

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061920\
 Data File : VV016998.D
 Acq On : 19 Jun 2020 14:17
 Operator : SY/MD
 Sample : L3074-10
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 20 02:06:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 20 02:04:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	303322	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	282782	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	133528	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	108604	50.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.48%
7) Chloroethane-d5	1.58	69	72472	56.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	112.86%
11) 1,1-Dichloroethene-d2	2.12	63	155231	43.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.38%
21) 2-Butanone-d5	3.91	46	158873	100.29	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.29%
24) Chloroform-d	4.38	84	229869	52.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.64%
26) 1,2-Dichloroethane-d4	5.06	65	163154	55.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.24%
32) Benzene-d6	5.08	84	449632	55.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.32%
36) 1,2-Dichloropropane-d6	6.09	67	136328	53.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.30%
41) Toluene-d8	7.34	98	409273	54.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.42%
43) trans-1,3-Dichloropropene-	7.64	79	67387	50.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.84%
47) 2-Hexanone-d5	8.11	63	84037	75.86	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	75.86%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	144437	42.94	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.88%
64) 1,2-Dichlorobenzene-d4	11.65	152	164361	57.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	115.36%

Target Compounds

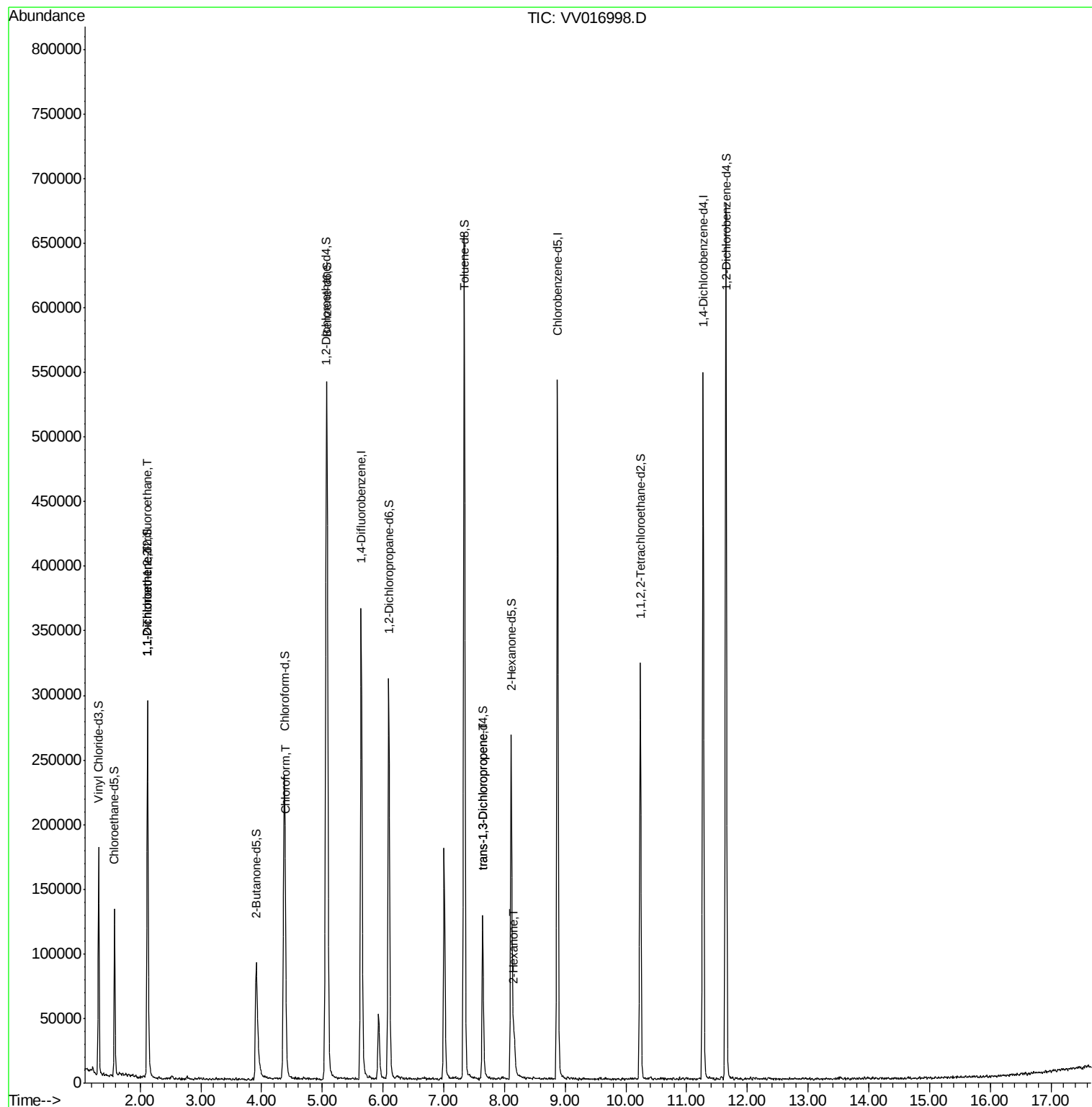
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1248	0.774 ug/L #	21
12) 1,1-Dichloroethene	2.12	96	1545	1.026 ug/L #	1
25) Chloroform	4.40	83	2924	0.736 ug/L	90
44) trans-1,3-Dichloropropene	7.64	75	3564	1.085 ug/L	95
48) 2-Hexanone	8.16	43	17612	7.367 ug/L #	88

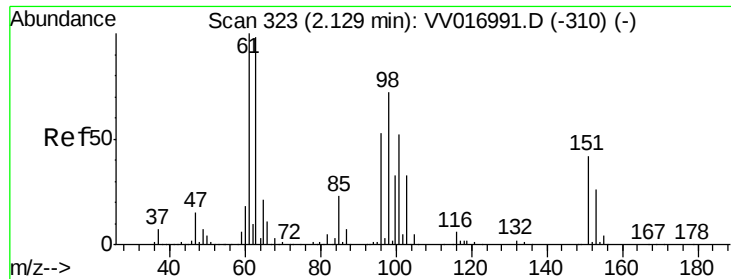
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Jun 20 02:04:09 2020
Response via : Initial Calibration





#10

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

Concen: 0.774 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV016998.D

Acq: 19 Jun 2020 14:17

Instrument :

MSVOA_V

ClientSampled :

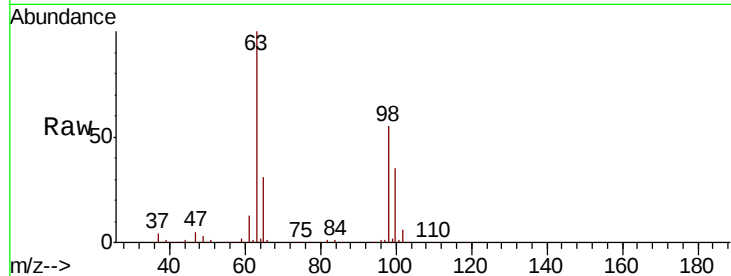
Tot Ion:101 Resp: 1248

Ion Ratio Lower Upper

101 100

85 5.8 35.5 53.3#

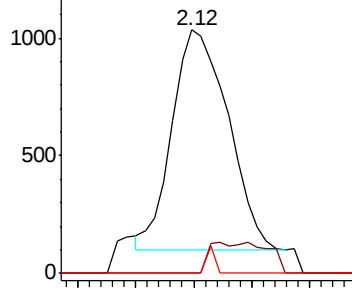
151 0.0 63.9 95.9#



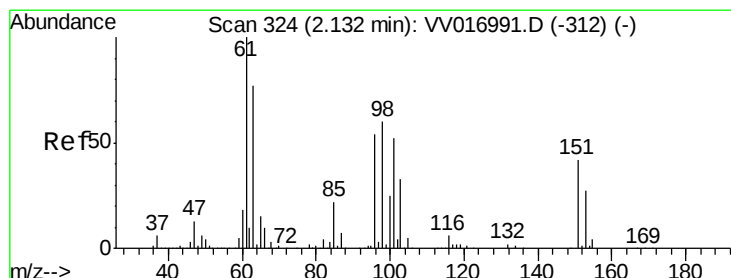
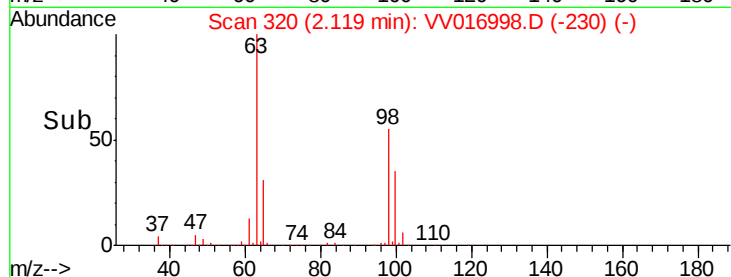
Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



Time-->



#12

1,1-Dichloroethene

Concen: 1.026 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV016998.D

Acq: 19 Jun 2020 14:17

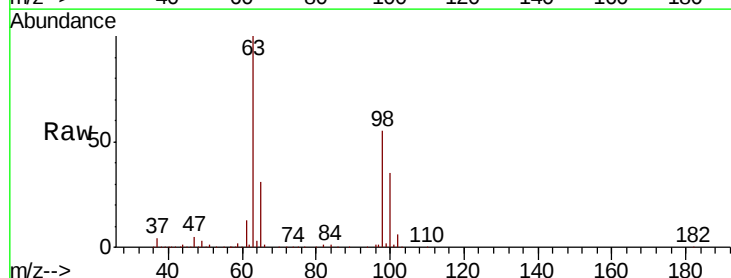
Tgt Ion: 96 Resp: 1545

Ion Ratio Lower Upper

96 100

61 1506.7 130.4 242.2#

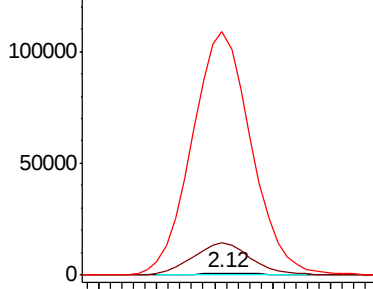
63 11508.7 103.3 191.9#



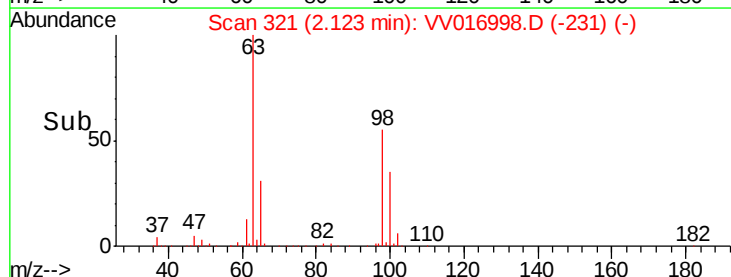
Abundance Ion 96.00 (95.70 to 96.70): VV0

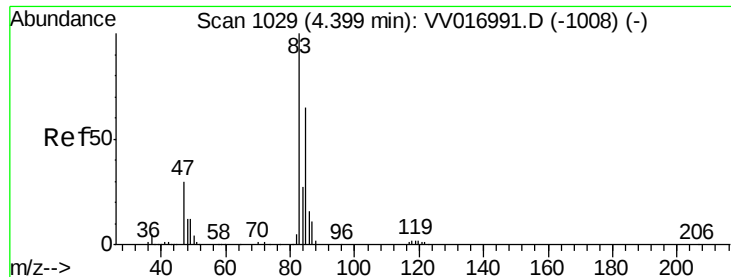
Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0



Time-->

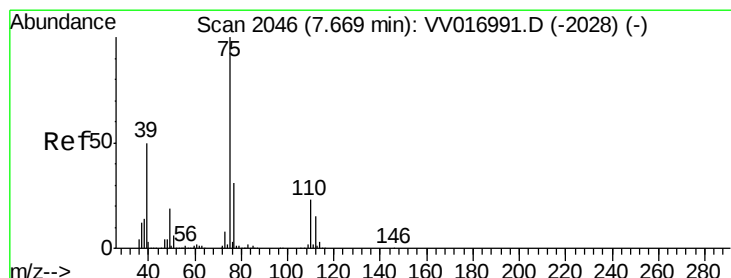
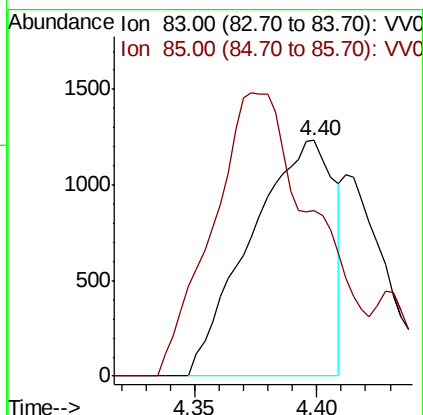
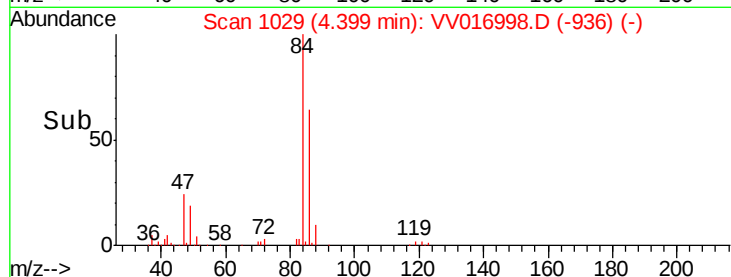
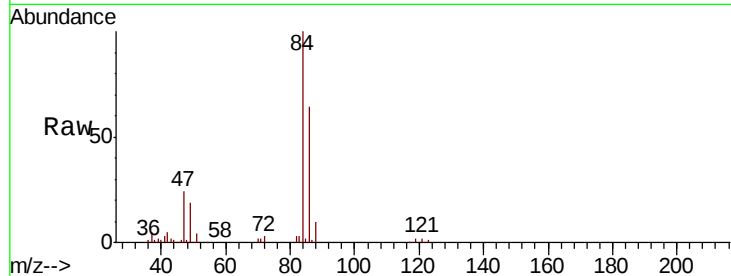




#25
Chloroform
Concen: 0.736 ug/L
RT: 4.40 min Scan# 1029
Delta R.T. 0.00 min
Lab File: VV016998.D
Acq: 19 Jun 2020 14:17

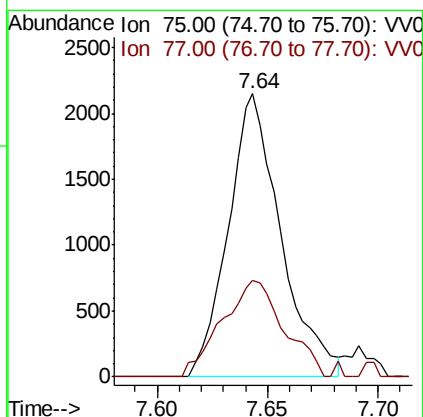
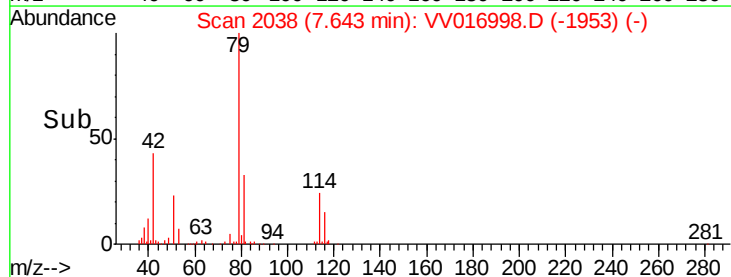
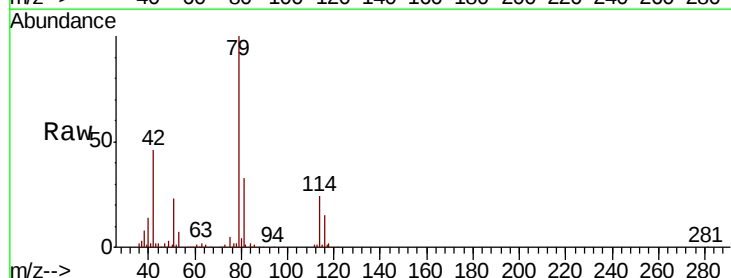
Instrument :
MSVOA_V
ClientSampleId :

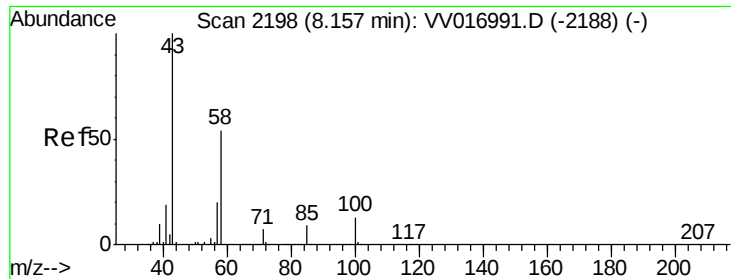
Tot Ion: 83 Resp: 2924
Ion Ratio Lower Upper
83 100
85 70.5 44.1 81.9



#44
trans-1,3-Dichloropropene
Concen: 1.085 ug/L
RT: 7.64 min Scan# 2038
Delta R.T. -0.03 min
Lab File: VV016998.D
Acq: 19 Jun 2020 14:17

Tgt Ion: 75 Resp: 3564
Ion Ratio Lower Upper
75 100
77 34.0 21.7 40.3





#48

2-Hexanone

Concen: 7.367 ug/L

RT: 8.16 min Scan# 2199

Delta R.T. 0.00 min

Lab File: VV016998.D

Acq: 19 Jun 2020 14:17

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 17612

Ion Ratio Lower Upper

43 100

58 43.0 43.1 64.7#

57 17.0 15.3 22.9

100 9.9 10.0 15.0#

