

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121420\
 Data File : VV019625.D
 Acq On : 15 Dec 2020 00:17
 Operator : SY/MD
 Sample : L5024-16
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AZ0

Quant Time: Dec 15 10:30:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 15 10:26:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	588868	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	548530	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	248995	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	197302	46.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.44%
7) Chloroethane-d5	1.57	69	171630	51.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.06%
11) 1,1-Dichloroethene-d2	2.11	63	299183	38.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.34%
21) 2-Butanone-d5	3.90	46	278348	121.28	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	121.28%
24) Chloroform-d	4.35	84	388191	51.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.02%
26) 1,2-Dichloroethane-d4	5.04	65	273823	55.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.12%
32) Benzene-d6	5.05	84	776000	53.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.08%
36) 1,2-Dichloropropane-d6	6.07	67	250201	54.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.20%
41) Toluene-d8	7.32	98	677359	51.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.84%
43) trans-1,3-Dichloropropene-	7.62	79	119222	45.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.48%
47) 2-Hexanone-d5	8.09	63	193432	107.54	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.54%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	321379	51.85	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.70%
64) 1,2-Dichlorobenzene-d4	11.63	152	252068	54.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.32%

Target Compounds

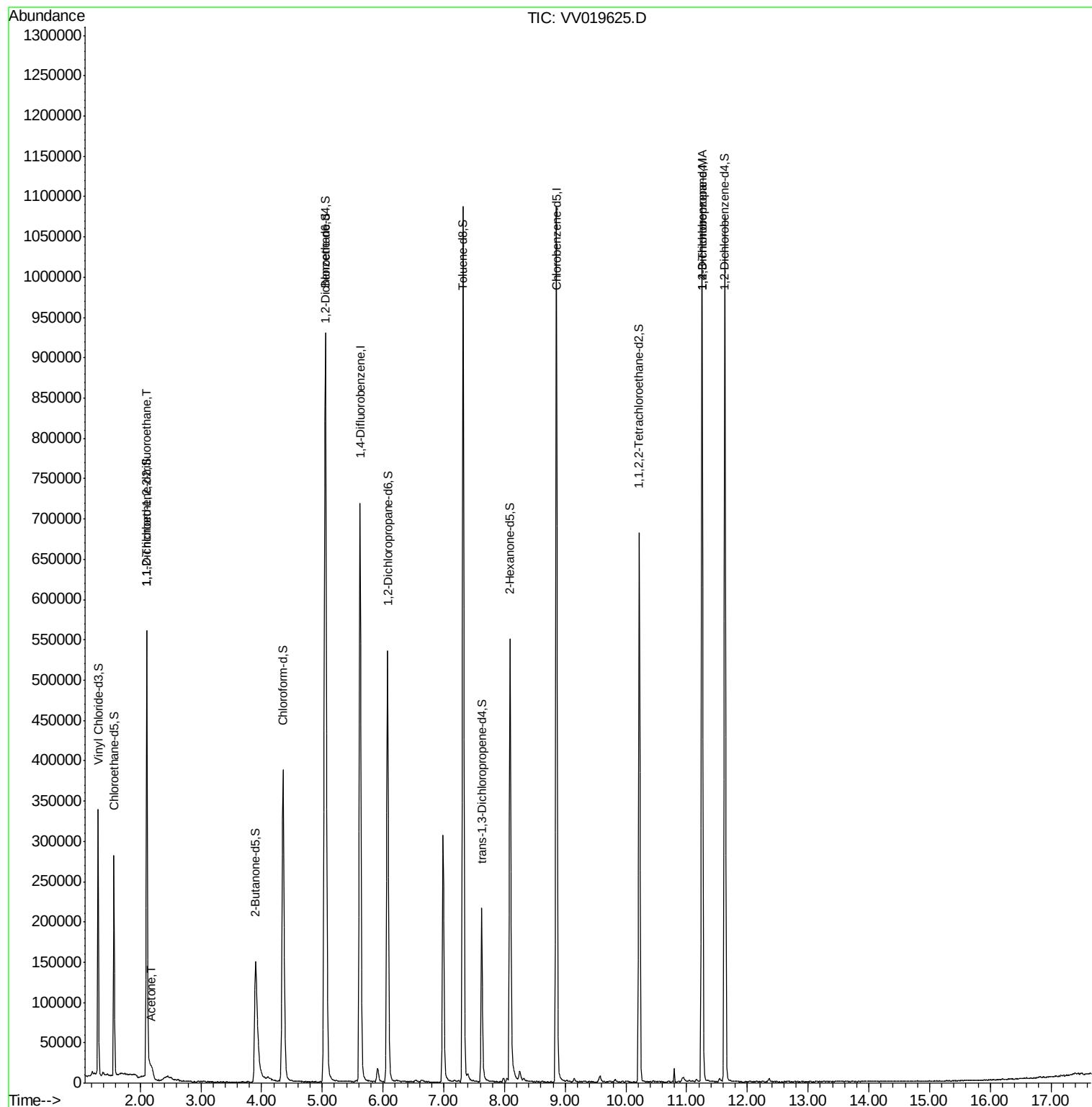
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	2698	0.789 ug/L	# 22
13) Acetone	2.19	43	22584	11.550 ug/L	94
59) 1,2,3-Trichloropropane	11.25	75	33773	6.486 ug/L	89

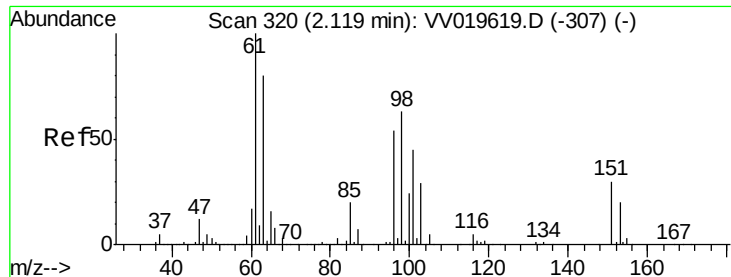
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.789 ug/L

RT: 2.11 min Scan# 317

Delta R.T. -0.01 min

Lab File: VV019625.D

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MSVOA_V

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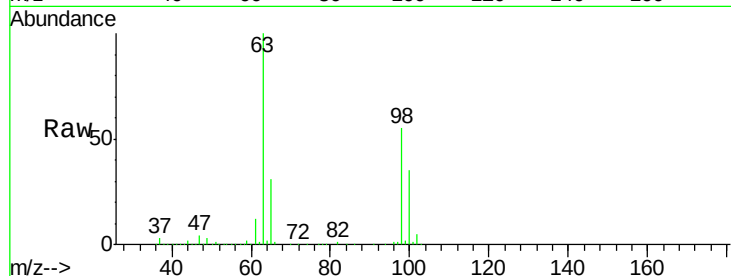
Tgt Ion: 101 Resp: 2698

Ion Ratio Lower Upper

101 100

85 1.6 35.0 52.4#

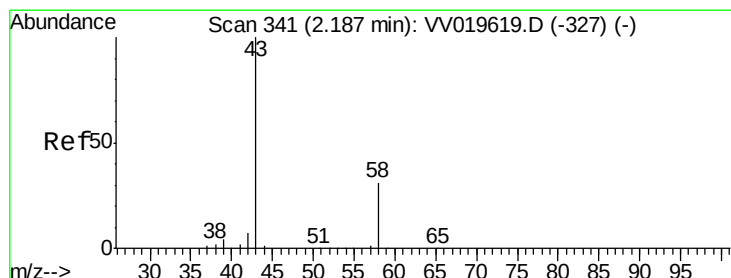
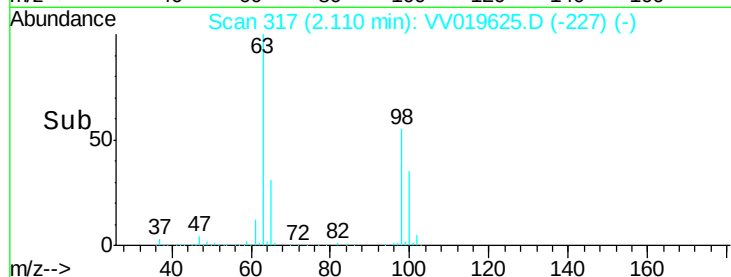
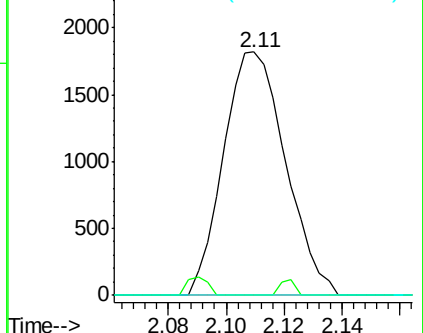
151 0.0 55.8 83.8#



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



#13

Acetone

Concen: 11.550 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.01 min

Lab File: VV019625.D

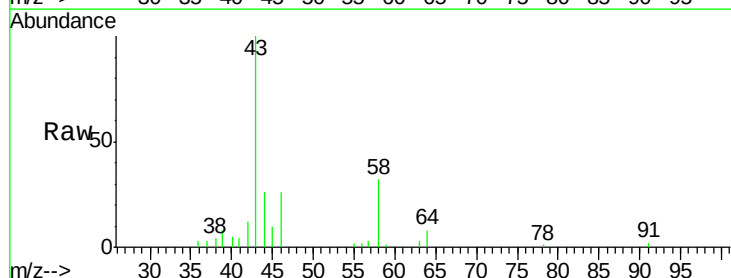
Acq: 15 Dec 2020 00:17

Tgt Ion: 43 Resp: 22584

Ion Ratio Lower Upper

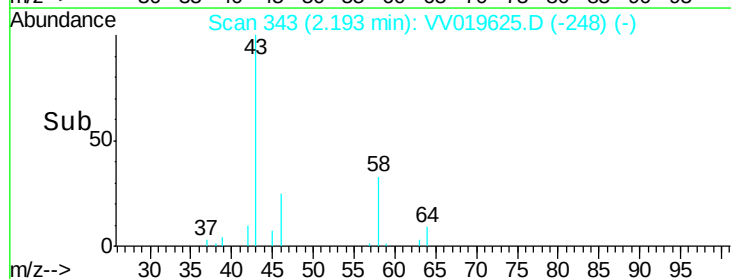
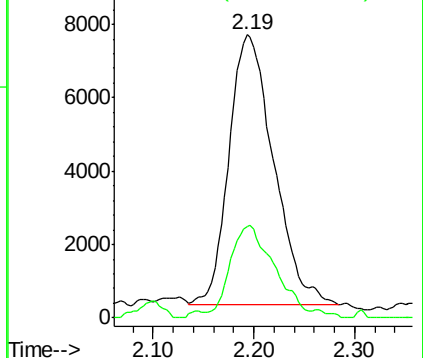
43 100

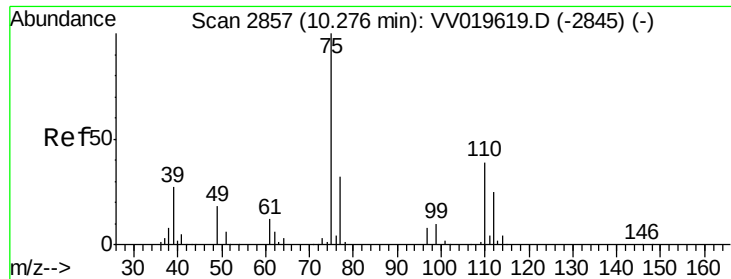
58 34.1 0.0 61.6



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0





#59
 1,2,3-Trichloropropane
 Concen: 6.486 ug/L
 RT: 11.25 min Scan# 3161
 Delta R.T. 0.98 min
 Lab File: VV019625.D
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Tgt Ion: 75 Resp: 33773
 Ion Ratio Lower Upper
 75 100
 77 38.5 25.8 38.8

