

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV010721\
 Data File : VV019931.D
 Acq On : 07 Jan 2021 18:59
 Operator : SY/MD
 Sample : M1016-10
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4W8

Quant Time: Jan 08 01:34:28 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 08 01:32:18 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	459248	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	442783	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.26	152	200872	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	109918	30.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	61.86%
7) Chloroethane-d5	1.57	69	107419	38.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.06%
11) 1,1-Dichloroethene-d2	2.11	63	185612	27.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.26%#
21) 2-Butanone-d5	3.89	46	274157	104.08	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.08%
24) Chloroform-d	4.35	84	278358	41.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.92%
26) 1,2-Dichloroethane-d4	5.04	65	195696	44.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.18%
32) Benzene-d6	5.05	84	492037	38.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.18%
36) 1,2-Dichloropropane-d6	6.07	67	176689	42.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.28%
41) Toluene-d8	7.32	98	411686	36.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	72.56%#
43) trans-1,3-Dichloropropene-	7.63	79	71577	34.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.68%
47) 2-Hexanone-d5	8.09	63	147171	84.93	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.93%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	245861	45.09	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.18%
64) 1,2-Dichlorobenzene-d4	11.63	152	177169	46.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.22%

Target Compounds

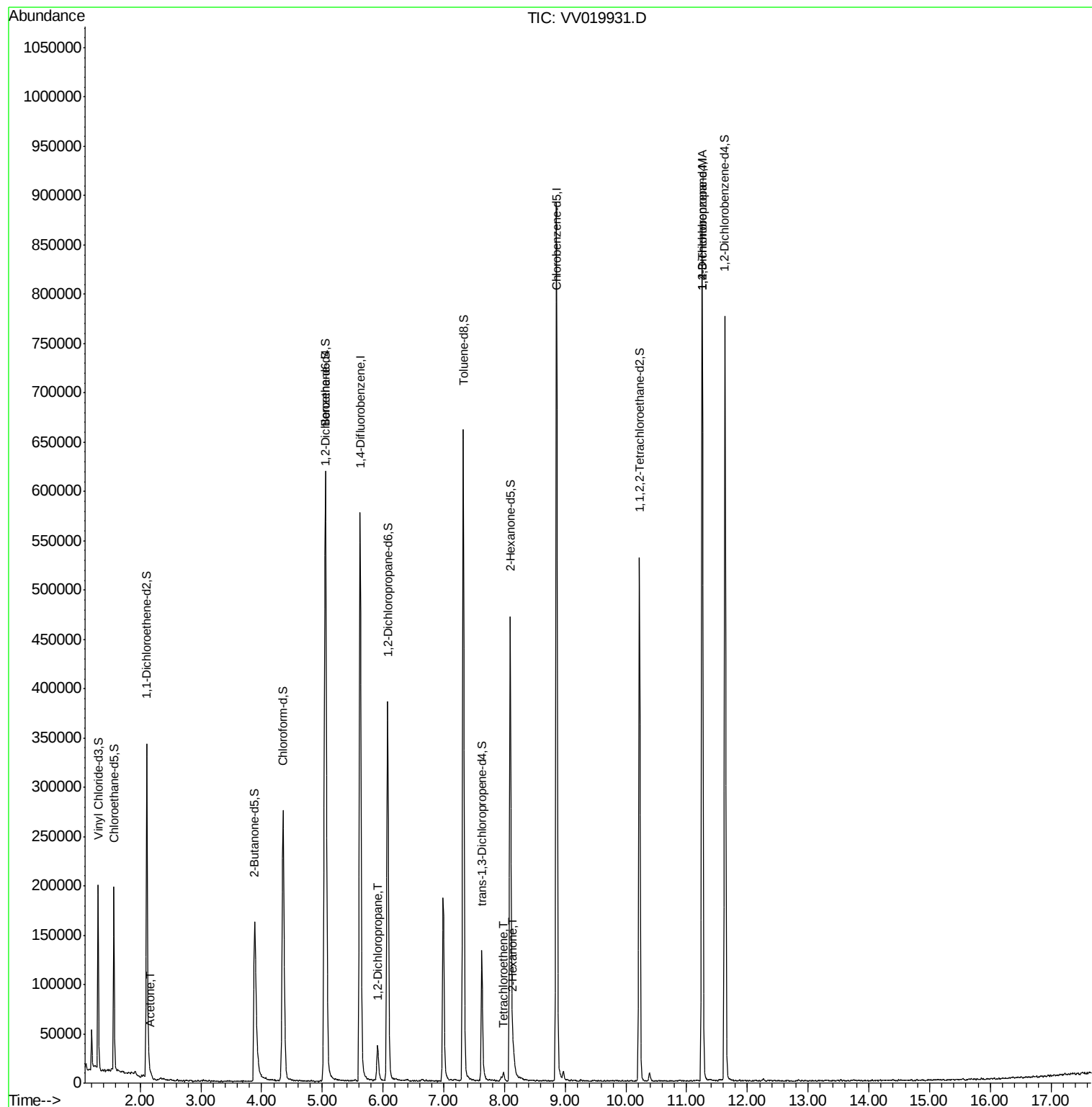
					Ovalue
13) Acetone	2.17	43	5764	2.827 ug/L	97
37) 1,2-Dichloropropane	5.91	63	2456	0.657 ug/L	98
46) Tetrachloroethene	7.99	164	1771	0.718 ug/L	88
48) 2-Hexanone	8.15	43	14885	3.438 ug/L #	68
59) 1,2,3-Trichloropropane	11.25	75	29887	6.286 ug/L	89

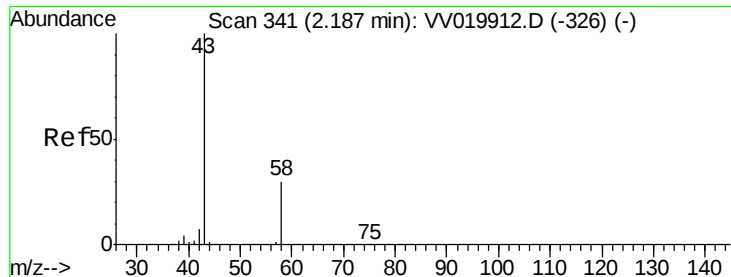
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV010721\
Data File : VV019931.D
Acq On : 07 Jan 2021 18:59
Operator : SY/MD
Sample : M1016-10
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4W8

Quant Time: Jan 08 01:34:28 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jan 08 01:32:18 2021
Response via : Initial Calibration





#13

Acetone

Concen: 2.827 ug/L

RT: 2.17 min Scan# 337

Delta R.T. -0.01 min

Lab File: VV019931.D

Acq: 07 Jan 2021 18:59

Instrument :

MSVOA_V

ClientSampleId :

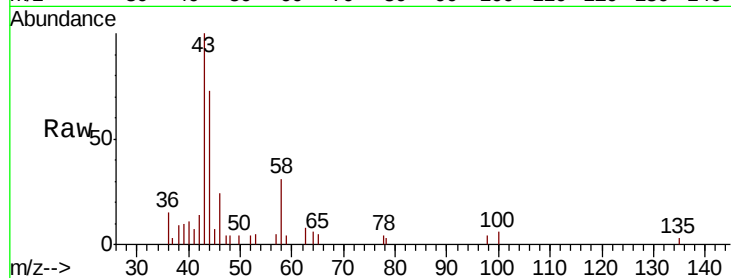
BG4W8

Tot Ion: 43 Resp: 5764

Ion Ratio Lower Upper

43 100

58 31.5 0.0 60.2



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

2.17

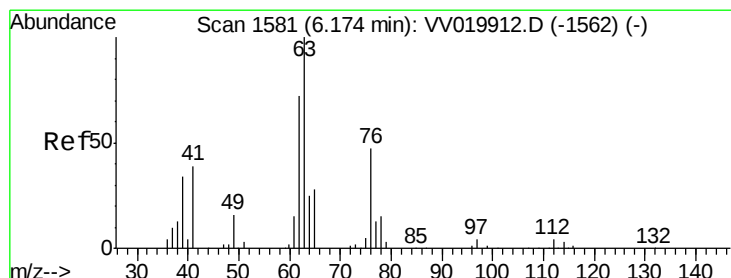
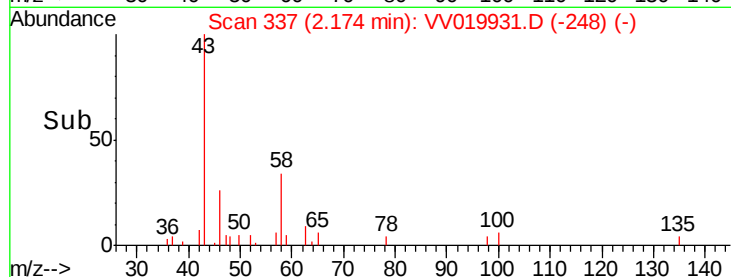
3000

2000

1000

0

Time--> 2.10 2.15 2.20 2.25



#37

1,2-Dichloropropane

Concen: 0.657 ug/L

RT: 5.91 min Scan# 1500

Delta R.T. -0.26 min

Lab File: VV019931.D

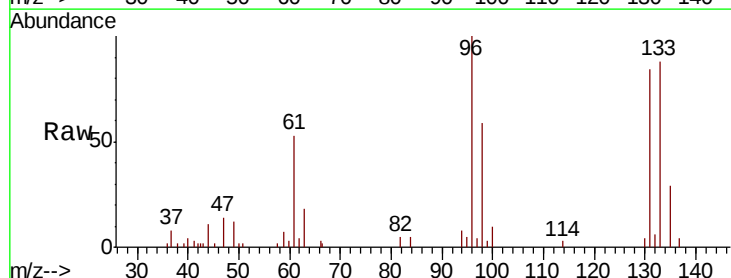
Acq: 07 Jan 2021 18:59

Tgt Ion: 63 Resp: 2456

Ion Ratio Lower Upper

63 100

112 3.5 3.3 4.9



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 112.00 (111.70 to 112.70): V

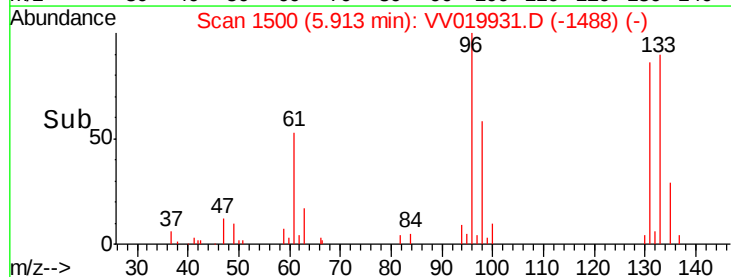
5.91

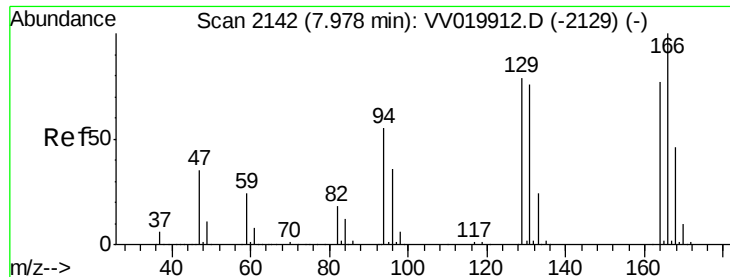
1000

500

0

Time--> 5.85 5.90 5.95





#46

Tetrachloroethene

Concen: 0.718 ug/L

RT: 7.99 min Scan# 2145

Delta R.T. 0.01 min

Lab File: VV019931.D

Acq: 07 Jan 2021 18:59

Instrument :

MSVOA_V

ClientSampleId :

BG4W8

Tot Ion:164 Resp: 1771

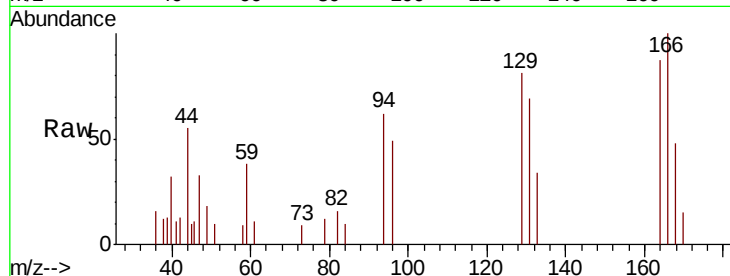
Ion Ratio Lower Upper

164 100

129 92.7 70.6 131.0

131 78.7 66.8 124.0

166 114.4 88.2 163.8

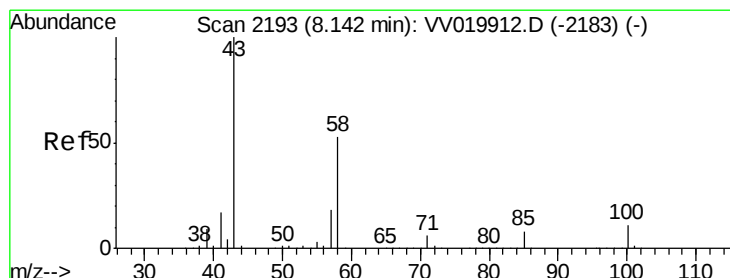
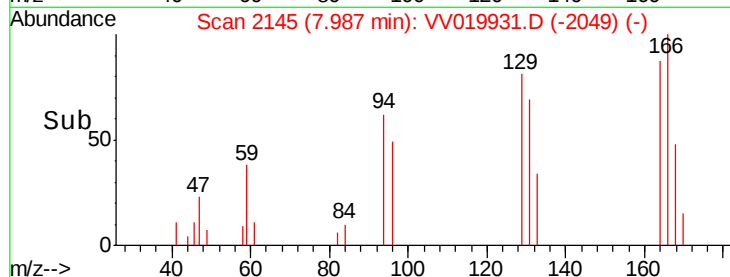
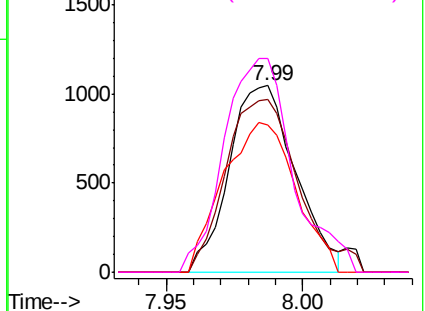


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#48

2-Hexanone

Concen: 3.438 ug/L

RT: 8.15 min Scan# 2195

Delta R.T. 0.01 min

Lab File: VV019931.D

Acq: 07 Jan 2021 18:59

Tgt Ion: 43 Resp: 14885

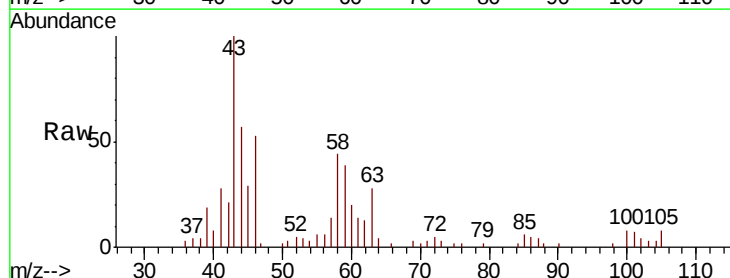
Ion Ratio Lower Upper

43 100

58 30.3 41.8 62.6#

57 1.6 15.0 22.4#

100 1.8 8.9 13.3#

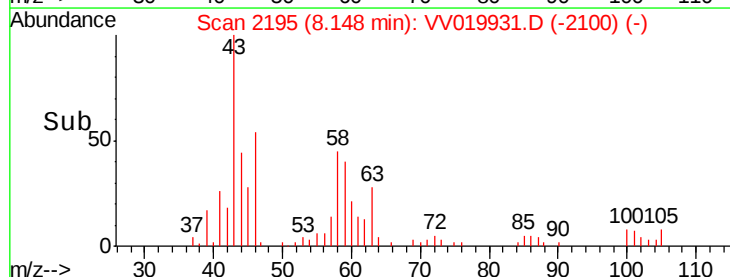
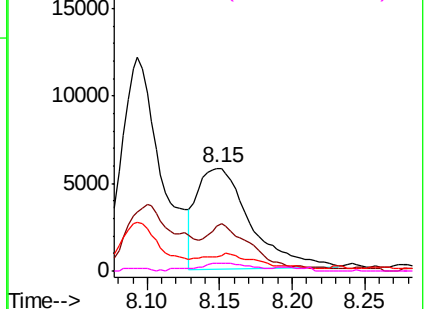


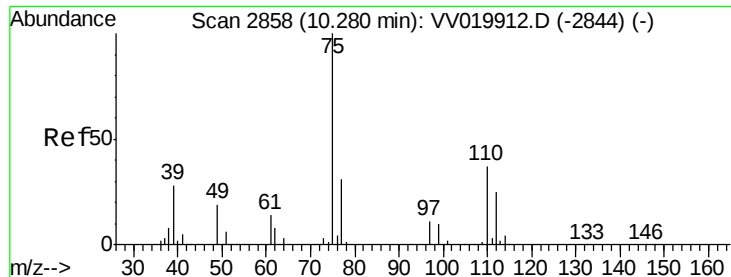
Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0





#59

1,2,3-Trichloropropane

Concen: 6.286 ug/L

RT: 11.25 min Scan# 3161

Delta R.T. 0.97 min

Lab File: VV019931.D

Acq: 07 Jan 2021 18:59

Instrument :

MSVOA_V

ClientSampleId :

BG4W8

Tot Ion: 75 Resp: 29887

Ion Ratio Lower Upper

75 100

77 37.9 25.4 38.0

