

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062920\
 Data File : VV017243.D
 Acq On : 29 Jun 2020 16:02
 Operator : SY/MD
 Sample : L3135-09
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9Q59

Quant Time: Jun 30 07:44:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 30 07:40:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	349582	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	328453	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	157200	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	82897	33.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.22%
7) Chloroethane-d5	1.58	69	62059	41.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.86%
11) 1,1-Dichloroethene-d2	2.12	63	137536	33.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.40%
21) 2-Butanone-d5	3.90	46	156514	85.73	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.73%
24) Chloroform-d	4.38	84	222743	44.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.82%
26) 1,2-Dichloroethane-d4	5.06	65	160997	47.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.38%
32) Benzene-d6	5.08	84	407199	43.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.02%
36) 1,2-Dichloropropane-d6	6.09	67	124306	42.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.24%
41) Toluene-d8	7.34	98	372719	42.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.80%
43) trans-1,3-Dichloropropene-	7.64	79	64937	42.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.50%
47) 2-Hexanone-d5	8.11	63	101271	78.71	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.71%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	166716	42.67	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.34%
64) 1,2-Dichlorobenzene-d4	11.65	152	157058	46.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.64%

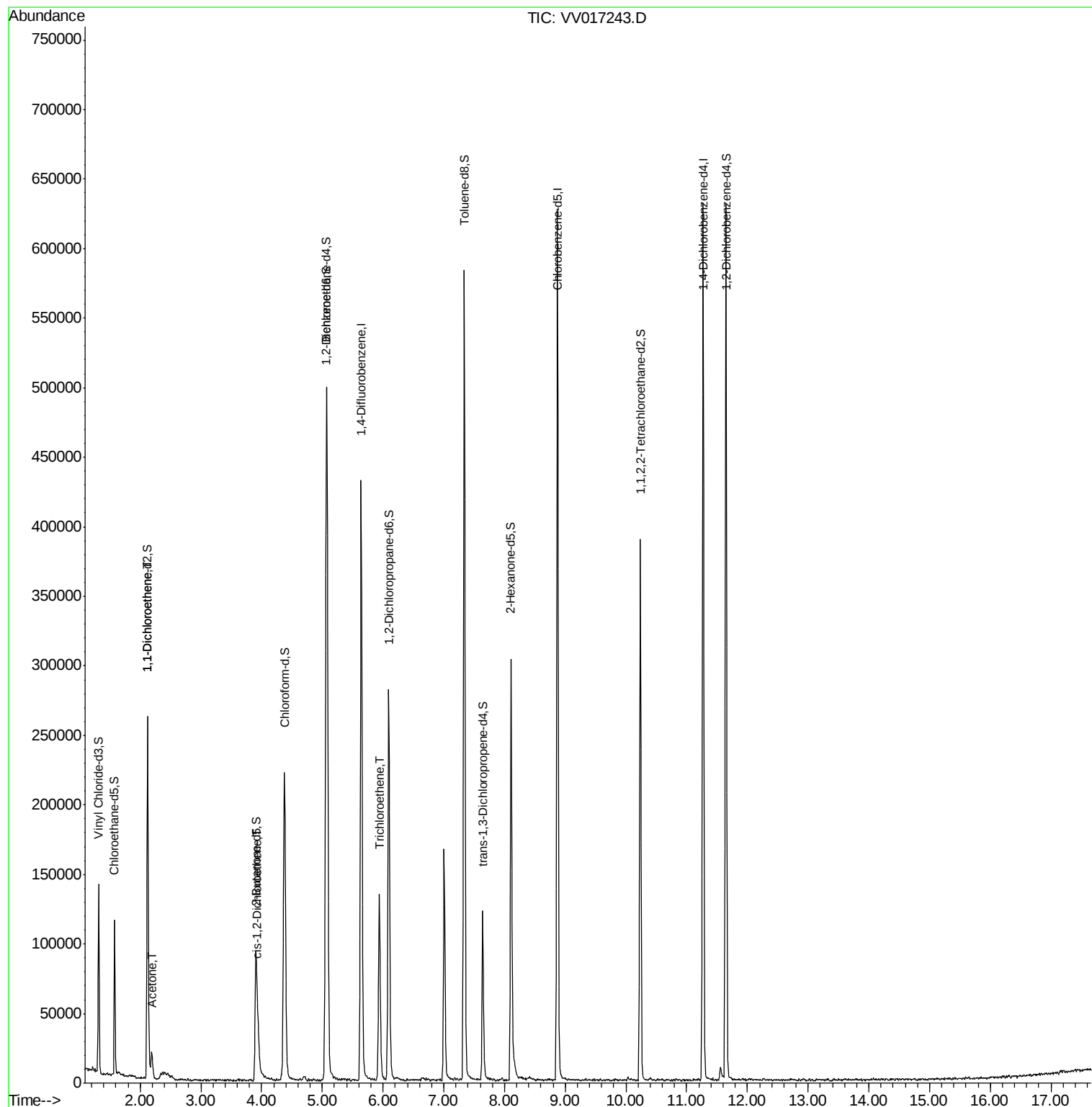
Target Compounds					Ovalue
12) 1,1-Dichloroethene	2.13	96	1248	0.719 ug/L #	1
13) Acetone	2.19	43	24887	20.689 ug/L	99
20) cis-1,2-Dichloroethene	3.94	96	9596	3.721 ug/L #	98
34) Trichloroethene	5.94	95	44126	16.930 ug/L	96

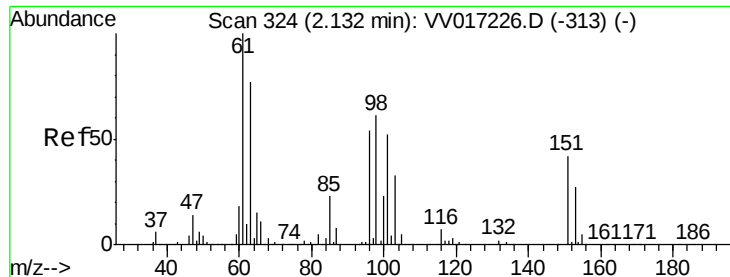
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.719 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV017243.D

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Instrument :

MSVOA_V

ClientSampleId :

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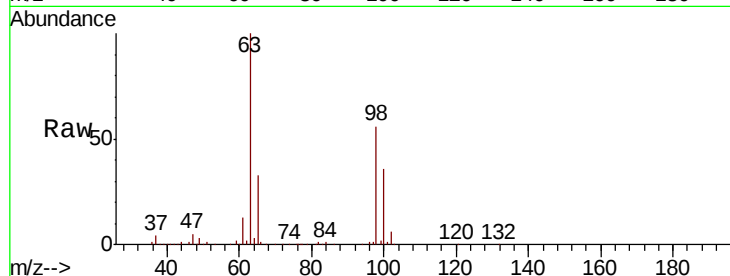
Tot Ion: 96 Resp: 1248

Ion Ratio Lower Upper

96 100

61 1617.6 130.4 242.2#

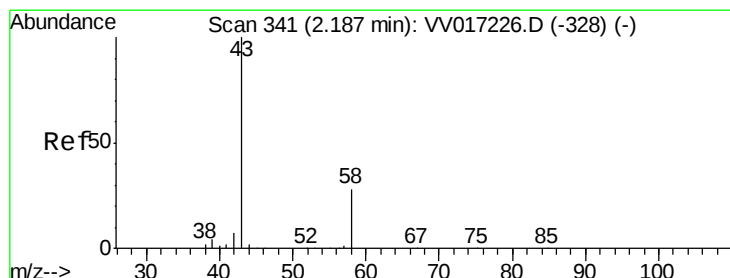
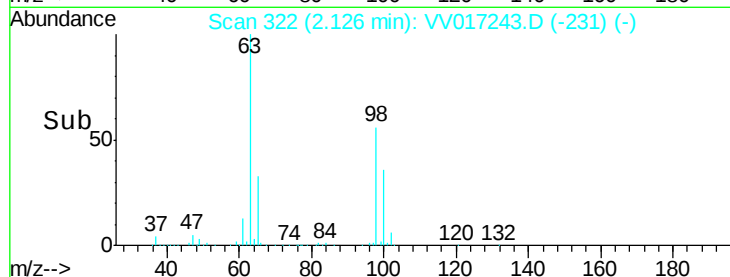
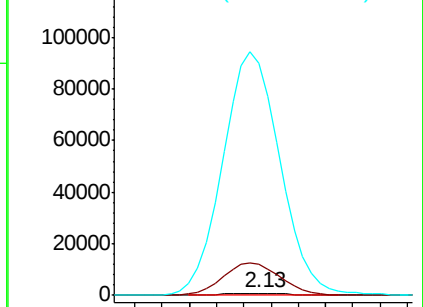
63 12280.1 103.3 191.9#



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



#13

Acetone

Concen: 20.689 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.01 min

Lab File: VV017243.D

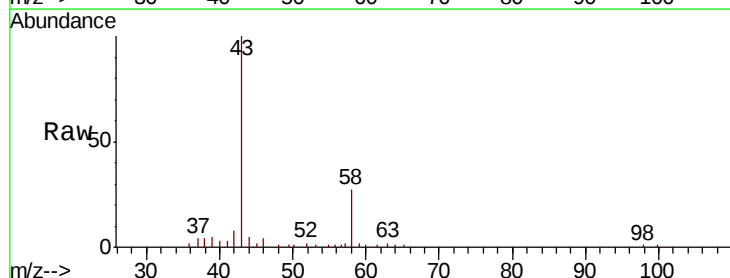
Acq: 29 Jun 2020 16:02

Tgt Ion: 43 Resp: 24887

Ion Ratio Lower Upper

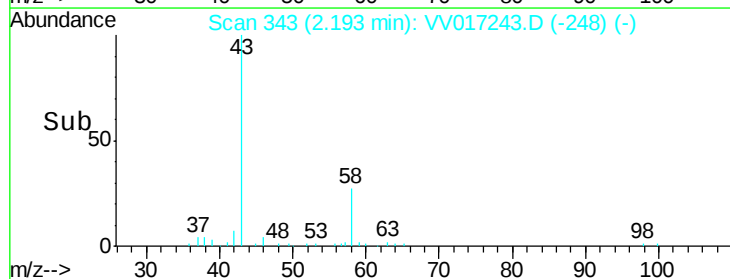
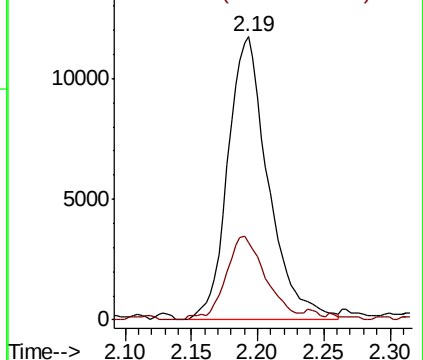
43 100

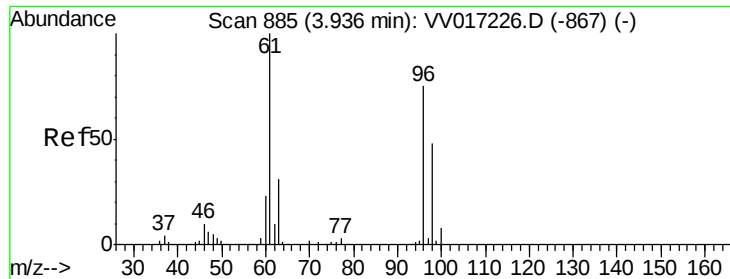
58 28.0 0.0 55.2



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



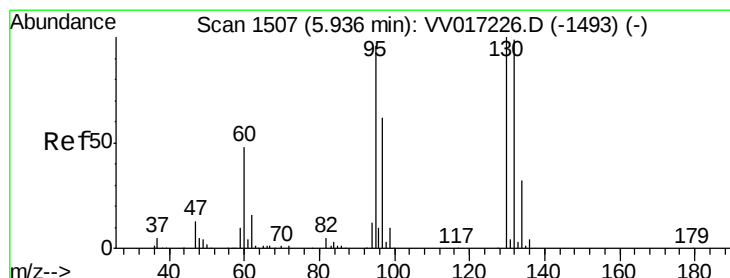
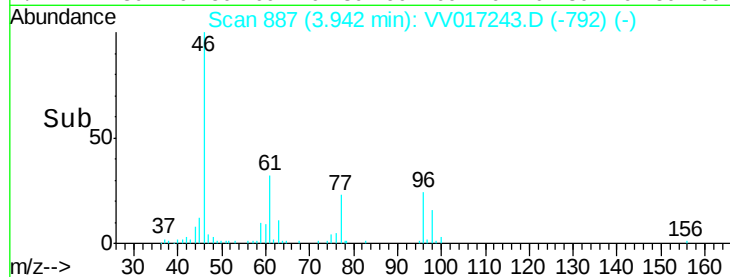
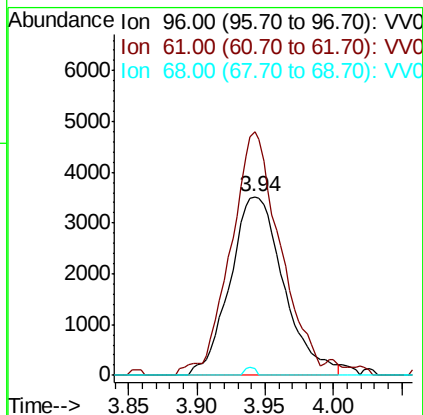
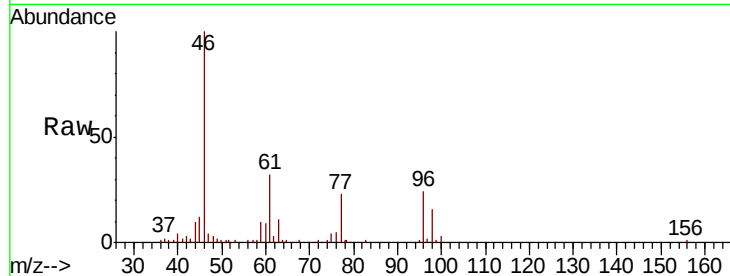


#20

cis-1,2-Dichloroethene
Concen: 3.721 ug/L
RT: 3.94 min Scan# 887
Delta R.T. 0.01 min
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Tot Ion: 96 Resp: 9596
Ion Ratio Lower Upper
96 100
61 136.1 93.4 173.4
68 3.7 0.0 0.0#



#34

Trichloroethene
Concen: 16.930 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. 0.00 min
Lab File: VV017243.D
Acq: 29 Jun 2020 16:02

Tgt Ion: 95 Resp: 44126
Ion Ratio Lower Upper
95 100
97 61.5 44.3 82.3
132 102.7 67.9 126.1
130 105.8 72.2 134.2

