

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV122320\
 Data File : VV019811.D
 Acq On : 23 Dec 2020 14:57
 Operator : SY/MD
 Sample : L5206-02
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4N8

Quant Time: Dec 23 22:05:51 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	589019	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	556260	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.26	152	269124	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	224901	53.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	106.50%
7) Chloroethane-d5	1.57	69	183343	55.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	110.08%
11) 1,1-Dichloroethene-d2	2.11	63	330076	42.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.22%
21) 2-Butanone-d5	3.89	46	318931	138.92	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	138.92%#
24) Chloroform-d	4.35	84	408680	53.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.38%
26) 1,2-Dichloroethane-d4	5.04	65	287421	57.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.56%
32) Benzene-d6	5.05	84	824908	55.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.20%
36) 1,2-Dichloropropane-d6	6.07	67	266758	57.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	114.80%
41) Toluene-d8	7.32	98	716163	53.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.22%
43) trans-1,3-Dichloropropene-	7.62	79	122333	46.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.56%
47) 2-Hexanone-d5	8.09	63	184606	101.21	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.21%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	300661	47.83	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.66%
64) 1,2-Dichlorobenzene-d4	11.63	152	262640	52.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.42%

Target Compounds

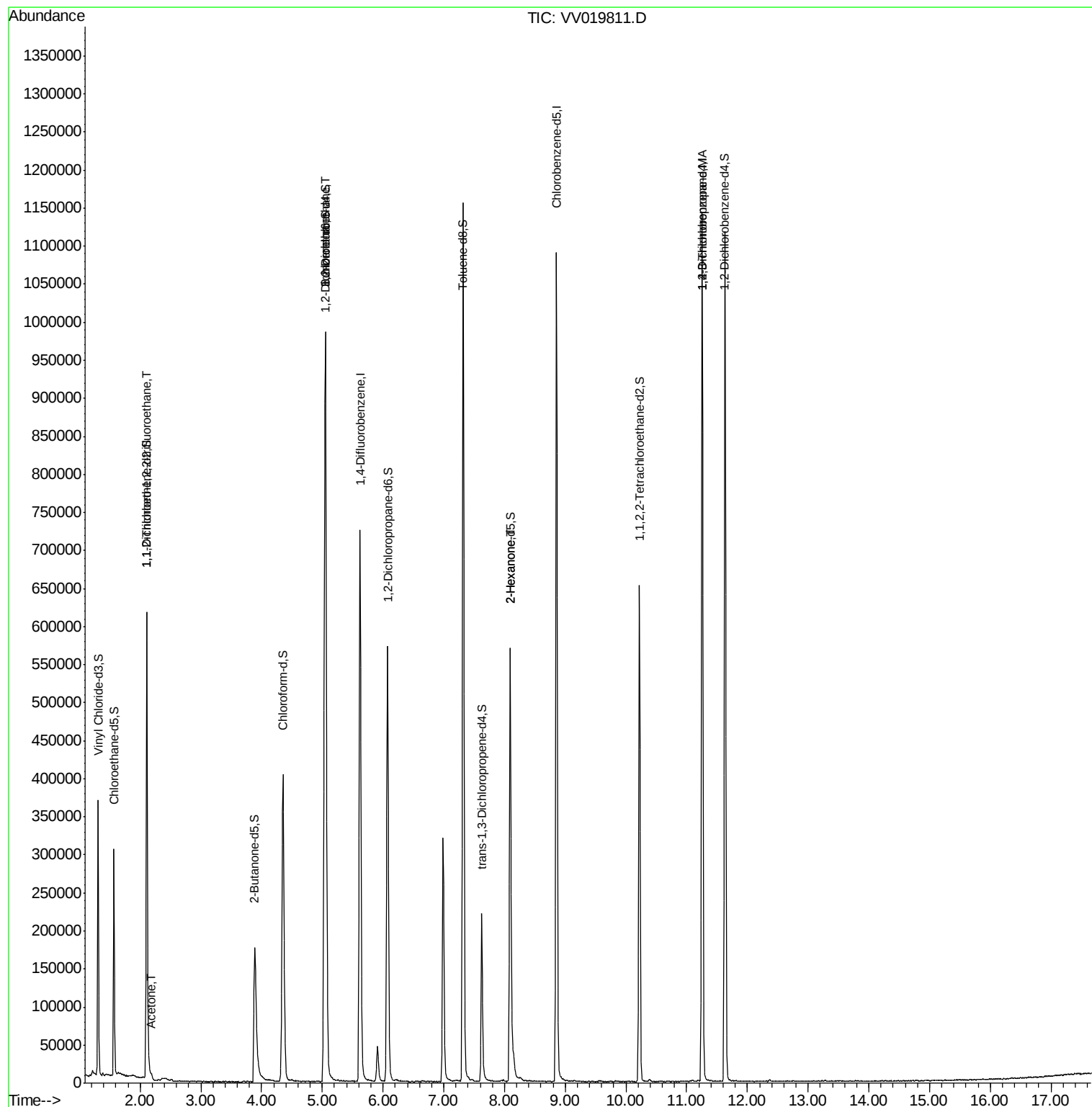
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	2845	0.832 ug/L #	22
13) Acetone	2.18	43	9109	4.658 ug/L	95
27) 1,2-Dichloroethane	5.05	62	5326	0.863 ug/L	95
48) 2-Hexanone	8.09	43	24466	5.264 ug/L #	77
59) 1,2,3-Trichloropropane	11.25	75	37757	7.150 ug/L	95

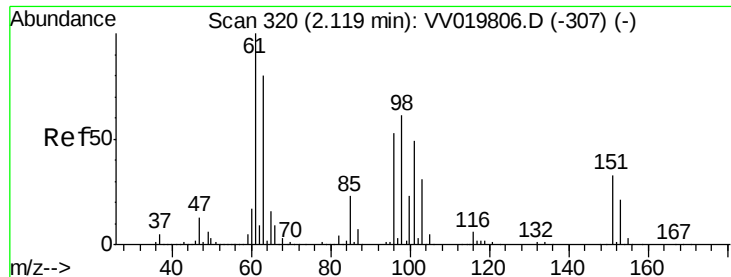
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.832 ug/L

RT: 2.11 min Scan# 317

Delta R.T. -0.01 min

Lab File: VV019811.D

Acq: 23 Dec 2020 14:57

Instrument :

MSVOA_V

ClientSampled :

BG4N8

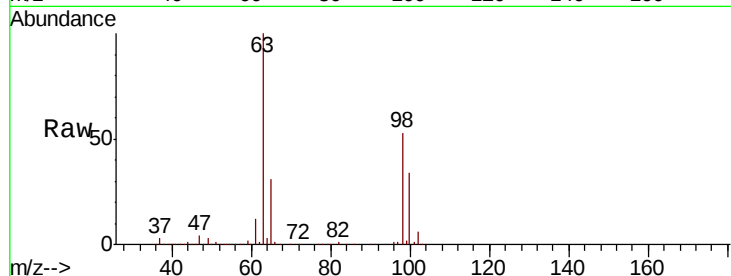
Tot Ion:101 Resp: 2845

Ion Ratio Lower Upper

101 100

85 1.6 35.0 52.4#

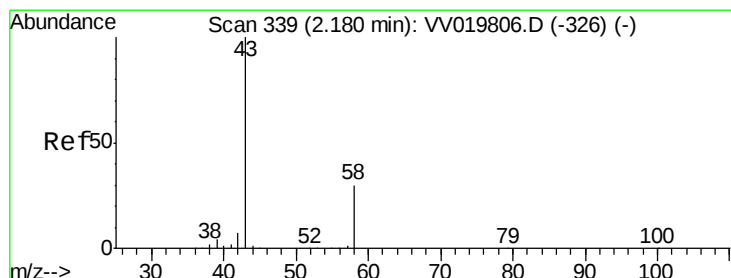
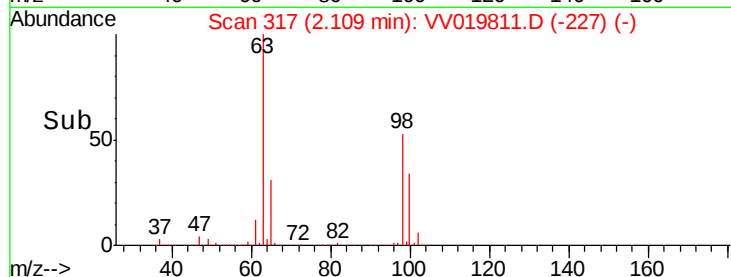
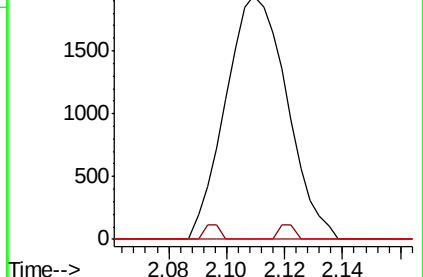
151 0.0 55.8 83.8#



Abundance Ion 101.00 (100.70 to 101.70): VV019811.D (-227) (-)

Ion 85.00 (84.70 to 85.70): VV019811.D (-227) (-)

Ion 151.00 (150.70 to 151.70): VV019811.D (-227) (-)



#13

Acetone

Concen: 4.658 ug/L

RT: 2.18 min Scan# 340

Delta R.T. 0.00 min

Lab File: VV019811.D

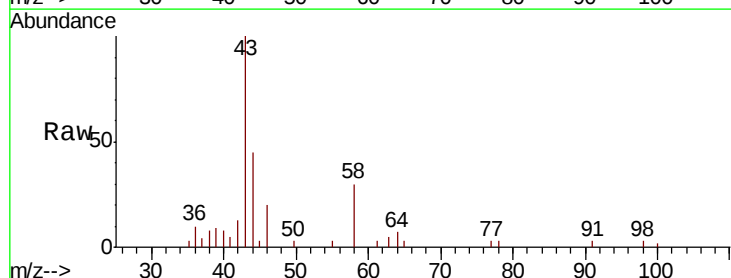
Acq: 23 Dec 2020 14:57

Tgt Ion: 43 Resp: 9109

Ion Ratio Lower Upper

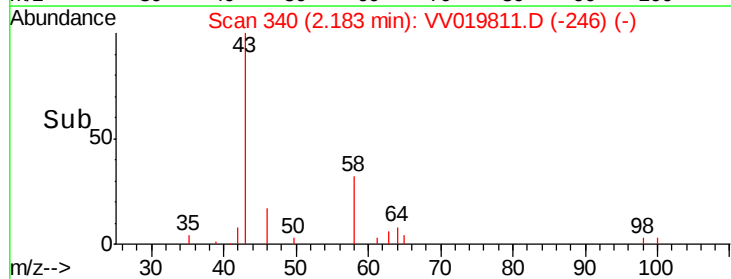
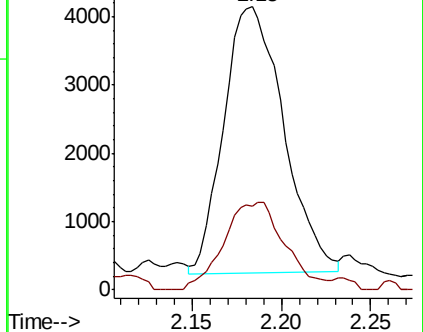
43 100

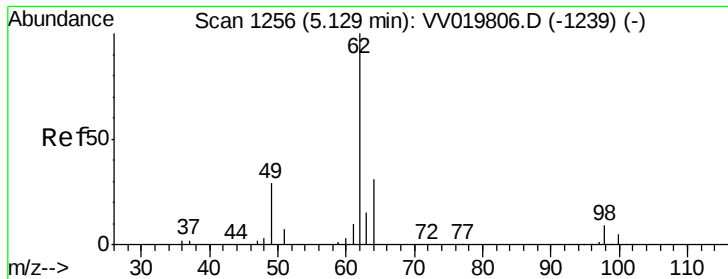
58 33.6 0.0 61.6



Abundance Ion 43.00 (42.70 to 43.70): VV019811.D (-246) (-)

Ion 58.00 (57.70 to 58.70): VV019811.D (-246) (-)

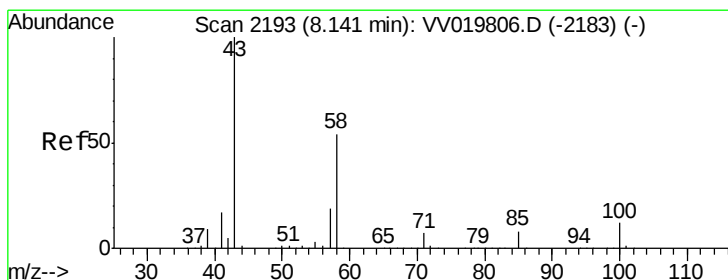
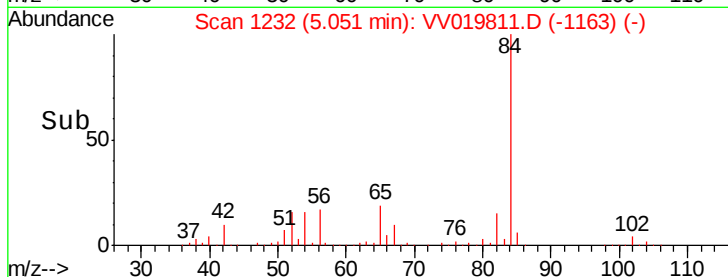
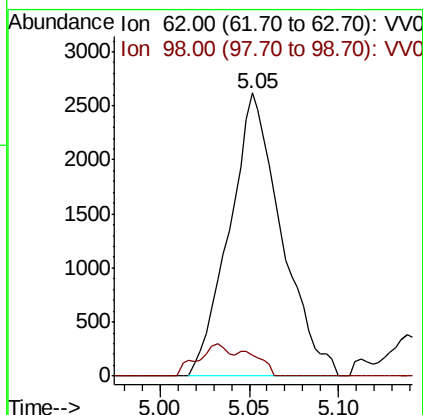
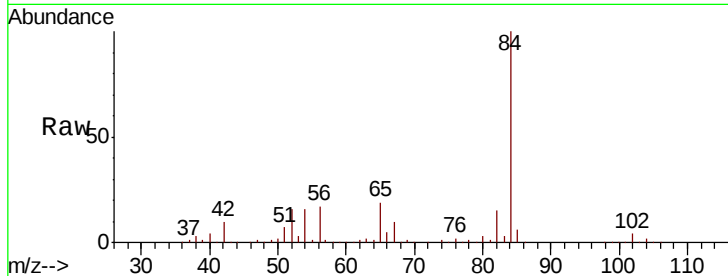




#27
 1,2-Dichloroethane
 Concen: 0.863 ug/L
 RT: 5.05 min Scan# 1232
 Delta R.T. -0.08 min
 Lab File: VV019811.D
 Acq: 23 Dec 2020 14:57

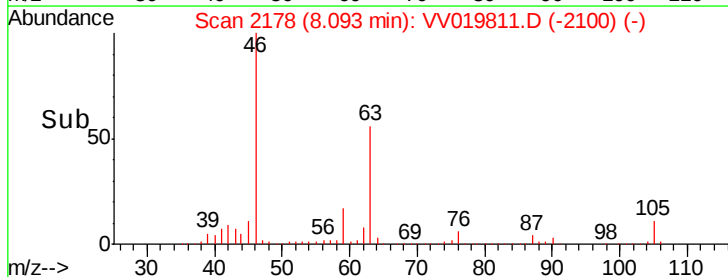
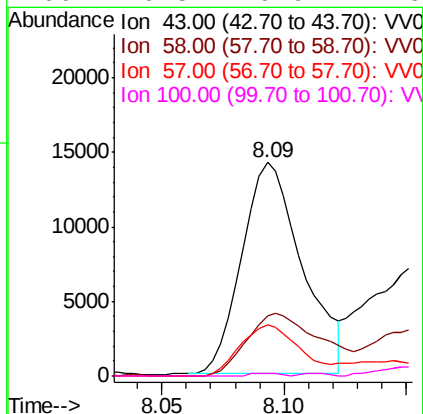
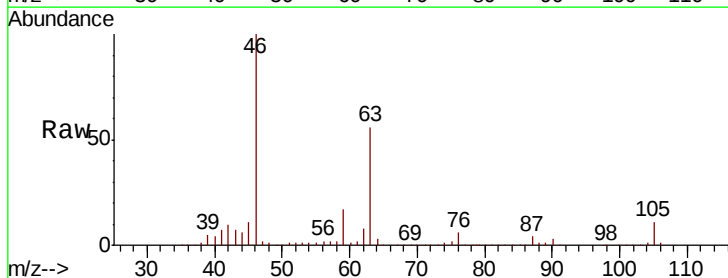
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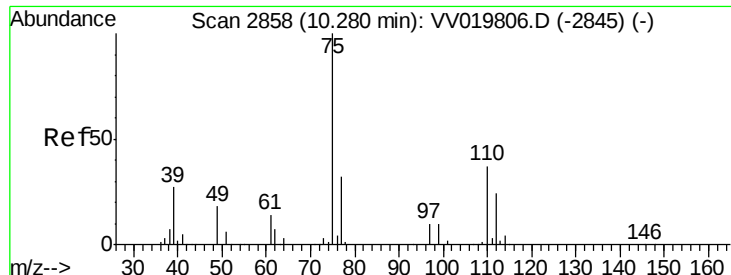
Tot Ion: 62 Resp: 5326
 Ion Ratio Lower Upper
 62 100
 98 7.5 7.4 11.0



#48
 2-Hexanone
 Concen: 5.264 ug/L
 RT: 8.09 min Scan# 2178
 Delta R.T. -0.05 min
 Lab File: VV019811.D
 Acq: 23 Dec 2020 14:57

Tgt Ion: 43 Resp: 24466
 Ion Ratio Lower Upper
 43 100
 58 36.6 44.4 66.6#
 57 23.3 15.7 23.5
 100 0.5 9.9 14.9#





#59

1,2,3-Trichloropropane

Concen: 7.150 ug/L

RT: 11.25 min Scan# 3161

Delta R.T. 0.97 min

Lab File: VV019811.D

Acq: 23 Dec 2020 14:57

Instrument :

MSVOA_V

ClientSampleId :

BG4N8

Tot Ion: 75 Resp: 37757

Ion Ratio Lower Upper

75 100

77 35.1 25.8 38.8

