

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062620\
 Data File : VV017191.D
 Acq On : 26 Jun 2020 18:59
 Operator : SY/MD
 Sample : L3103-10
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 27 00:27:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 27 00:23:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	356824	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	333366	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	155555	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	98902	39.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.56%
7) Chloroethane-d5	1.58	69	67967	44.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.98%
11) 1,1-Dichloroethene-d2	2.12	63	150038	35.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.98%
21) 2-Butanone-d5	3.91	46	146291	78.50	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	78.50%
24) Chloroform-d	4.38	84	219477	42.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.74%
26) 1,2-Dichloroethane-d4	5.06	65	160772	46.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.34%
32) Benzene-d6	5.08	84	416219	43.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.62%
36) 1,2-Dichloropropane-d6	6.09	67	123085	41.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.18%
41) Toluene-d8	7.34	98	375612	42.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.18%
43) trans-1,3-Dichloropropene-	7.64	79	62375	39.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.96%
47) 2-Hexanone-d5	8.11	63	99686	76.33	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.33%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	162509	40.98	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.96%
64) 1,2-Dichlorobenzene-d4	11.65	152	155627	46.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.76%

Target Compounds

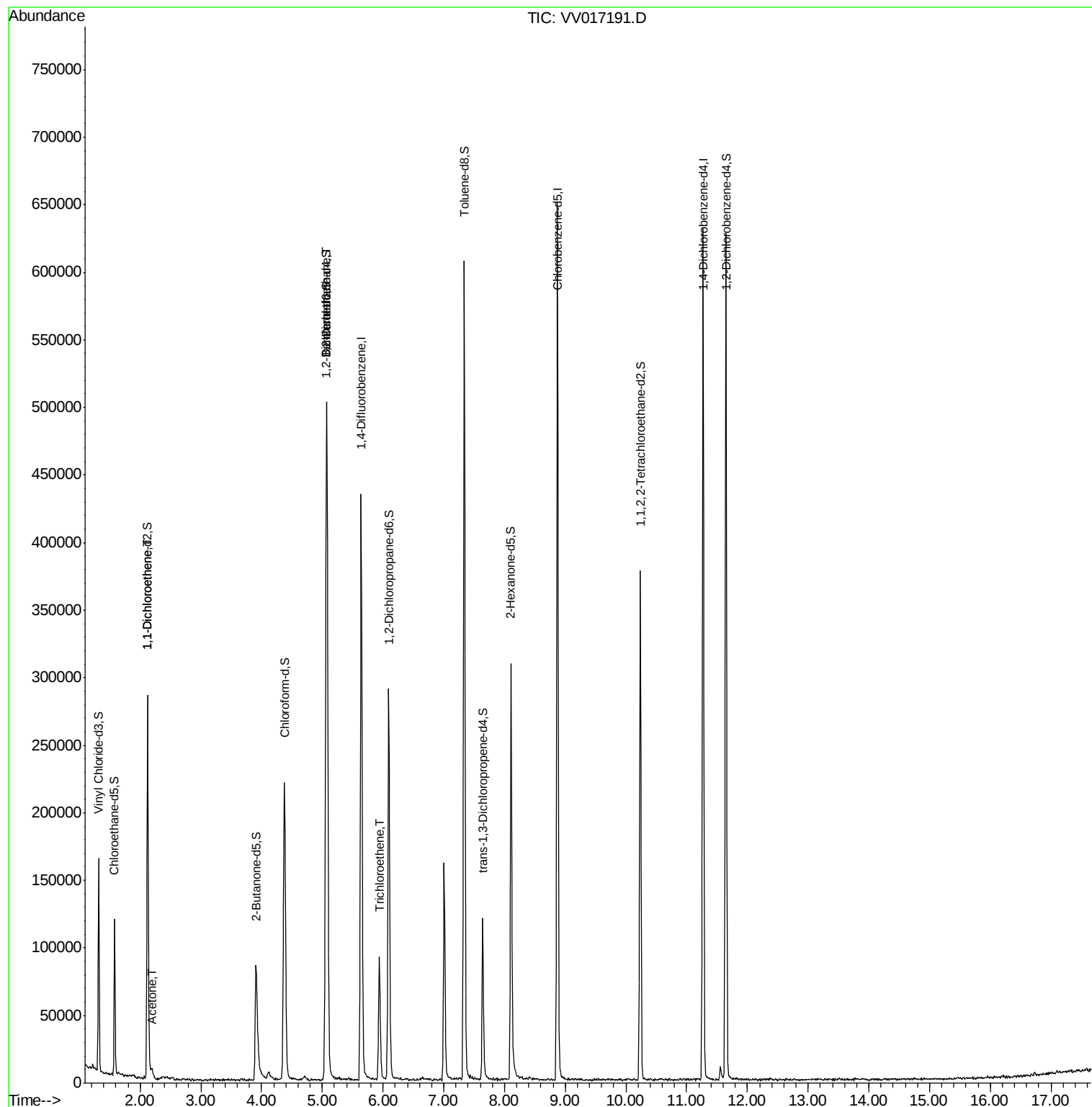
					Ovalue
12) 1,1-Dichloroethene	2.12	96	1519	0.858 ug/L #	1
13) Acetone	2.20	43	9528	7.760 ug/L	77
27) 1,2-Dichloroethane	5.07	62	3106	0.793 ug/L	99
34) Trichloroethene	5.94	95	28960	10.948 ug/L	97

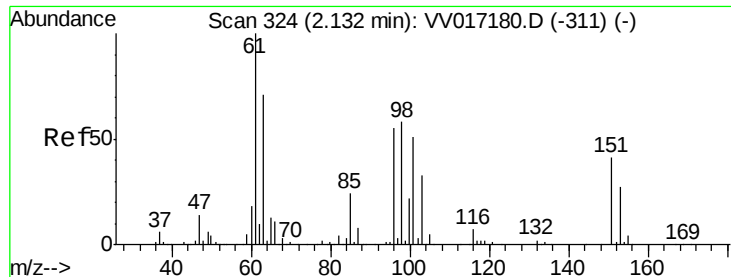
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.858 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017191.D

Acq: 26 Jun 2020 18:59

Instrument :

MSVOA_V

ClientSampled :

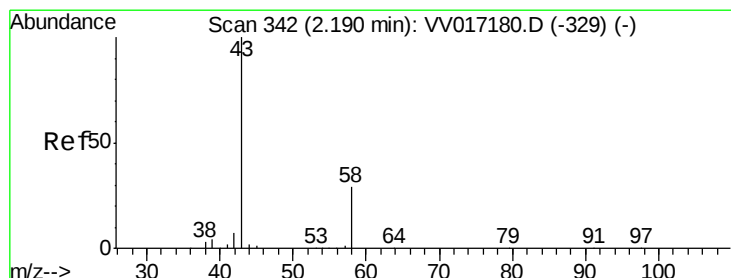
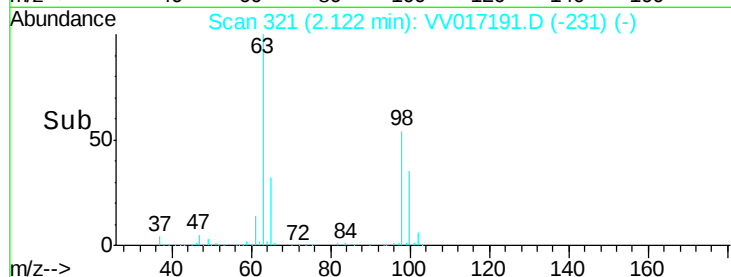
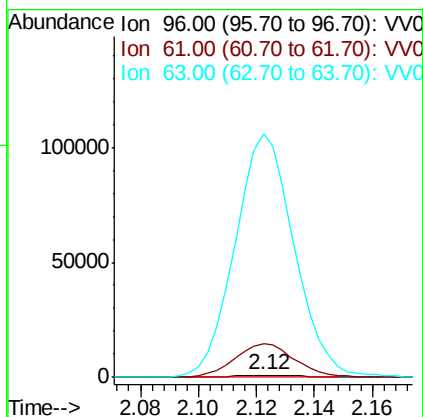
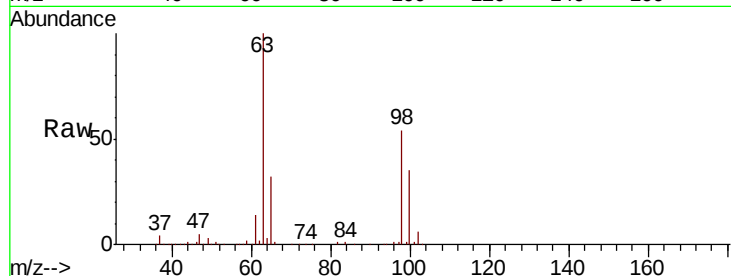
Tot Ion: 96 Resp: 1519

Ion Ratio Lower Upper

96 100

61 1668.1 130.4 242.2#

63 12243.2 103.3 191.9#



#13

Acetone

Concen: 7.760 ug/L

RT: 2.20 min Scan# 344

Delta R.T. 0.01 min

Lab File: VV017191.D

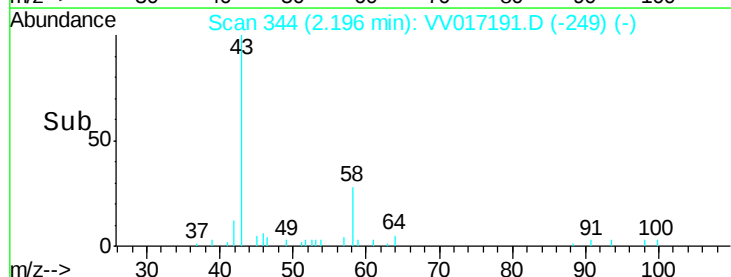
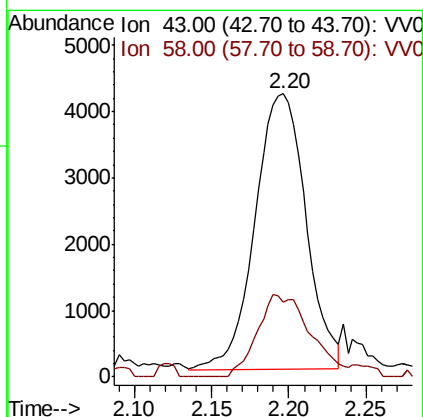
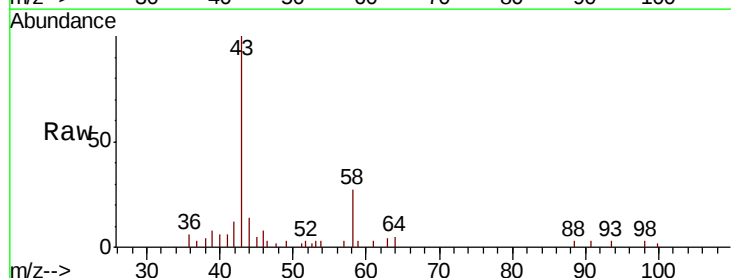
Acq: 26 Jun 2020 18:59

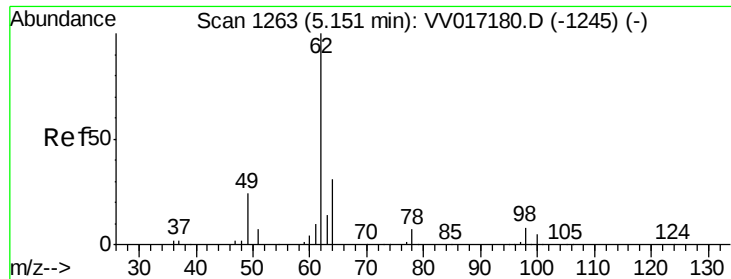
Tgt Ion: 43 Resp: 9528

Ion Ratio Lower Upper

43 100

58 15.7 0.0 55.2

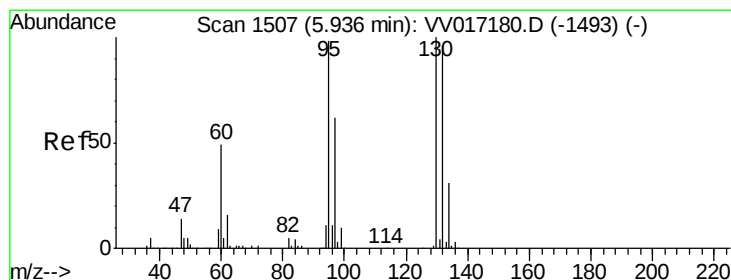
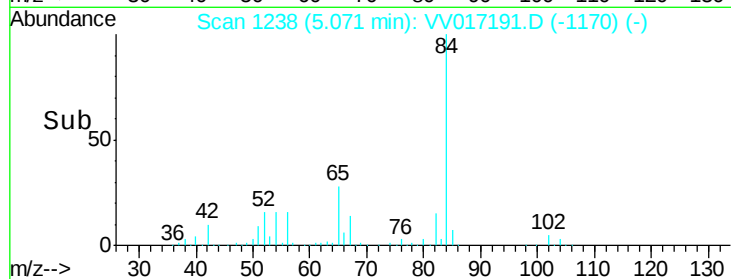
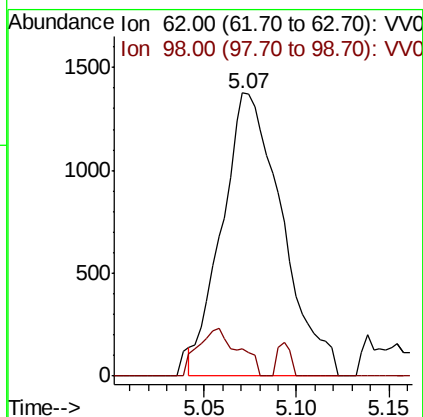
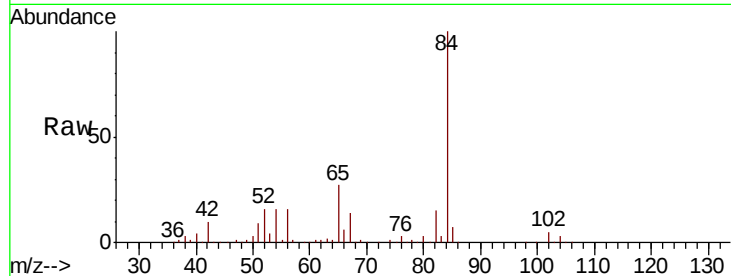




#27
 1,2-Dichloroethane
 Concen: 0.793 ug/L
 RT: 5.07 min Scan# 1238
 Delta R.T. -0.08 min
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Tot Ion: 62 Resp: 3106
 Ion Ratio Lower Upper
 62 100
 98 9.8 7.4 11.2



#34
 Trichloroethene
 Concen: 10.948 ug/L
 RT: 5.94 min Scan# 1508
 Delta R.T. 0.00 min
 Lab File: VV017191.D
 Acq: 26 Jun 2020 18:59

Tgt Ion: 95 Resp: 28960
 Ion Ratio Lower Upper
 95 100
 97 63.9 44.3 82.3
 132 96.1 67.9 126.1
 130 96.9 72.2 134.2

