

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062620\
 Data File : VV017185.D
 Acq On : 26 Jun 2020 16:40
 Operator : SY/MD
 Sample : L3103-04
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 27 00:26:17 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	282811	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	268634	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	125364	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	94345	47.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.56%
7) Chloroethane-d5	1.58	69	68068	56.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	113.70%
11) 1,1-Dichloroethene-d2	2.12	63	144741	43.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.38%
21) 2-Butanone-d5	3.91	46	140526	95.14	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.14%
24) Chloroform-d	4.38	84	211660	52.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.32%
26) 1,2-Dichloroethane-d4	5.06	65	151692	54.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.92%
32) Benzene-d6	5.08	84	400612	51.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.46%
36) 1,2-Dichloropropane-d6	6.09	67	117651	48.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.48%
41) Toluene-d8	7.34	98	354640	49.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.82%
43) trans-1,3-Dichloropropene-	7.64	79	60976	48.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.00%
47) 2-Hexanone-d5	8.11	63	94342	89.65	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.65%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	154774	48.44	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.88%
64) 1,2-Dichlorobenzene-d4	11.65	152	145920	54.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.08%

Target Compounds

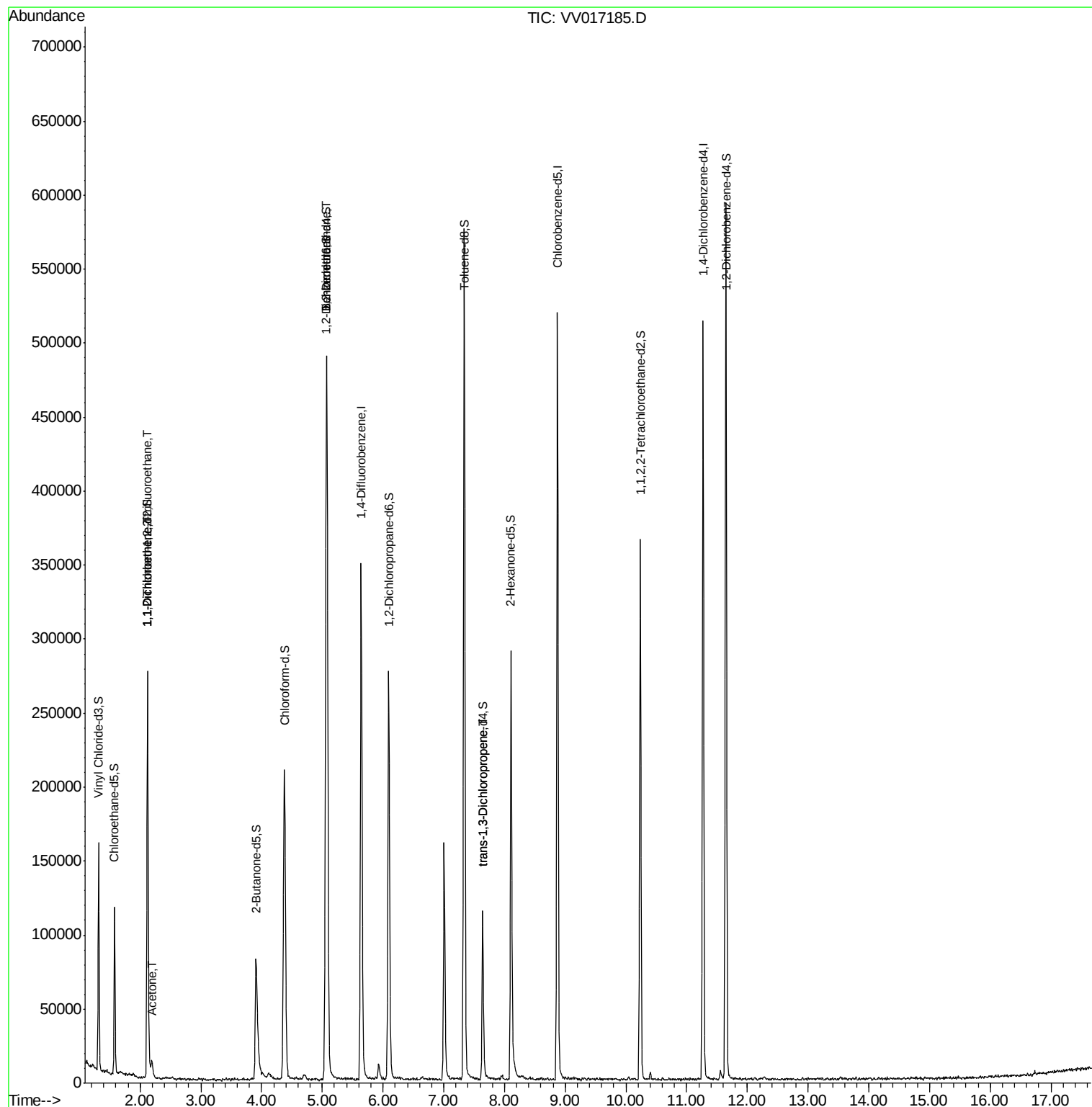
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1484	0.987 ug/L #	23
12) 1,1-Dichloroethene	2.13	96	1377	0.981 ug/L #	1
13) Acetone	2.19	43	15818	16.254 ug/L	94
27) 1,2-Dichloroethane	5.08	62	3251	1.048 ug/L	99
44) trans-1,3-Dichloropropene	7.64	75	3120	1.000 ug/L #	81

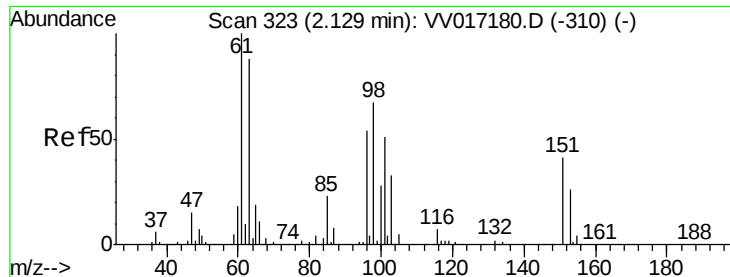
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jun 27 00:23:55 2020
Response via : Initial Calibration





#10

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

Concen: 0.987 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

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MSVOA_V

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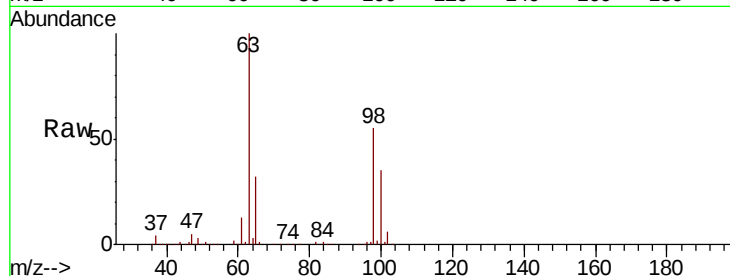
Tot Ion:101 Resp: 1484

Ion Ratio Lower Upper

101 100

85 9.8 35.5 53.3#

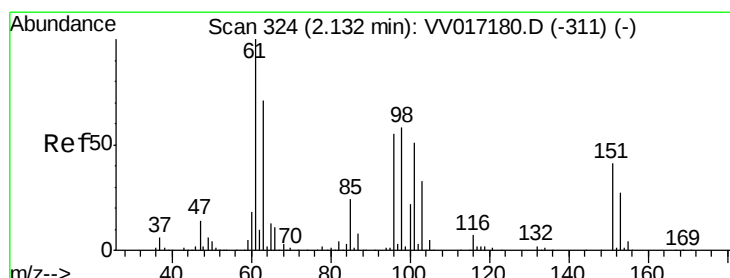
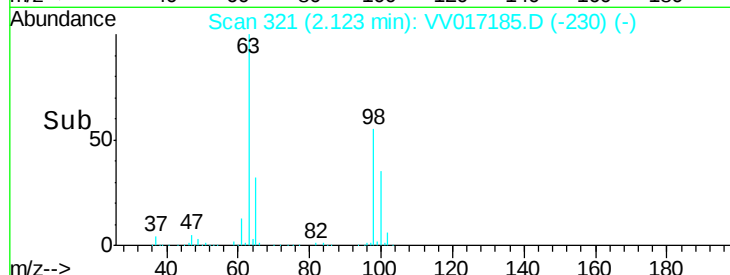
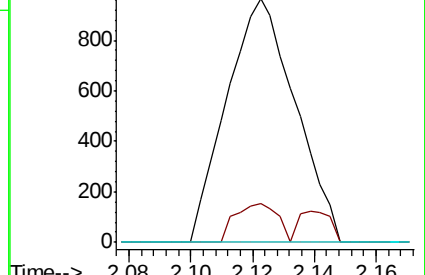
151 0.0 63.9 95.9#



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



#12

1,1-Dichloroethene

Concen: 0.981 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV017185.D

Acq: 26 Jun 2020 16:40

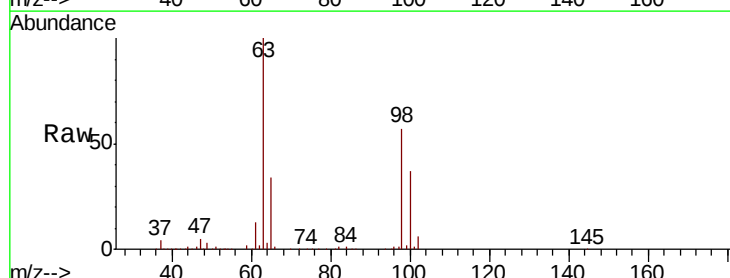
Tgt Ion: 96 Resp: 1377

Ion Ratio Lower Upper

96 100

61 1488.6 130.4 242.2#

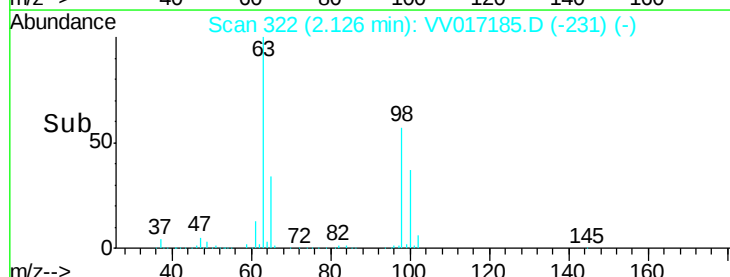
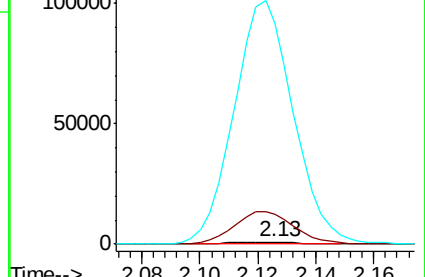
63 11049.3 103.3 191.9#

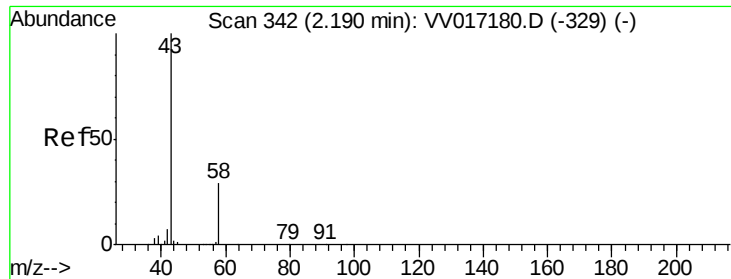


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 16.254 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.00 min

Lab File: VV017185.D

Acq: 26 Jun 2020 16:40

Instrument :

MSVOA_V

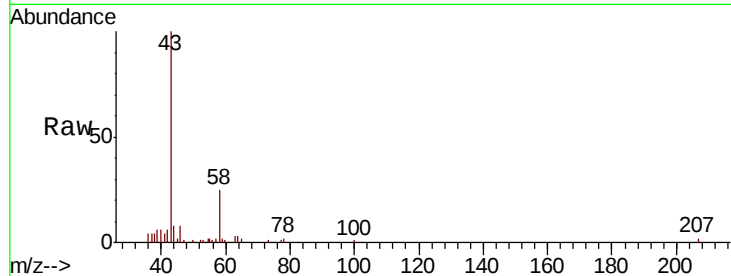
ClientSampleId :

Tot Ion: 43 Resp: 15818

Ion Ratio Lower Upper

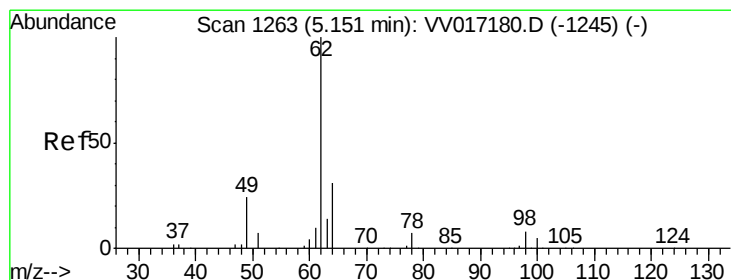
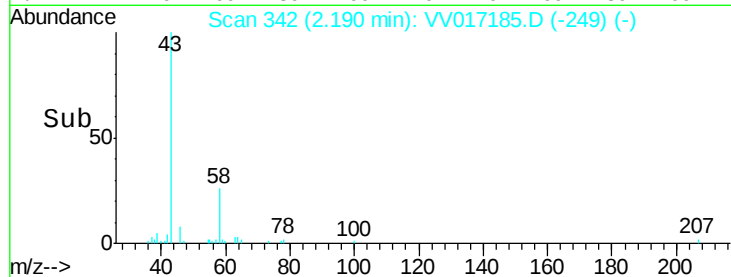
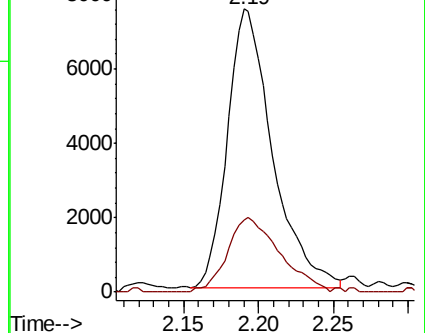
43 100

58 30.9 0.0 55.2



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#27

1,2-Dichloroethane

Concen: 1.048 ug/L

RT: 5.08 min Scan# 1240

Delta R.T. -0.07 min

Lab File: VV017185.D

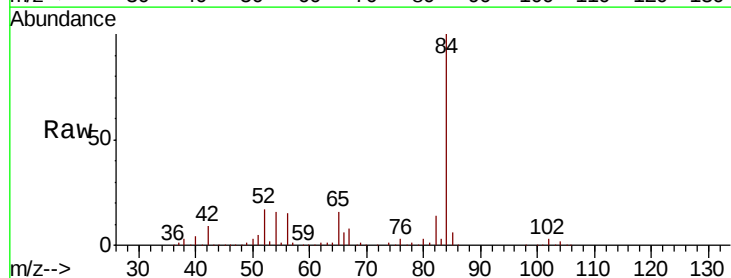
Acq: 26 Jun 2020 16:40

Tgt Ion: 62 Resp: 3251

Ion Ratio Lower Upper

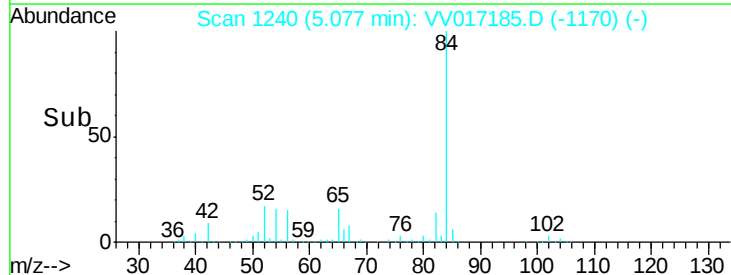
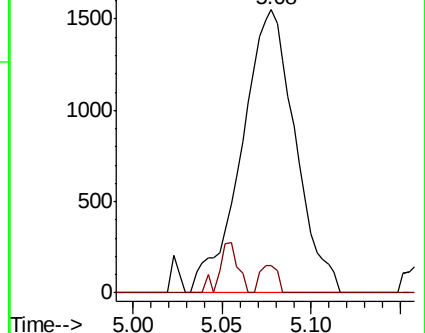
62 100

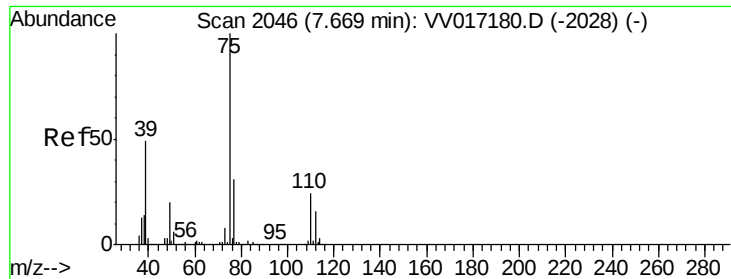
98 9.5 7.4 11.2



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.00 (97.70 to 98.70): VV0





#44

trans-1,3-Dichloropropene

Concen: 1.000 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. -0.03 min

Lab File: VV017185.D

Acq: 26 Jun 2020 16:40

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 75 Resp: 3120

Ion Ratio Lower Upper

75 100

77 41.6 21.7 40.3#

