

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011620\
 Data File : VW014666.D
 Acq On : 16 Jan 2020 12:16
 Operator : SY/VA
 Sample : L1118-08
 Misc : 5.02G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GASJ9

Quant Time: Jan 17 01:21:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 17 01:19:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1238070	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1119221	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	492381	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	392929	22.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.04%
7) Chloroethane-d5	2.89	69	312331	24.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.16%
10) 1,1-Dichloroethene-d2	4.02	63	556971	17.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.80%
20) 2-Butanone-d5	7.07	46	194891	46.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.86%
24) Chloroform-d	7.65	84	700812	24.60	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	8.30	65	374343	25.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.32%
29) Benzene-d6	8.27	84	1500961	25.22	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.88%
33) 1,2-Dichloropropane-d6	9.27	67	464045	25.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.72%
37) Toluene-d8	10.32	98	1346312	24.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.80%
38) trans-1,3-Dichloropropene-	10.58	79	177245	23.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.92%
39) 2-Hexanone-d5	10.92	63	150250	49.10	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.20%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	340241	25.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.28%
61) 1,2-Dichlorobenzene-d4	13.85	152	447282	27.57	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.28%

Target Compounds

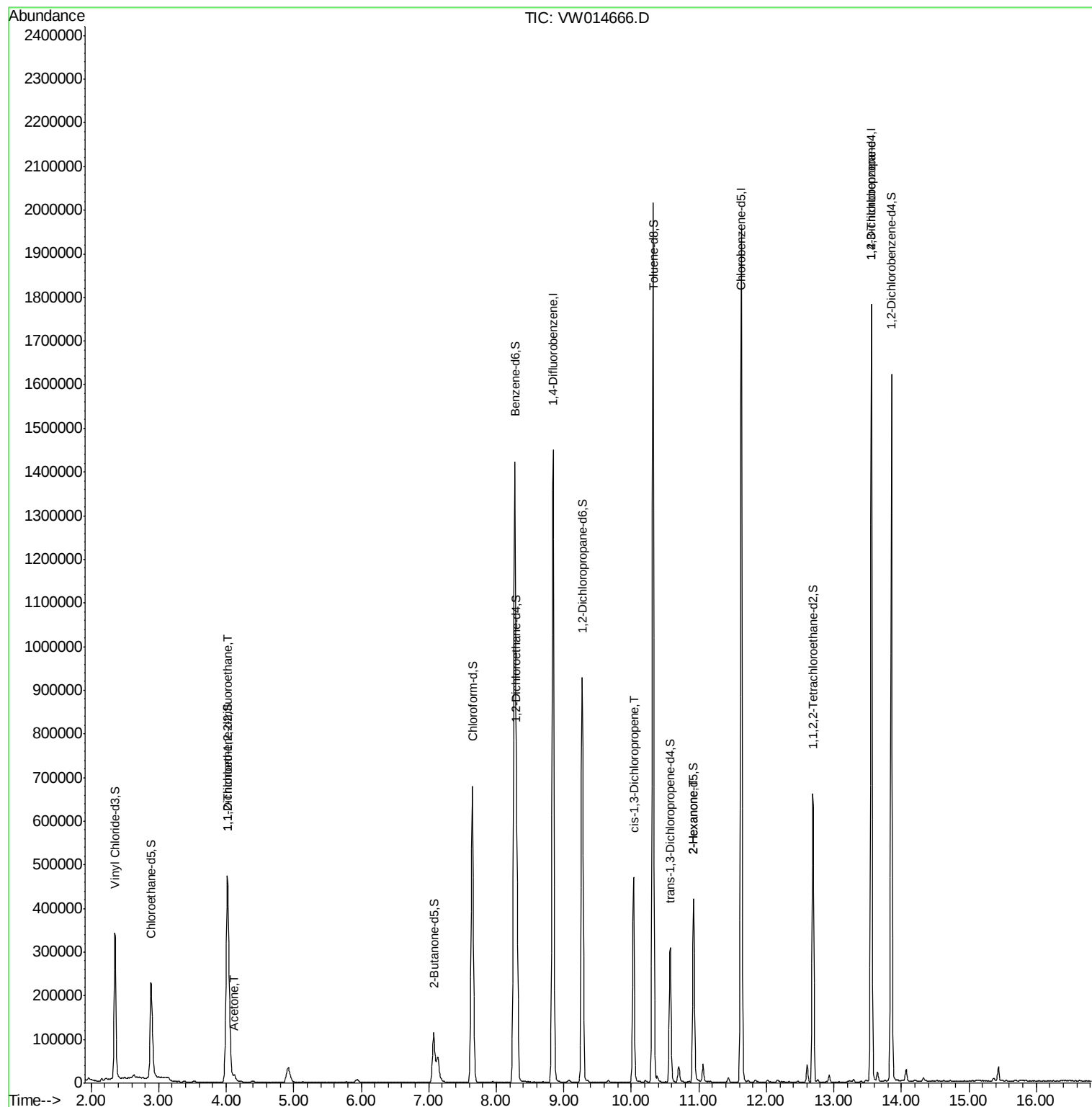
					Ovalue
11) 1,1,2-Trichloro-1,2,2-trif	4.03	101	6161	0.381 ug/L #	20
13) Acetone	4.12	43	22405	3.896 ug/L	94
42) cis-1,3-Dichloropropene	10.03	75	11064	0.434 ug/L #	72
49) 2-Hexanone	10.93	43	18808	2.517 ug/L #	64
59) 1,2,3-Trichloropropane	13.55	75	56234	5.120 ug/L	94

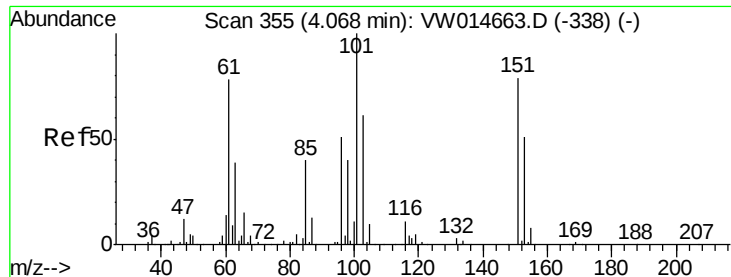
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#11

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

Concen: 0.381 ug/L

RT: 4.03 min Scan# 348

Delta R.T. -0.04 min

Lab File: VW014666.D

Acq: 16 Jan 2020 12:16

Instrument :

MSVOA_W

ClientSampled :

GASJ9

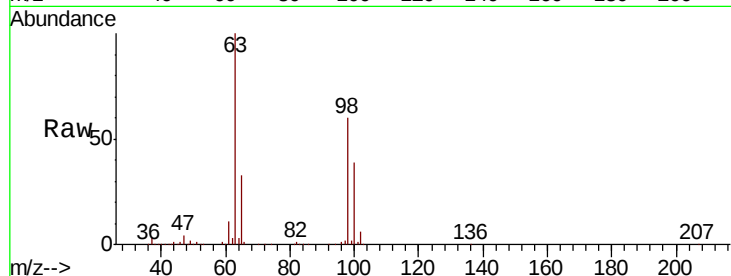
Tot Ion:101 Resp: 6161

Ion Ratio Lower Upper

101 100

85 0.5 33.3 49.9#

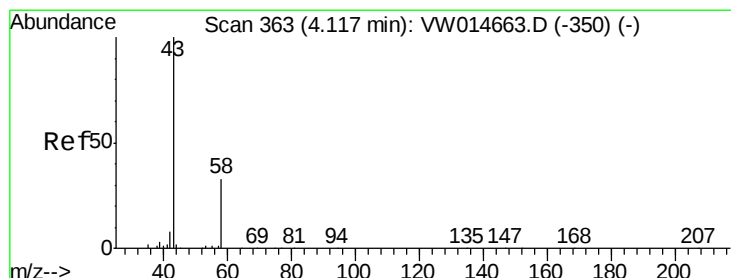
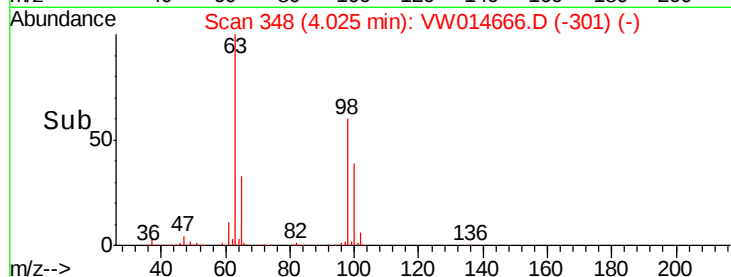
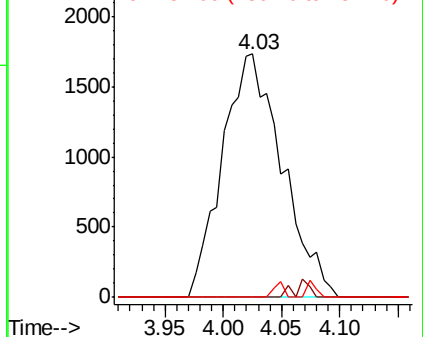
151 1.0 62.5 93.7#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 3.896 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW014666.D

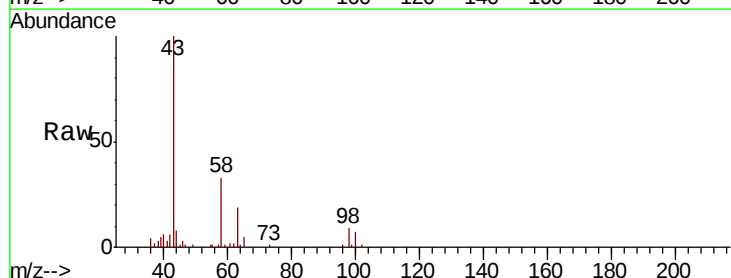
Acq: 16 Jan 2020 12:16

Tgt Ion: 43 Resp: 22405

Ion Ratio Lower Upper

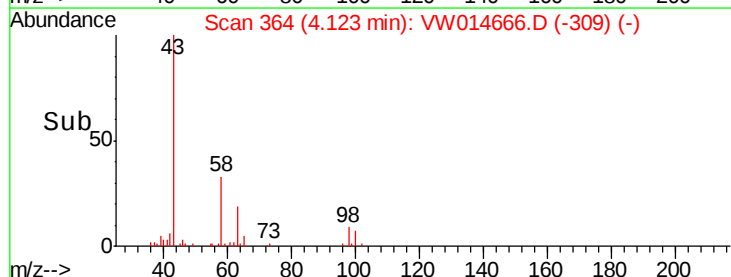
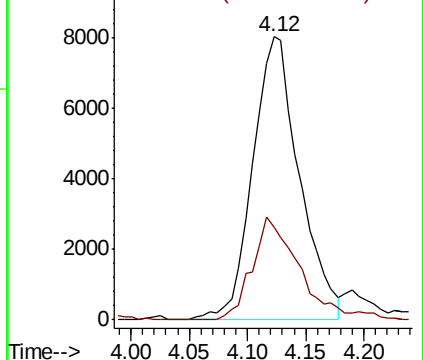
43 100

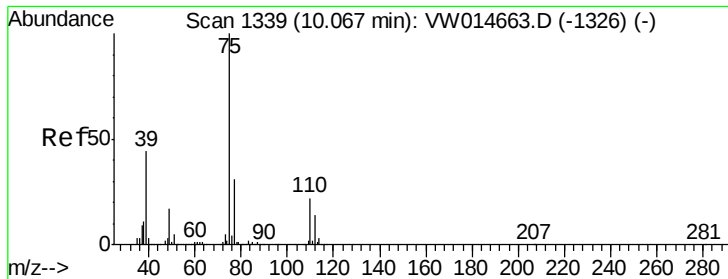
58 35.3 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#42

cis-1,3-Dichloropropene

Concen: 0.434 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW014666.D

Acq: 16 Jan 2020 12:16

Instrument :

MSVOA_W

ClientSampleId :

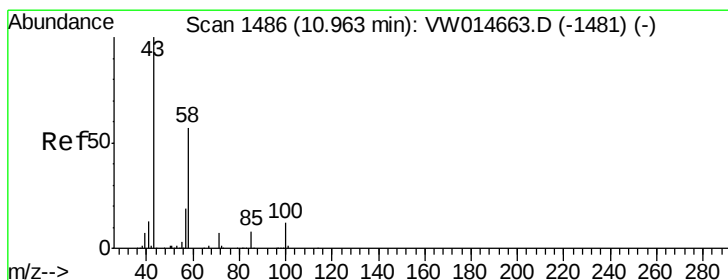
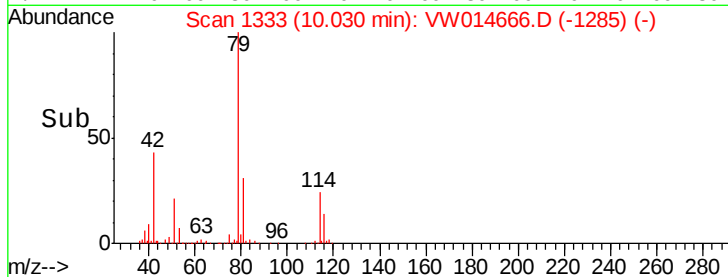
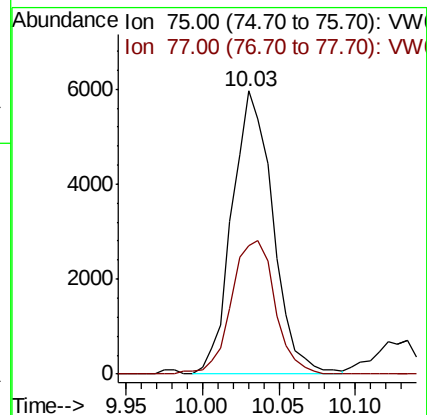
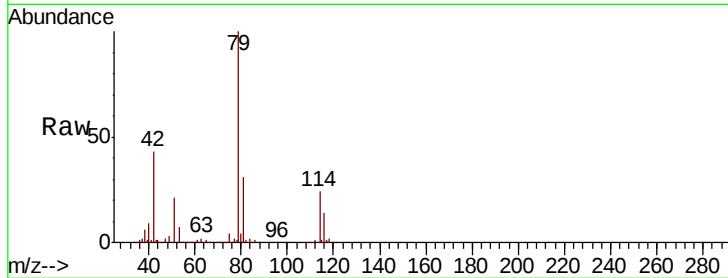
GASJ9

Tot Ion: 75 Resp: 11064

Ion Ratio Lower Upper

75 100

77 45.3 21.0 39.0#



#49

2-Hexanone

Concen: 2.517 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW014666.D

Acq: 16 Jan 2020 12:16

Tgt Ion: 43 Resp: 18808

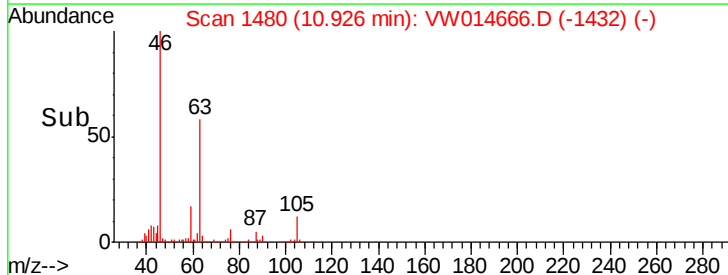
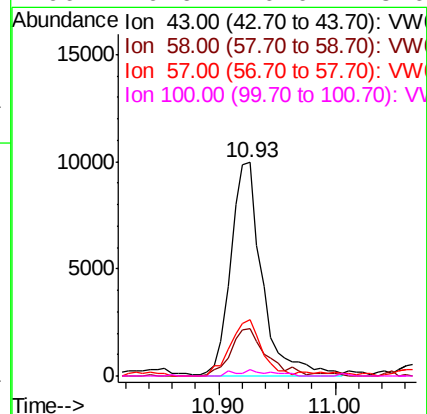
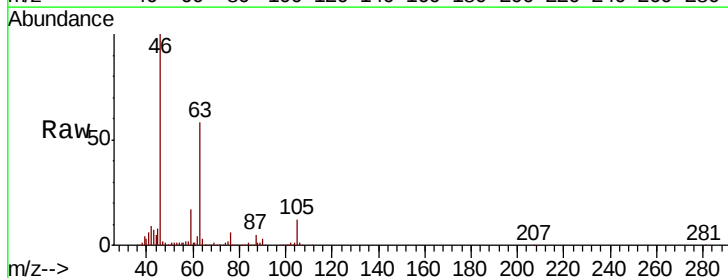
Ion Ratio Lower Upper

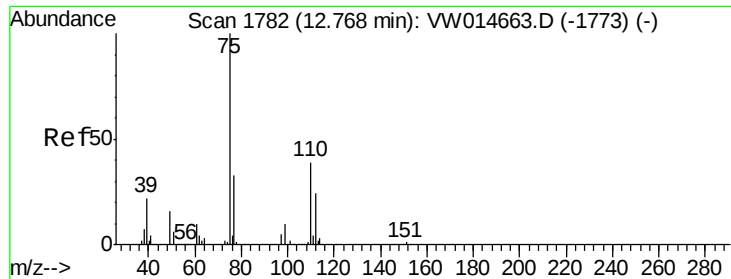
43 100

58 23.4 44.9 67.3#

57 25.7 15.3 22.9#

100 0.6 10.0 15.0#





#59

1,2,3-Trichloropropane

Concen: 5.120 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW014666.D

Acq: 16 Jan 2020 12:16

Instrument :

MSVOA_W

ClientSampleId :

GASJ9

Tot Ion: 75 Resp: 56234

Ion Ratio Lower Upper

75 100

77 36.0 26.2 39.2

