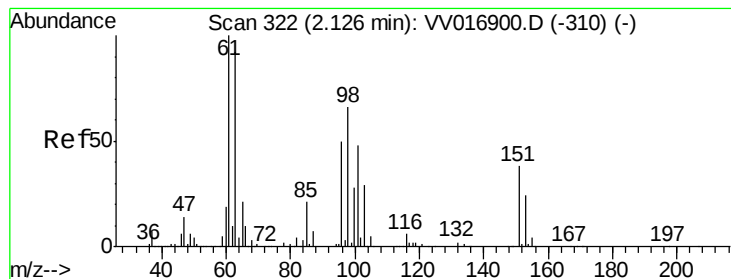
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jun 13 06:09:05 2020
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.897 ug/L

RT: 2.11 min Scan# 318

Delta R.T. -0.01 min

Lab File: VV016901.D

Acq: 13 Jun 2020 00:55

Instrument :

MSVOA_V

ClientSampleId :

VBLK85

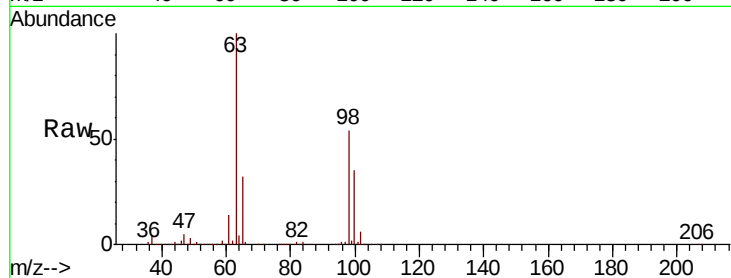
Tot Ion:101 Resp: 1584

Ion Ratio Lower Upper

101 100

85 7.9 35.5 53.3#

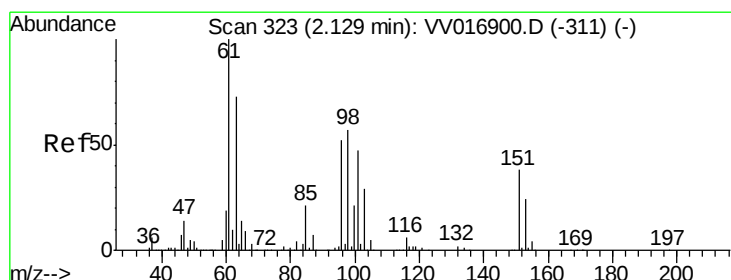
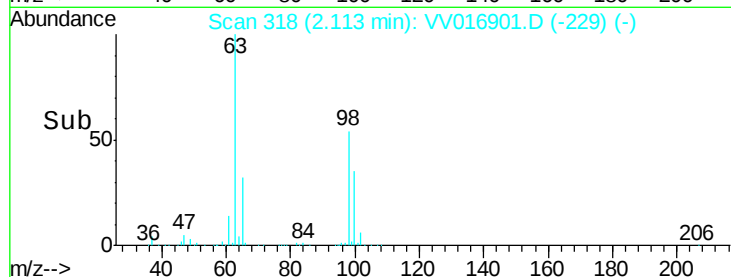
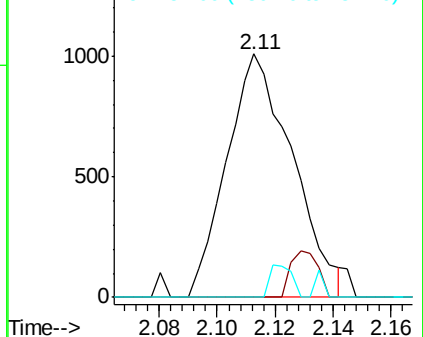
151 4.5 63.9 95.9#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.828 ug/L

RT: 2.11 min Scan# 318

Delta R.T. -0.02 min

Lab File: VV016901.D

Acq: 13 Jun 2020 00:55

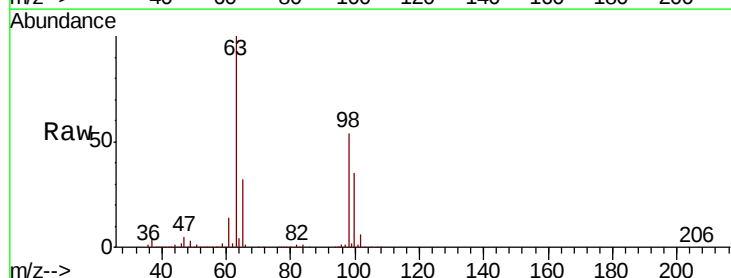
Tgt Ion: 96 Resp: 1364

Ion Ratio Lower Upper

96 100

61 1480.4 130.4 242.2#

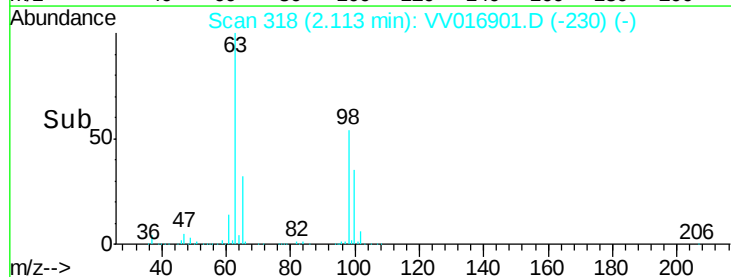
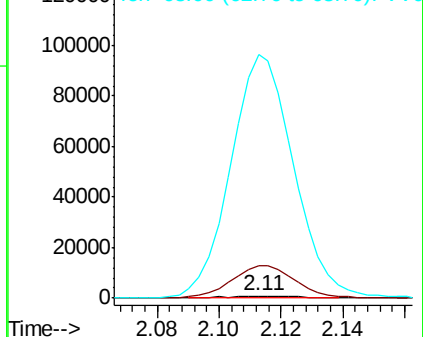
63 10943.0 103.3 191.9#

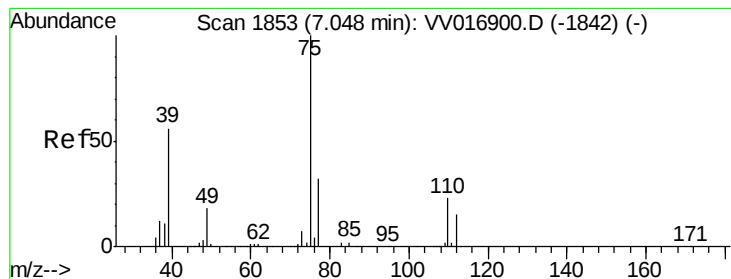


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#39

cis-1,3-Dichloropropene

Concen: 1.259 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV016901.D

Acq: 13 Jun 2020 00:55

Instrument :

MSVOA_V

ClientSampleId :

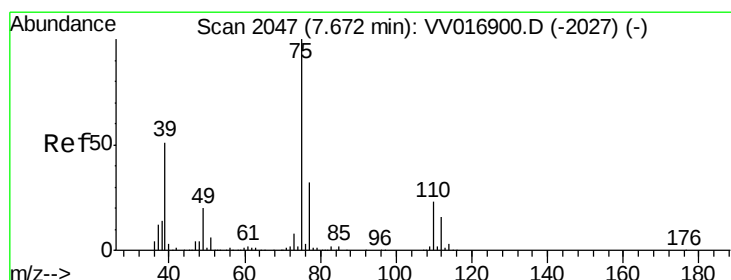
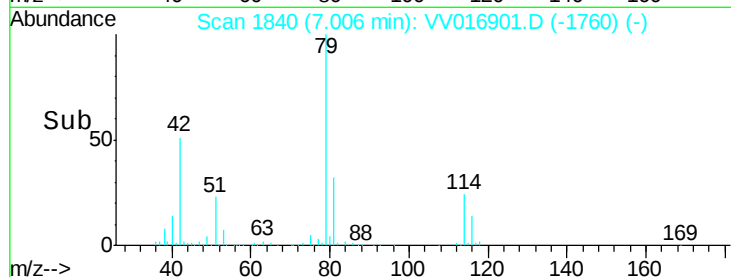
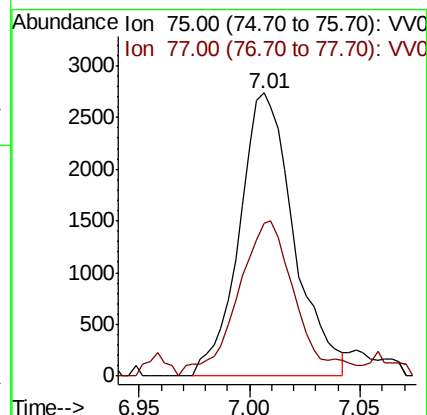
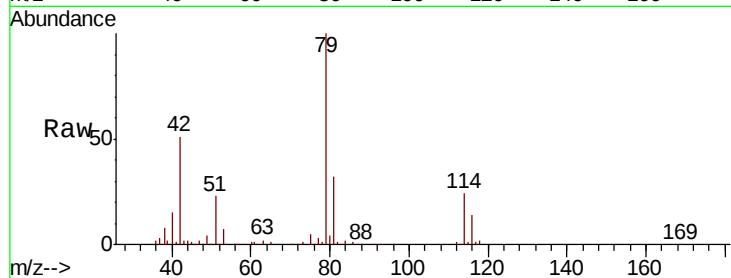
VBLK85

Tot Ion: 75 Resp: 4715

Ion Ratio Lower Upper

75 100

77 54.0 22.7 42.1#



#44

trans-1,3-Dichloropropene

Concen: 0.947 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. -0.03 min

Lab File: VV016901.D

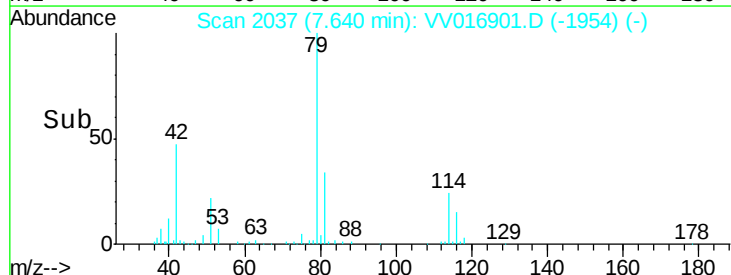
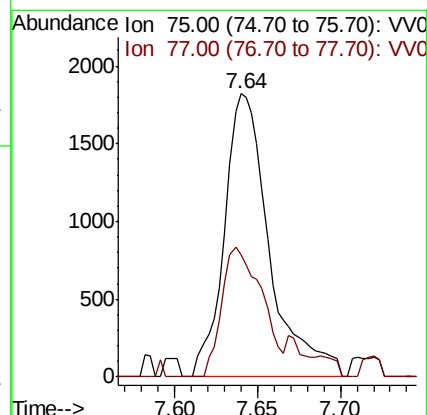
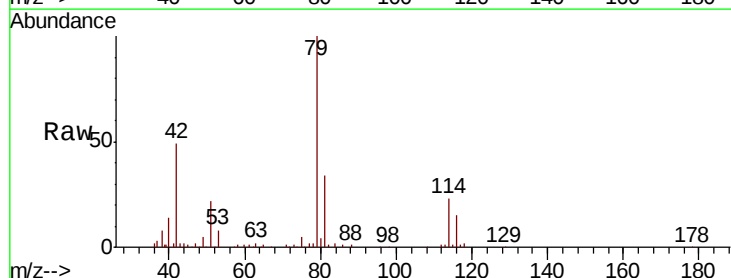
Acq: 13 Jun 2020 00:55

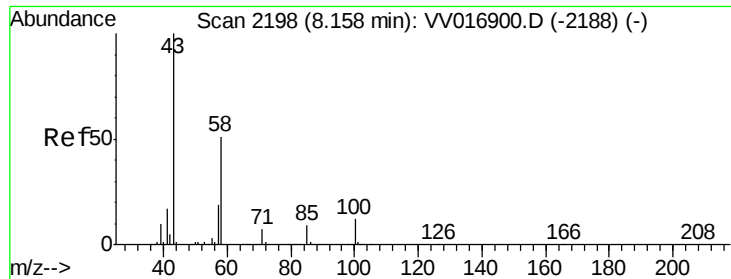
Tgt Ion: 75 Resp: 3447

Ion Ratio Lower Upper

75 100

77 43.0 21.7 40.3#





#48
 2-Hexanone
 Concen: 4.535 ug/L
 RT: 8.17 min Scan# 2201
 Delta R.T. 0.01 min
 Lab File: VV016901.D
 Acq: 13 Jun 2020 00:55

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK85

Tot Ion:	43	Resp:	12012
Ion	Ratio	Lower	Upper
43	100		
58	0.0	43.1	64.7#
57	0.0	15.3	22.9#
100	1.7	10.0	15.0#

