

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV010821\
 Data File : VV019940.D
 Acq On : 08 Jan 2021 11:30
 Operator : SY/MD
 Sample : M1016-08
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4T2

Quant Time: Jan 08 22:51:56 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 08 22:51:06 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	491092	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	476751	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	222513	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	155731	40.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.96%
7) Chloroethane-d5	1.57	69	140561	46.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.06%
11) 1,1-Dichloroethene-d2	2.11	63	245985	34.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.48%
21) 2-Butanone-d5	3.89	46	264301	93.83	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.83%
24) Chloroform-d	4.35	84	325427	45.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.64%
26) 1,2-Dichloroethane-d4	5.03	65	232080	49.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.90%
32) Benzene-d6	5.05	84	610194	44.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.90%
36) 1,2-Dichloropropane-d6	6.07	67	207994	46.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.16%
41) Toluene-d8	7.32	98	530024	43.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.76%
43) trans-1,3-Dichloropropene-	7.62	79	91095	40.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.18%
47) 2-Hexanone-d5	8.09	63	136682	73.26	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	73.26%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	235212	40.06	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.12%
64) 1,2-Dichlorobenzene-d4	11.63	152	201775	47.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.82%

Target Compounds

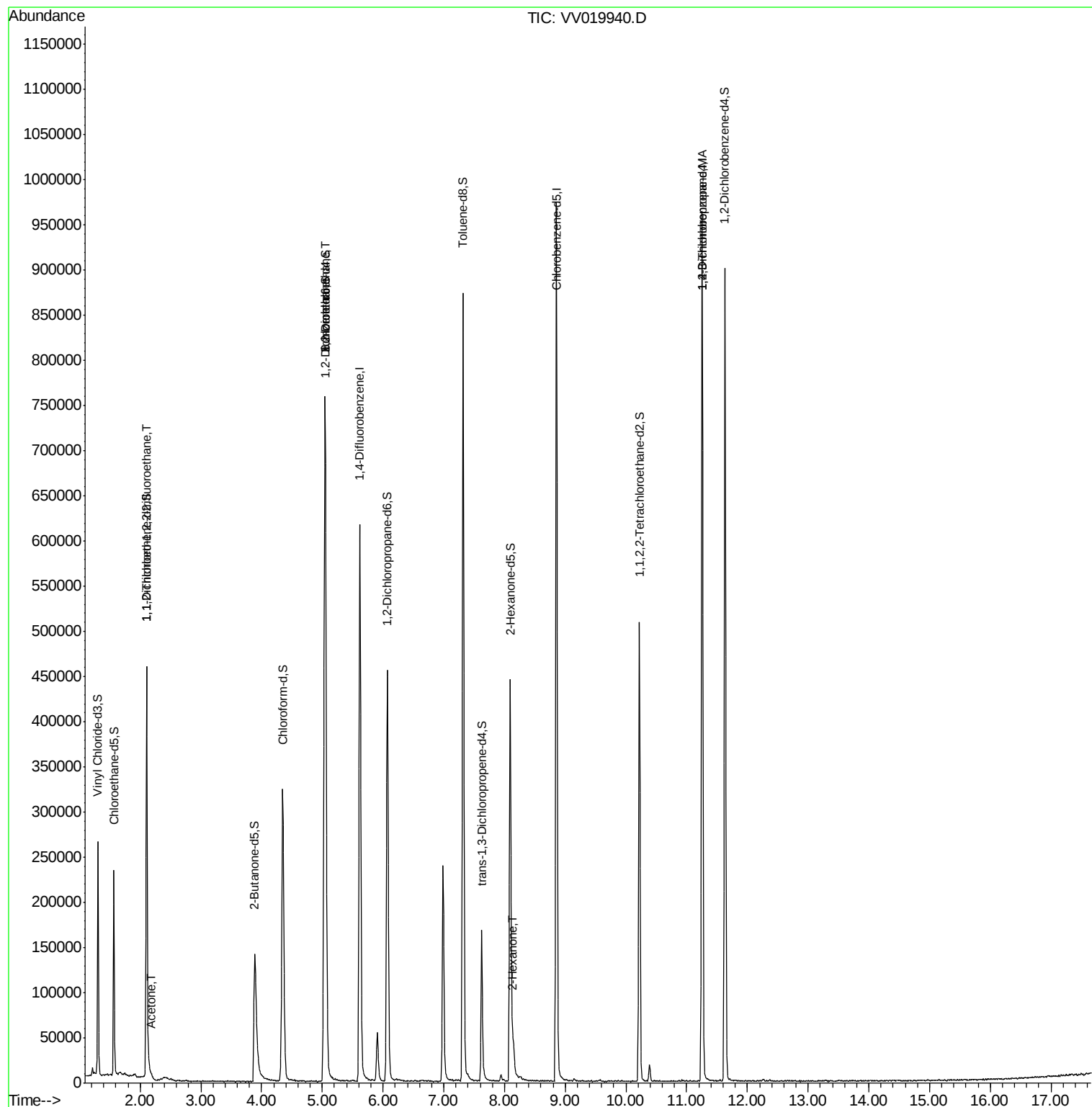
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	2281	0.733 ug/L #	25
13) Acetone	2.19	43	7235	3.318 ug/L	45
27) 1,2-Dichloroethane	5.05	62	4076	0.711 ug/L	98
48) 2-Hexanone	8.15	43	20377	4.371 ug/L #	85
59) 1,2,3-Trichloropropane	11.25	75	33442	6.533 ug/L	95

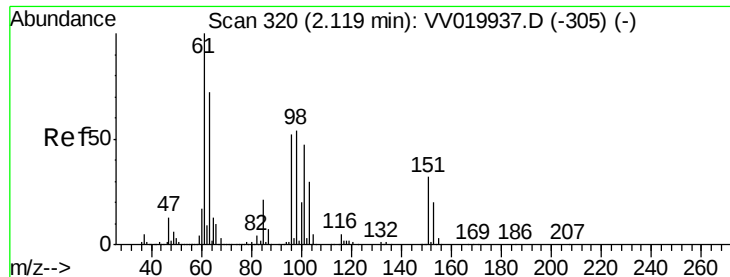
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.733 ug/L

RT: 2.11 min Scan# 316

Delta R.T. -0.01 min

Lab File: VV019940.D

Acq: 08 Jan 2021 11:30

Instrument :

MSVOA_V

ClientSampleId :

BG4T2

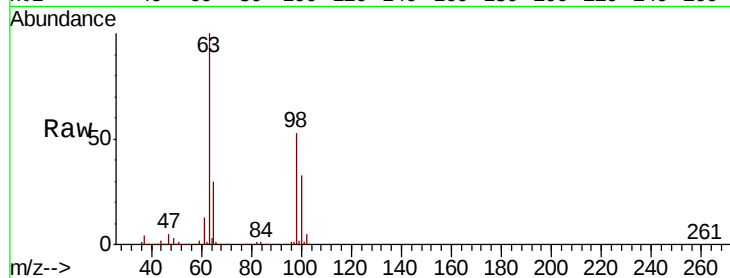
Tot Ion:101 Resp: 2281

Ion Ratio Lower Upper

101 100

85 4.0 35.3 52.9#

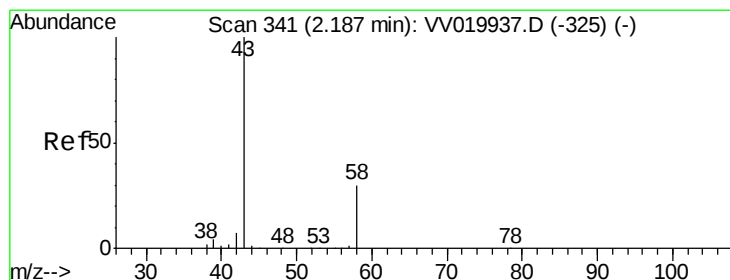
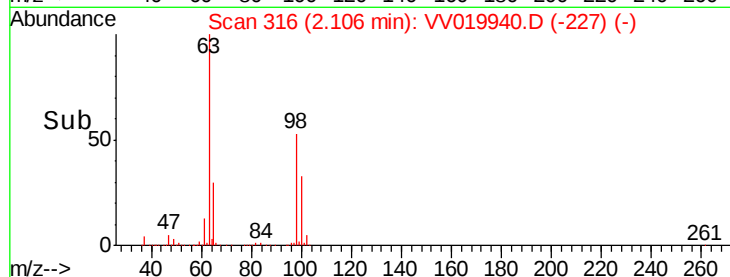
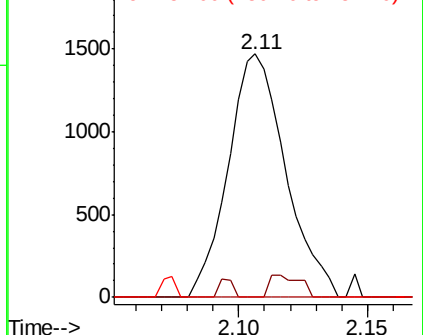
151 0.0 53.6 80.4#



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: 3.318 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

Lab File: VV019940.D

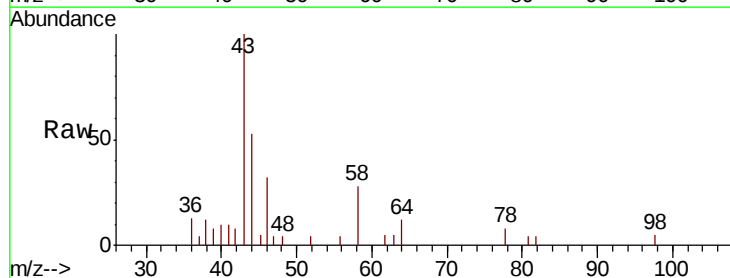
Acq: 08 Jan 2021 11:30

Tgt Ion: 43 Resp: 7235

Ion Ratio Lower Upper

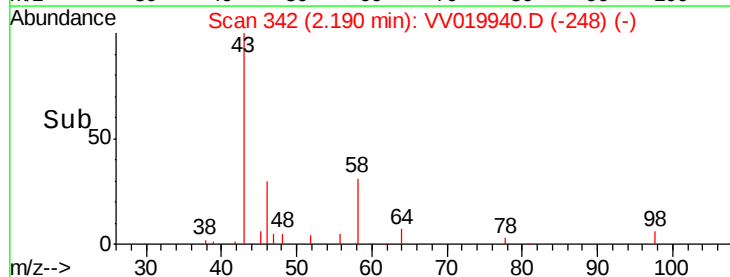
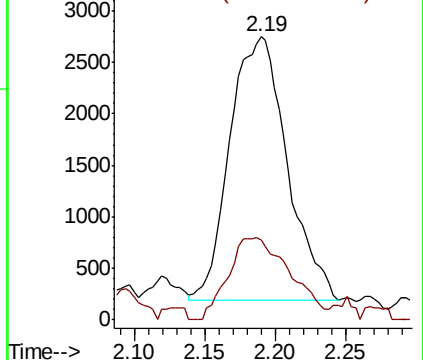
43 100

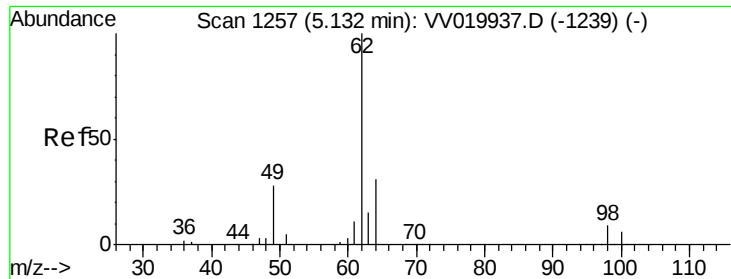
58 0.3 0.0 60.2



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

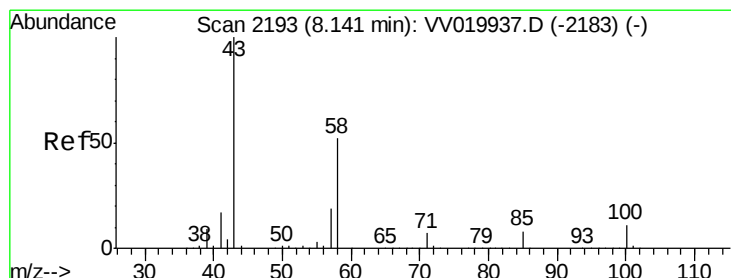
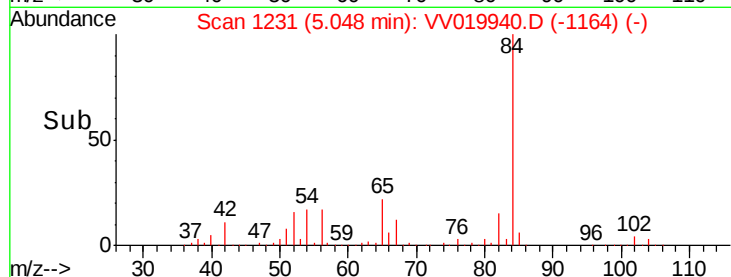
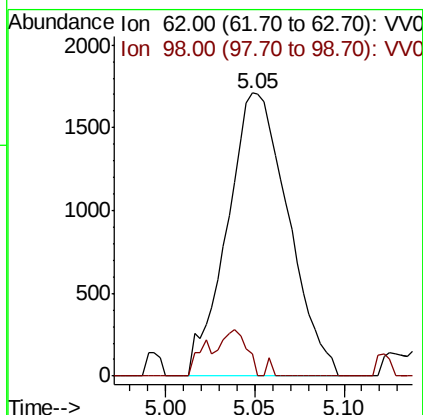
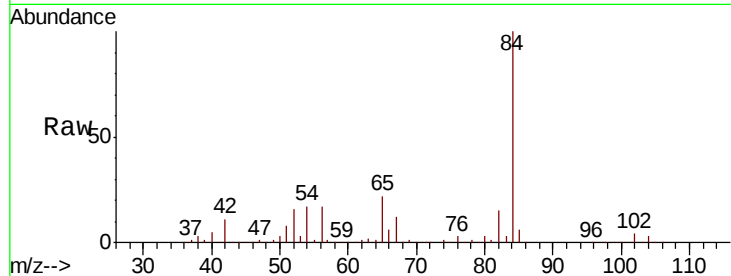




#27
 1,2-Dichloroethane
 Concen: 0.711 ug/L
 RT: 5.05 min Scan# 1231
 Delta R.T. -0.08 min
 Lab File: VV019940.D
 Acq: 08 Jan 2021 11:30

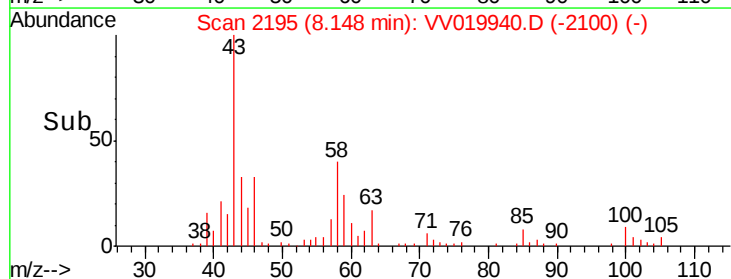
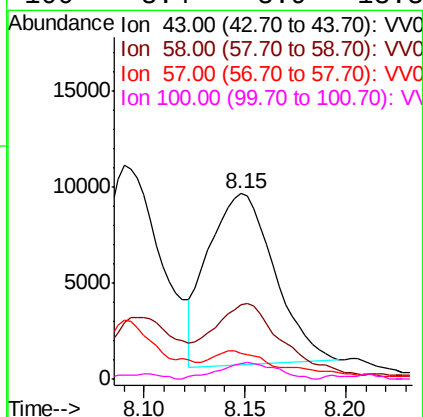
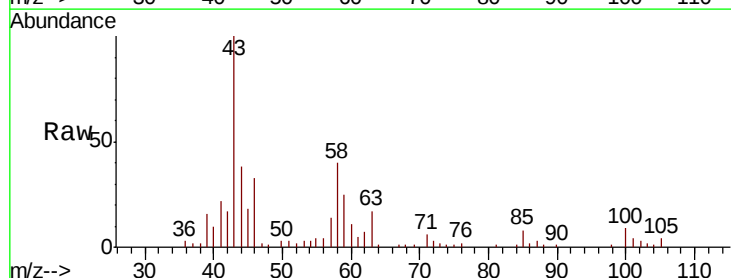
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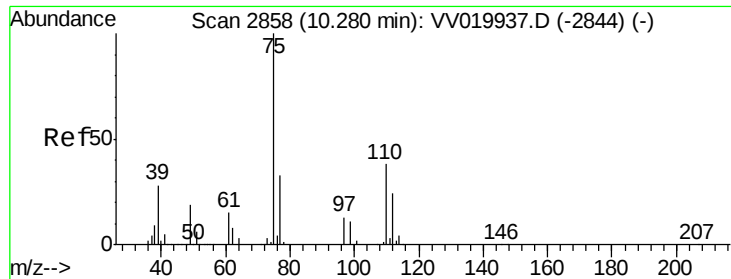
Tot Ion: 62 Resp: 4076
 Ion Ratio Lower Upper
 62 100
 98 7.8 6.9 10.3



#48
 2-Hexanone
 Concen: 4.371 ug/L
 RT: 8.15 min Scan# 2195
 Delta R.T. 0.01 min
 Lab File: VV019940.D
 Acq: 08 Jan 2021 11:30

Tgt Ion: 43 Resp: 20377
 Ion Ratio Lower Upper
 43 100
 58 43.4 41.8 62.6
 57 7.7 15.0 22.4#
 100 8.4 8.9 13.3#





#59

1,2,3-Trichloropropane

Concen: 6.533 ug/L

RT: 11.25 min Scan# 3161

Delta R.T. 0.97 min

Lab File: VV019940.D

Acq: 08 Jan 2021 11:30

Instrument :

MSVOA_V

ClientSampleId :

BG4T2

Tot Ion: 75 Resp: 33442

Ion Ratio Lower Upper

75 100

77 34.3 25.4 38.0

