

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120320\
 Data File : VV019461.D
 Acq On : 03 Dec 2020 16:53
 Operator : SY/MD
 Sample : L4920-10
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4D1

Quant Time: Dec 04 08:05:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM112320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 04 08:04:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	339748	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	340570	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	156227	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	108561	31.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	63.98%
7) Chloroethane-d5	1.57	69	104132	37.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.42%
11) 1,1-Dichloroethene-d2	2.12	63	195082	32.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.60%
21) 2-Butanone-d5	3.89	46	214739	103.83	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.83%
24) Chloroform-d	4.37	84	251932	45.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.86%
26) 1,2-Dichloroethane-d4	5.05	65	179239	49.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.84%
32) Benzene-d6	5.07	84	492582	48.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.84%
36) 1,2-Dichloropropane-d6	6.09	67	171512	51.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.38%
41) Toluene-d8	7.33	98	416929	46.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.44%
43) trans-1,3-Dichloropropene-	7.64	79	73603	45.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.96%
47) 2-Hexanone-d5	8.10	63	103168	78.16	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.16%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	180275	41.57	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.14%
64) 1,2-Dichlorobenzene-d4	11.65	152	154745	51.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.02%

Target Compounds

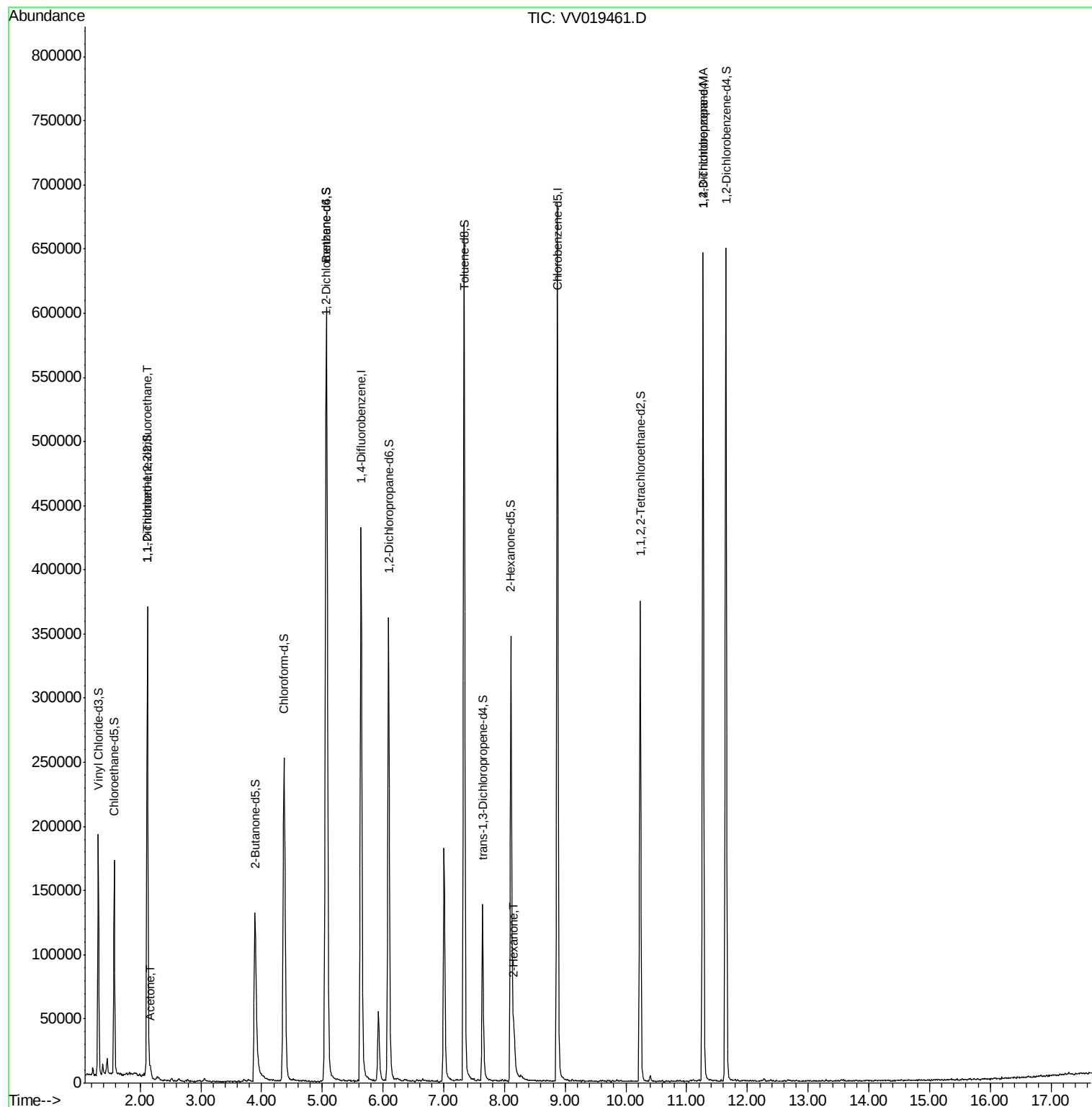
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1645	0.690 ug/L #	28
13) Acetone	2.17	43	6236	3.943 ug/L	95
48) 2-Hexanone	8.16	43	22151	7.055 ug/L #	79
59) 1,2,3-Trichloropropane	11.27	75	21064	5.704 ug/L	94

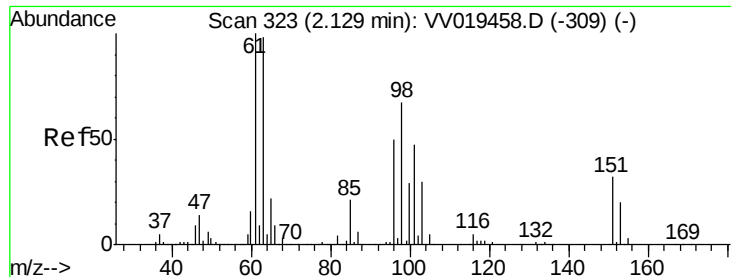
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.690 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV019461.D

Acq: 03 Dec 2020 16:53

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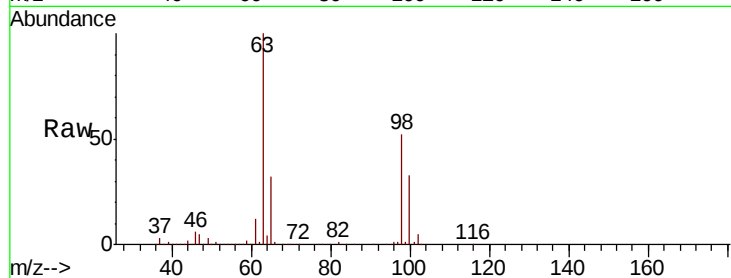
Tot Ion:101 Resp: 1645

Ion Ratio Lower Upper

101 100

85 8.1 35.5 53.3#

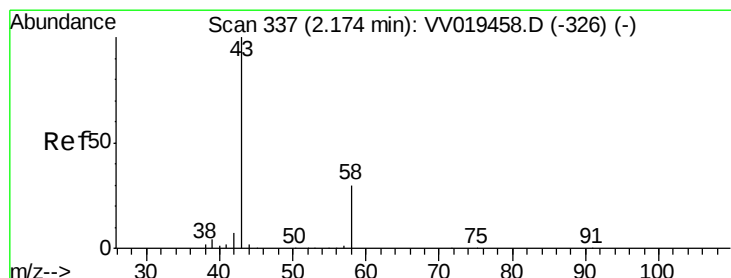
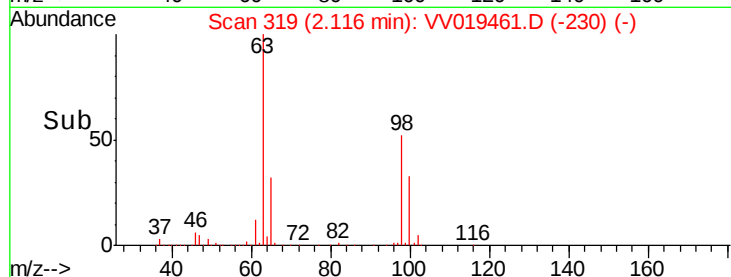
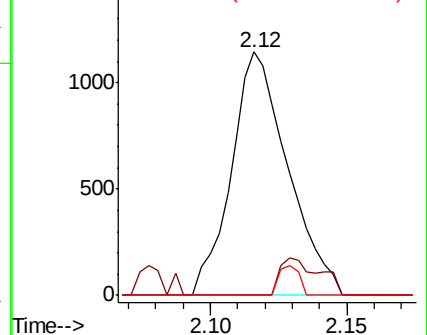
151 4.4 58.9 88.3#



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: 3.943 ug/L

RT: 2.17 min Scan# 336

Delta R.T. -0.00 min

Lab File: VV019461.D

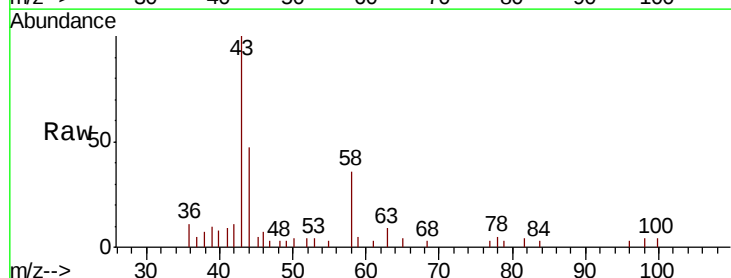
Acq: 03 Dec 2020 16:53

Tgt Ion: 43 Resp: 6236

Ion Ratio Lower Upper

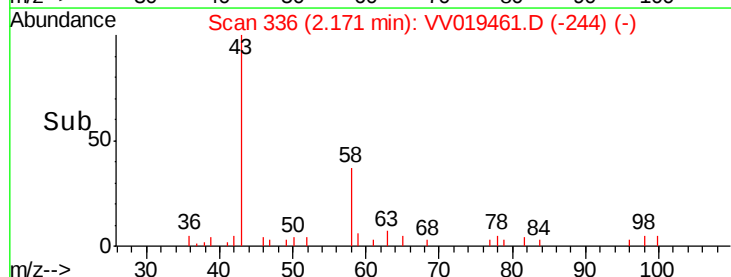
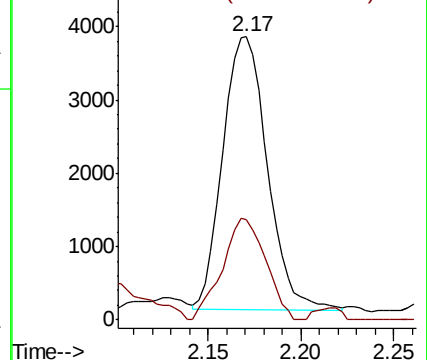
43 100

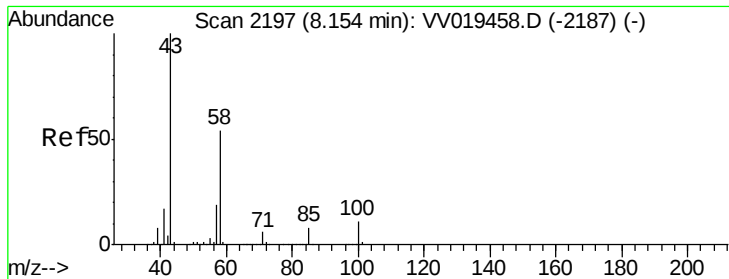
58 35.9 0.0 66.4



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

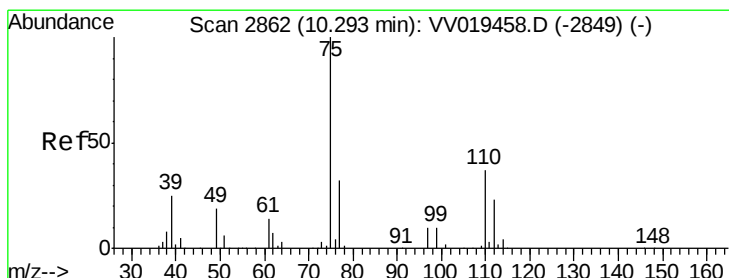
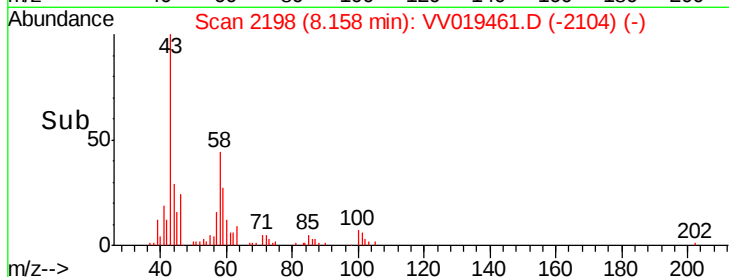
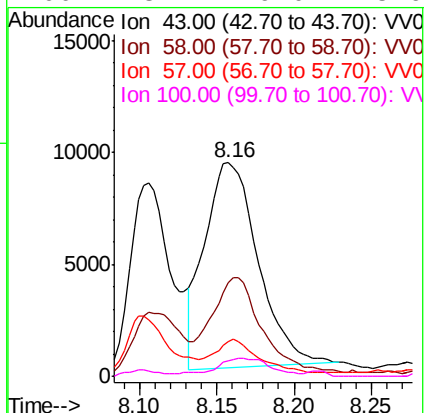
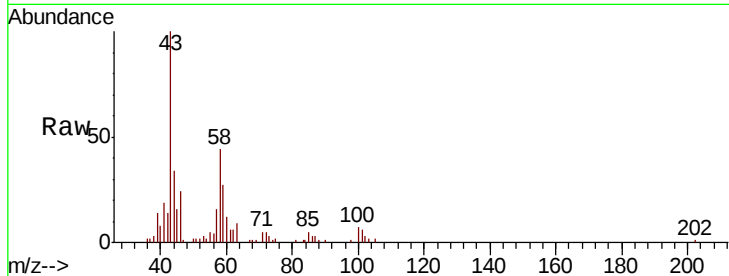




#48
 2-Hexanone
 Concen: 7.055 ug/L
 RT: 8.16 min Scan# 2198
 Delta R.T. 0.00 min
 Lab File: VV019461.D
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Tot Ion	Ratio	Lower	Upper
43	100		
58	37.5	43.8	65.6#
57	14.3	15.4	23.2#
100	3.2	9.0	13.6#



#59
 1,2,3-Trichloropropane
 Concen: 5.704 ug/L
 RT: 11.27 min Scan# 3165
 Delta R.T. 0.97 min
 Lab File: VV019461.D
 Acq: 03 Dec 2020 16:53

Tgt Ion	Ratio	Lower	Upper
75	100		
77	34.7	25.2	37.8

