

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV122220\
 Data File : VV019791.D
 Acq On : 22 Dec 2020 12:51
 Operator : SY/MD
 Sample : L5173-04
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4N9

Quant Time: Dec 23 01:06:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 23 01:05:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	699639	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	655304	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	315885	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	253826	50.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.18%
7) Chloroethane-d5	1.57	69	203027	51.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.62%
11) 1,1-Dichloroethene-d2	2.11	63	366332	39.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.68%
21) 2-Butanone-d5	3.88	46	322251	118.18	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	118.18%
24) Chloroform-d	4.35	84	438387	48.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.96%
26) 1,2-Dichloroethane-d4	5.03	65	301946	51.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.20%
32) Benzene-d6	5.05	84	888063	50.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.62%
36) 1,2-Dichloropropane-d6	6.07	67	283699	51.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.64%
41) Toluene-d8	7.32	98	769196	48.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.76%
43) trans-1,3-Dichloropropene-	7.62	79	135626	43.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.10%
47) 2-Hexanone-d5	8.09	63	187059	87.06	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.06%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	313564	42.34	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.68%
64) 1,2-Dichlorobenzene-d4	11.63	152	277537	47.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.00%

Target Compounds

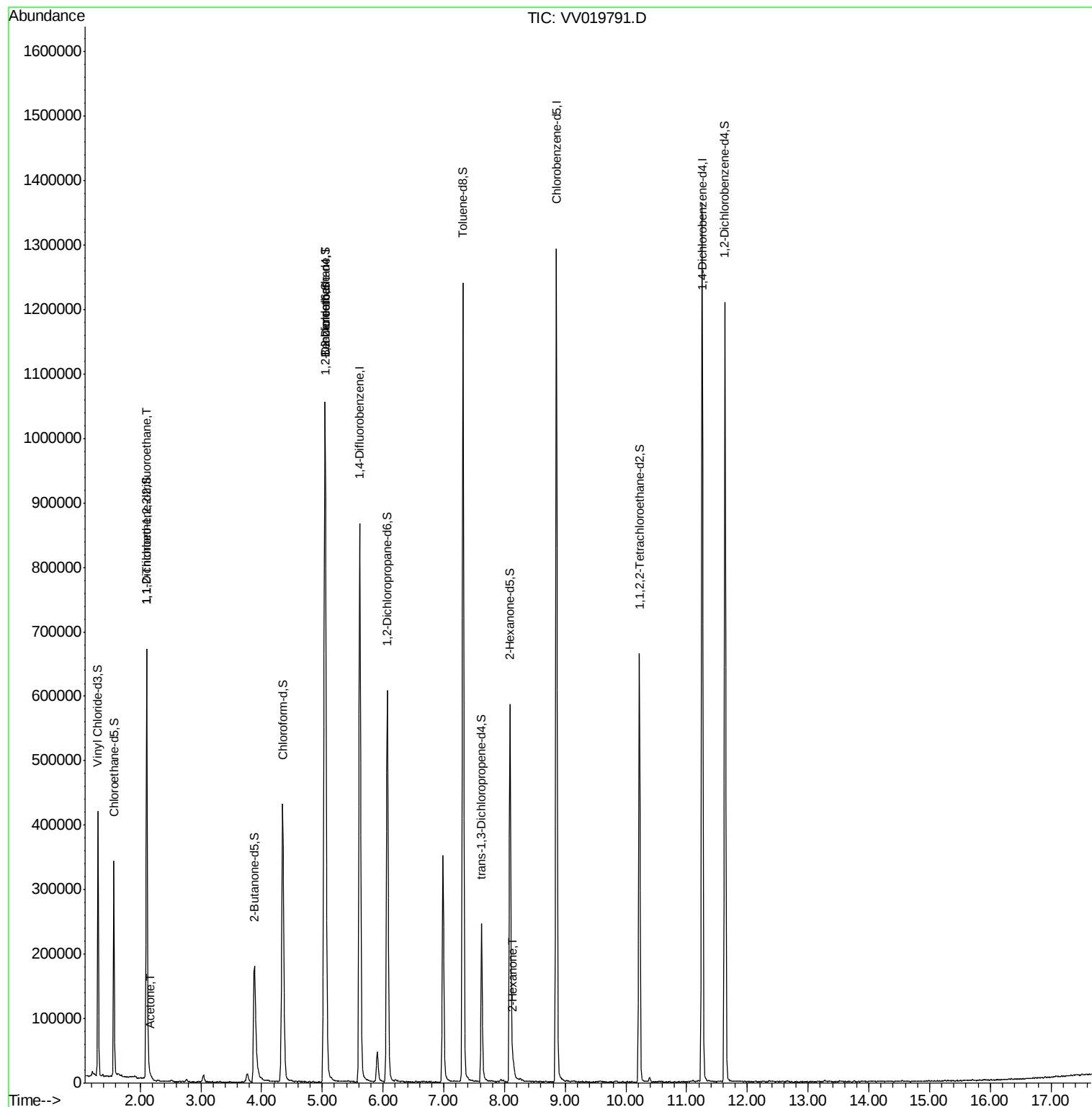
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	3298	0.812 ug/L #	22
13) Acetone	2.18	43	6498	2.797 ug/L	72
27) 1,2-Dichloroethane	5.05	62	5927	0.809 ug/L	99
48) 2-Hexanone	8.15	43	9268	1.693 ug/L #	81

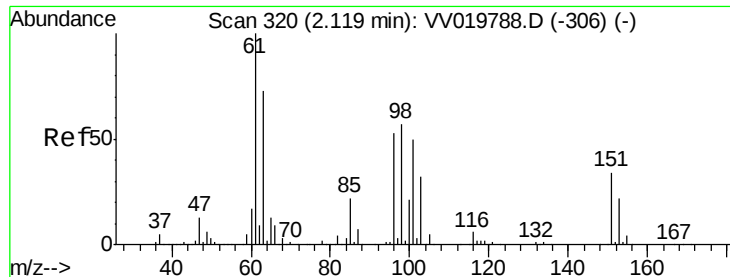
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.812 ug/L

RT: 2.11 min Scan# 317

Delta R.T. -0.01 min

Lab File: VV019791.D

Acq: 22 Dec 2020 12:51

Instrument :

MSVOA_V

ClientSampled :

BG4N9

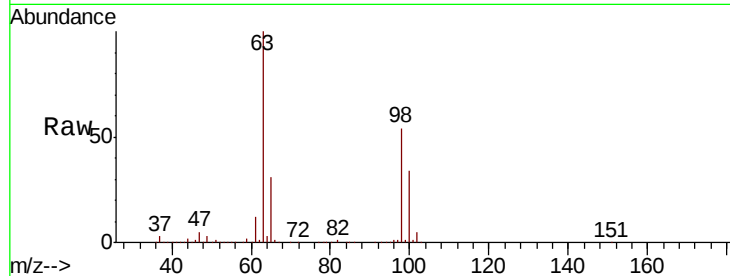
Tot Ion:101 Resp: 3298

Ion Ratio Lower Upper

101 100

85 1.2 35.0 52.4#

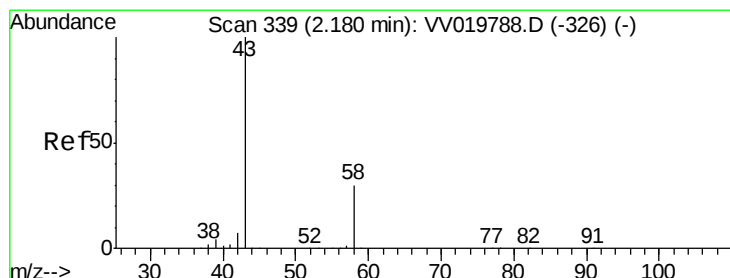
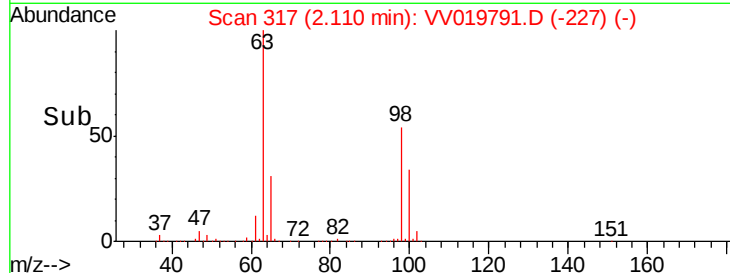
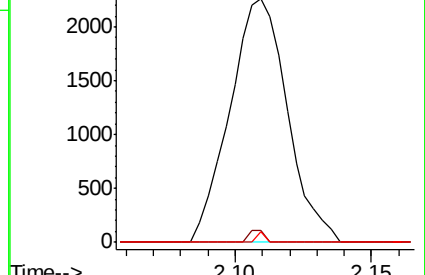
151 0.0 55.8 83.8#



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: 2.797 ug/L

RT: 2.18 min Scan# 338

Delta R.T. -0.00 min

Lab File: VV019791.D

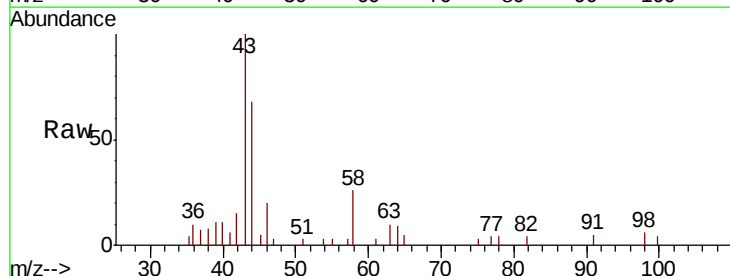
Acq: 22 Dec 2020 12:51

Tgt Ion: 43 Resp: 6498

Ion Ratio Lower Upper

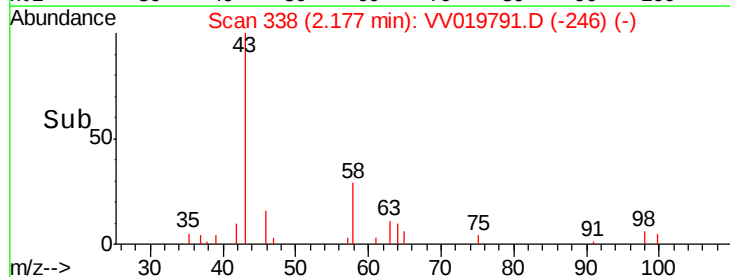
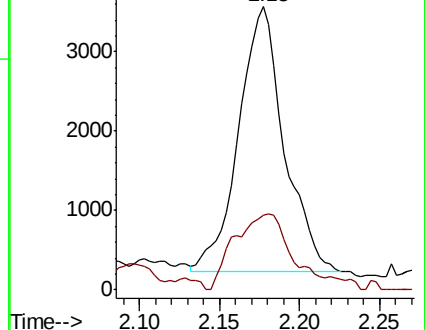
43 100

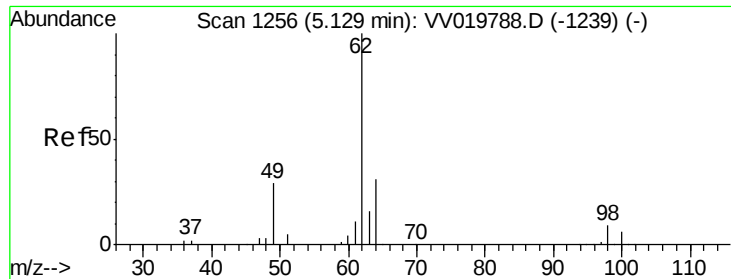
58 15.5 0.0 61.6



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

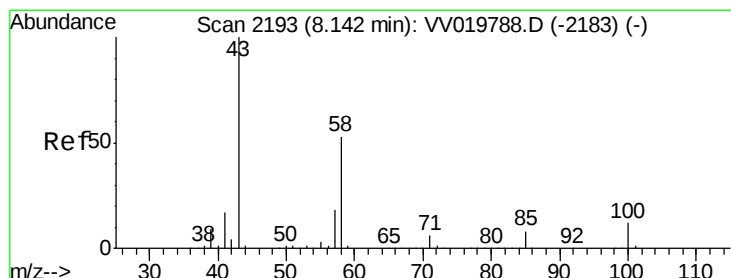
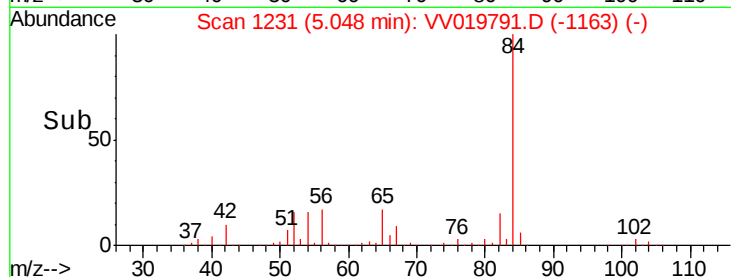
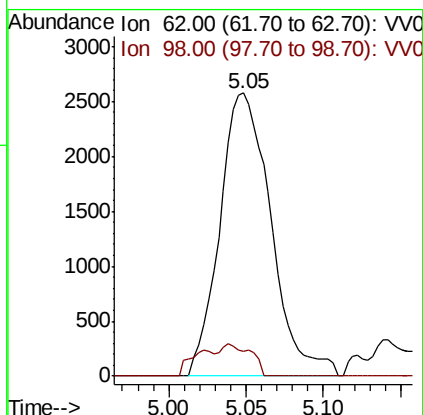
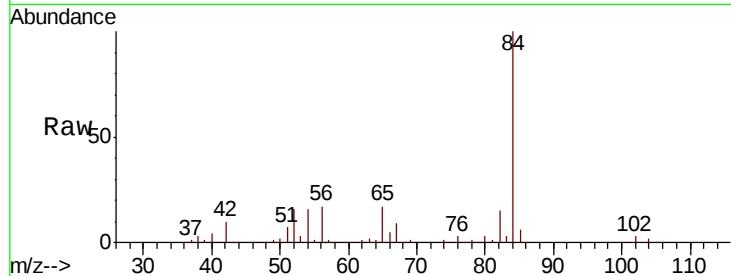




#27
 1,2-Dichloroethane
 Concen: 0.809 ug/L
 RT: 5.05 min Scan# 1231
 Delta R.T. -0.08 min
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Tot Ion: 62 Resp: 5927
 Ion Ratio Lower Upper
 62 100
 98 9.0 7.4 11.0



#48
 2-Hexanone
 Concen: 1.693 ug/L
 RT: 8.15 min Scan# 2195
 Delta R.T. 0.01 min
 Lab File: VV019791.D
 Acq: 22 Dec 2020 12:51

Tgt Ion: 43 Resp: 9268
 Ion Ratio Lower Upper
 43 100
 58 63.9 44.4 66.6
 57 0.0 15.7 23.5#
 100 8.0 9.9 14.9#

