

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV122320\
 Data File : VV019812.D
 Acq On : 23 Dec 2020 15:21
 Operator : SY/MD
 Sample : L5206-03
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4P3

Quant Time: Dec 23 22:06:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 23 22:04:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	616287	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	573398	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.26	152	274758	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	219017	49.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.12%
7) Chloroethane-d5	1.57	69	179077	51.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.76%
11) 1,1-Dichloroethene-d2	2.11	63	320501	39.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.16%
21) 2-Butanone-d5	3.89	46	302276	125.84	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	125.84%
24) Chloroform-d	4.35	84	396814	49.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.64%
26) 1,2-Dichloroethane-d4	5.04	65	277398	53.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.58%
32) Benzene-d6	5.05	84	792054	51.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.58%
36) 1,2-Dichloropropane-d6	6.07	67	257132	53.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.34%
41) Toluene-d8	7.32	98	694388	50.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.86%
43) trans-1,3-Dichloropropene-	7.63	79	117149	42.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.98%
47) 2-Hexanone-d5	8.09	63	171550	91.24	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.24%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	292920	45.21	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.42%
64) 1,2-Dichlorobenzene-d4	11.63	152	254465	49.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.10%

Target Compounds

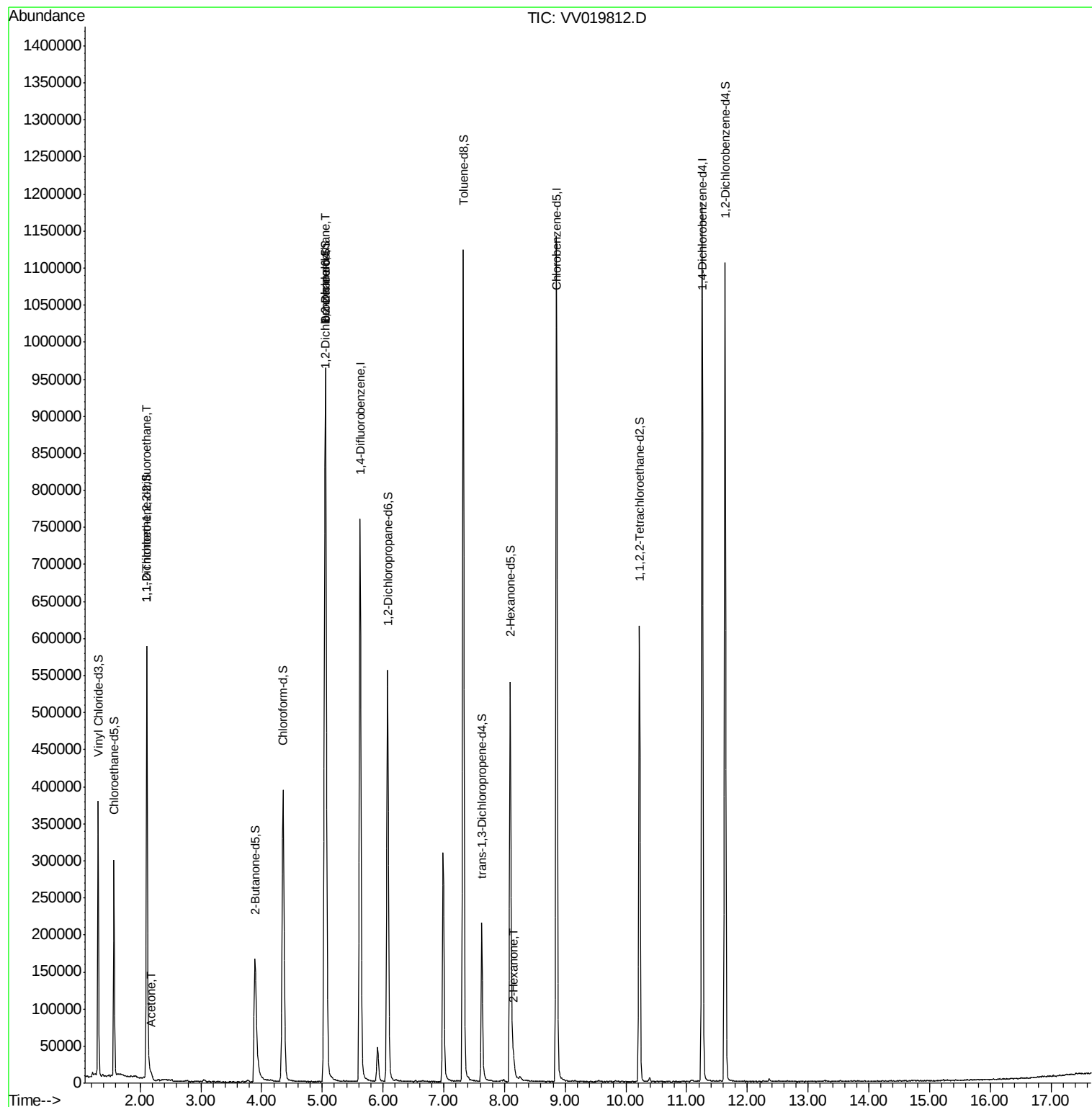
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	2715	0.759 ug/L #	24
13) Acetone	2.18	43	9447	4.617 ug/L	94
27) 1,2-Dichloroethane	5.05	62	5327	0.825 ug/L	98
48) 2-Hexanone	8.15	43	16424	3.428 ug/L #	73

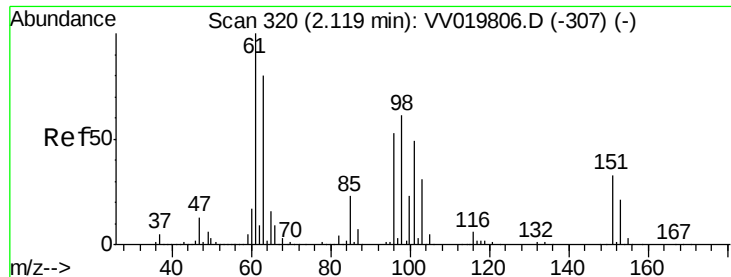
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.759 ug/L

RT: 2.11 min Scan# 317

Delta R.T. -0.01 min

Lab File: VV019812.D

Acq: 23 Dec 2020 15:21

Instrument :

MSVOA_V

ClientSampleId :

BG4P3

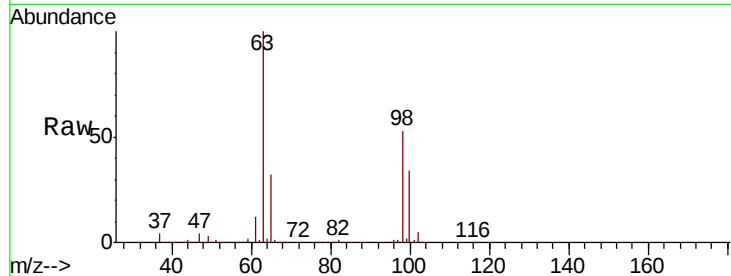
Tot Ion:101 Resp: 2715

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

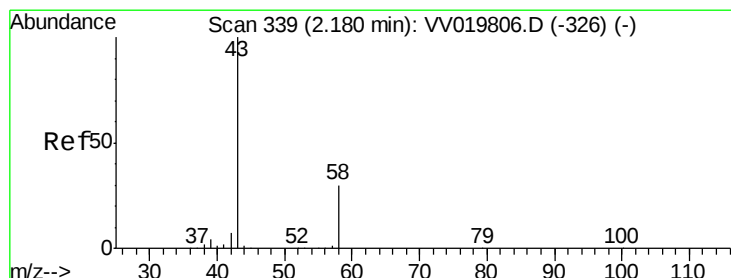
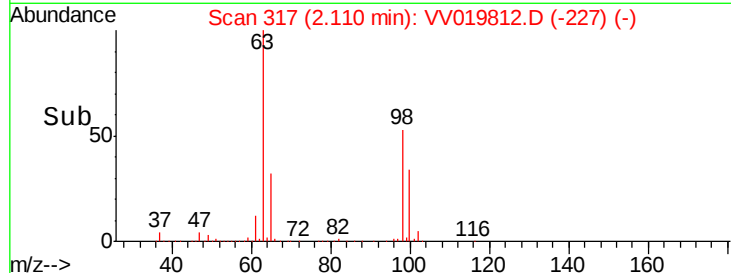
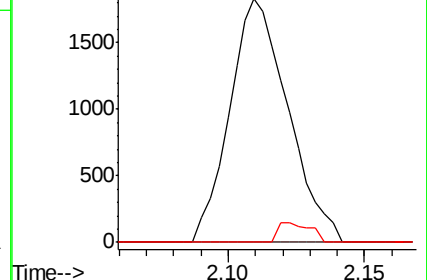
151 3.7 55.8 83.8#



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: 4.617 ug/L

RT: 2.18 min Scan# 339

Delta R.T. -0.00 min

Lab File: VV019812.D

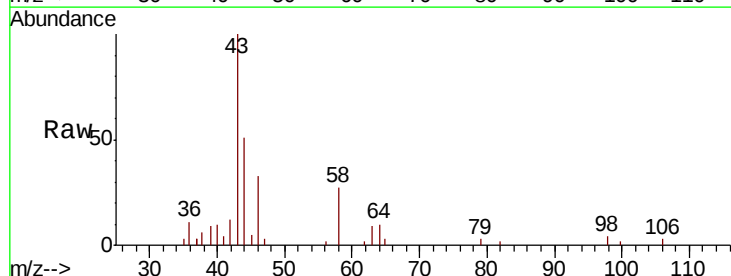
Acq: 23 Dec 2020 15:21

Tgt Ion: 43 Resp: 9447

Ion Ratio Lower Upper

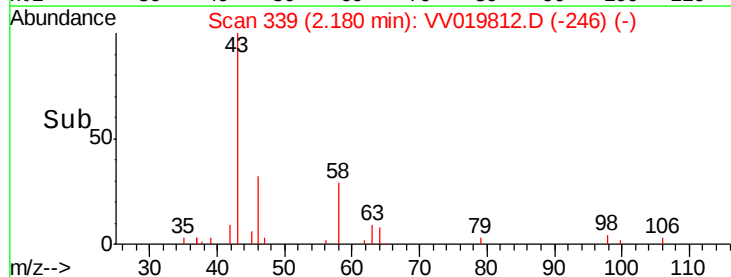
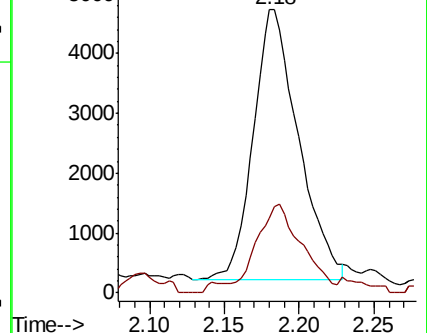
43 100

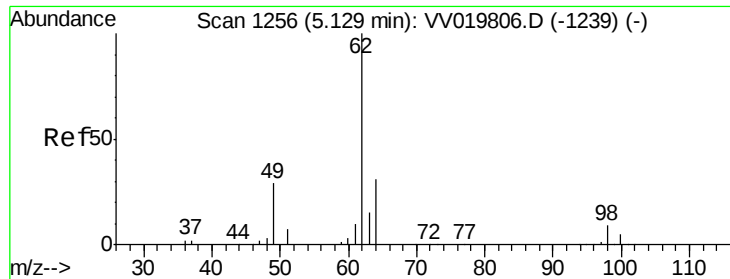
58 27.6 0.0 61.6



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

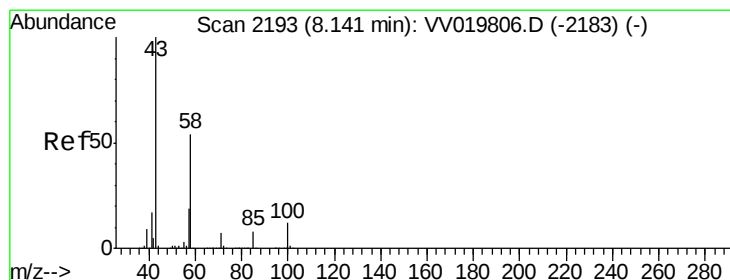
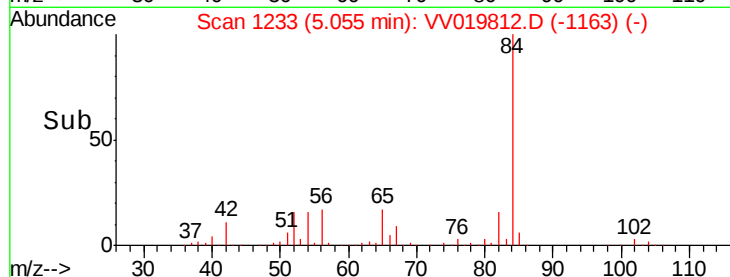
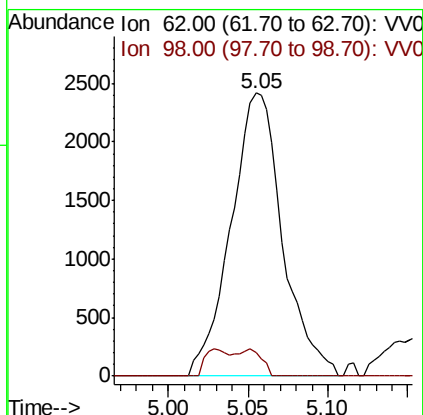
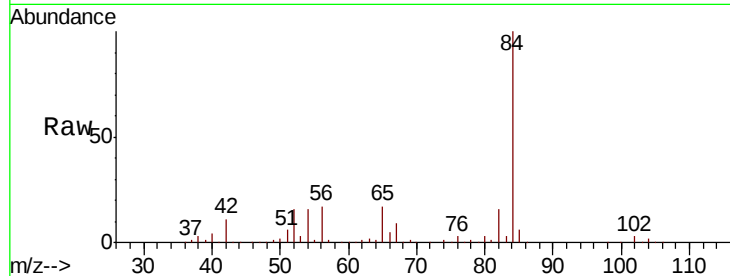




#27
 1,2-Dichloroethane
 Concen: 0.825 ug/L
 RT: 5.05 min Scan# 1233
 Delta R.T. -0.07 min
 Lab File: VV019812.D
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Instrument :
 MSVOA_V
 ClientSampled :
 BG4P3

Tot Ion: 62 Resp: 5327
 Ion Ratio Lower Upper
 62 100
 98 8.4 7.4 11.0



#48
 2-Hexanone
 Concen: 3.428 ug/L
 RT: 8.15 min Scan# 2196
 Delta R.T. 0.01 min
 Lab File: VV019812.D
 Acq: 23 Dec 2020 15:21

Tgt Ion: 43 Resp: 16424
 Ion Ratio Lower Upper
 43 100
 58 37.1 44.4 66.6#
 57 4.0 15.7 23.5#
 100 3.4 9.9 14.9#

