

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121019\
 Data File : VW014283.D
 Acq On : 10 Dec 2019 15:50
 Operator : SY/VA
 Sample : K6171-18
 Misc : 5.40G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 11 04:11:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 11 04:05:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1072050	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	912612	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	317587	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	422677	26.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.16%
7) Chloroethane-d5	2.89	69	325857	27.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.00%
10) 1,1-Dichloroethene-d2	4.02	63	568174	19.82	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.28%
20) 2-Butanone-d5	7.07	46	201176	47.56	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.12%
24) Chloroform-d	7.65	84	772849	28.31	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	113.24%
26) 1,2-Dichloroethane-d4	8.31	65	406846	28.43	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.72%
29) Benzene-d6	8.27	84	1582492	29.59	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	118.36%
33) 1,2-Dichloropropane-d6	9.27	67	507062	30.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	123.24%#
37) Toluene-d8	10.32	98	1337829	27.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	110.64%
38) trans-1,3-Dichloropropene-	10.57	79	175168	25.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.48%
39) 2-Hexanone-d5	10.92	63	160639	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	369211	27.53	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.12%
61) 1,2-Dichlorobenzene-d4	13.85	152	351310	28.95	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	115.80%

Target Compounds

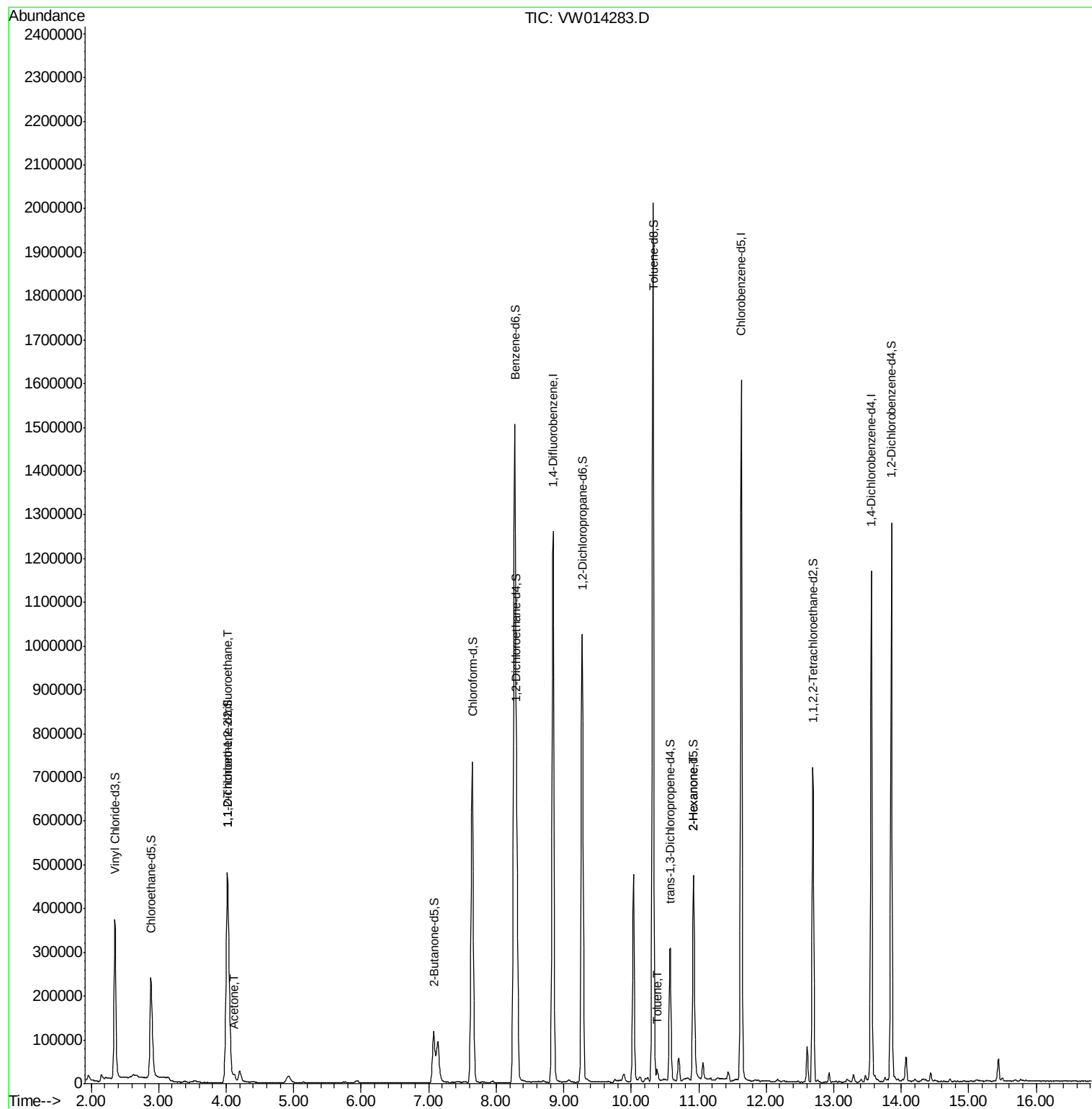
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
11) 1,1,2-Trichloro-1,2,2-trif	4.02	101	5791	0.410	ug/L #	17
13) Acetone	4.12	43	24581	6.027	ug/L	99
44) Toluene	10.38	91	19449	0.321	ug/L	98
49) 2-Hexanone	10.92	43	27531	3.950	ug/L #	63

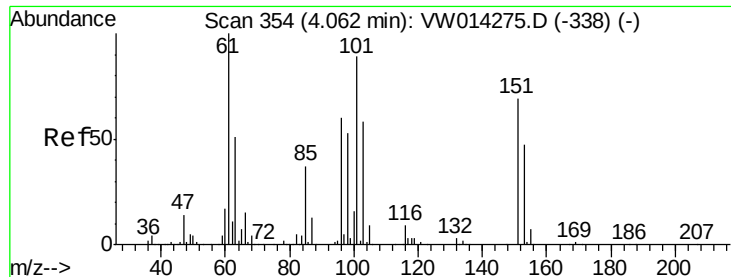
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Dec 11 04:05:19 2019
Response via : Initial Calibration





#11

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

Concen: 0.410 ug/L

RT: 4.02 min Scan# 347

Delta R.T. -0.04 min

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ClientSampleId :

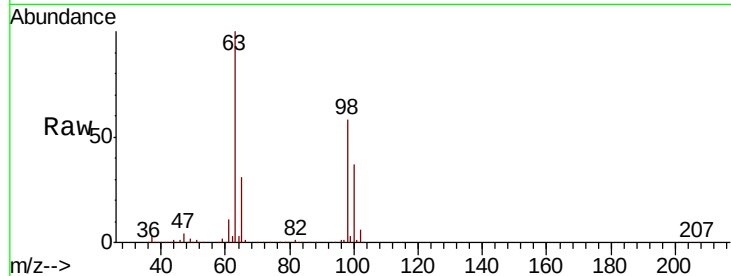
Tot Ion:101 Resp: 5791

Ion Ratio Lower Upper

101 100

85 0.7 31.4 47.2#

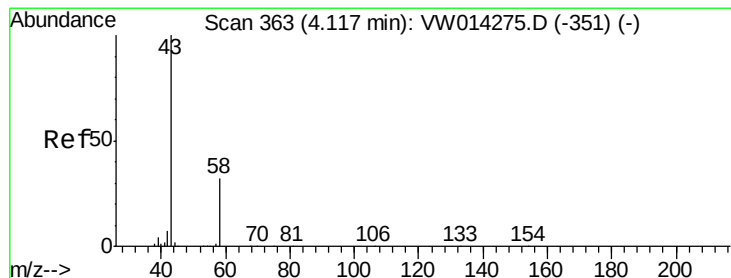
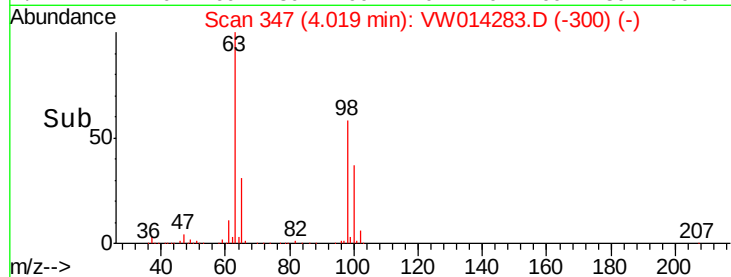
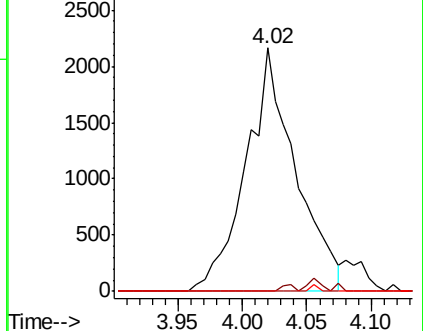
151 0.0 66.9 100.3#



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: 6.027 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW014283.D

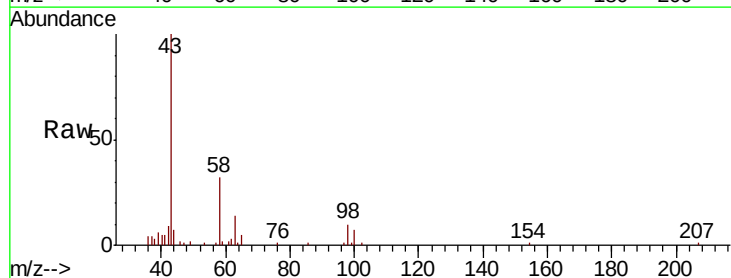
Acq: 10 Dec 2019 15:50

Tgt Ion: 43 Resp: 24581

Ion Ratio Lower Upper

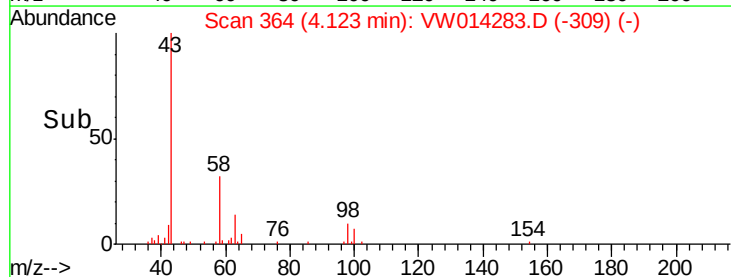
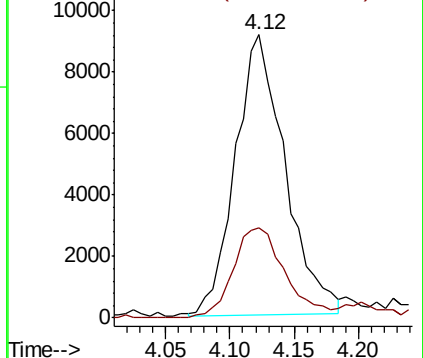
43 100

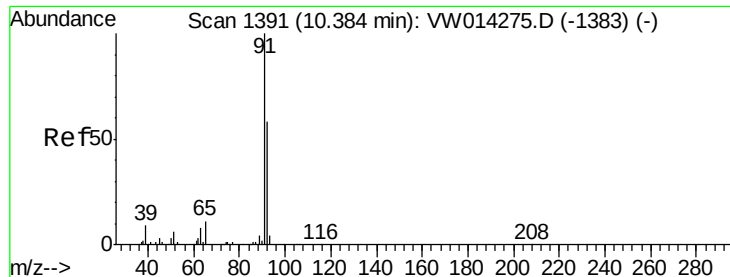
58 33.3 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#44

Toluene

Concen: 0.321 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

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Instrument :

MSVOA_W

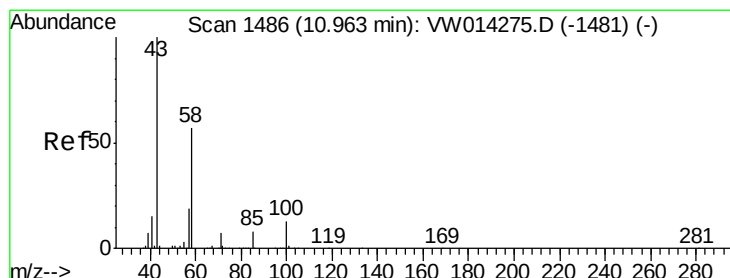
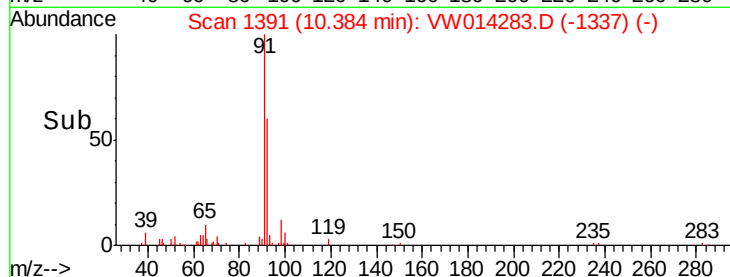
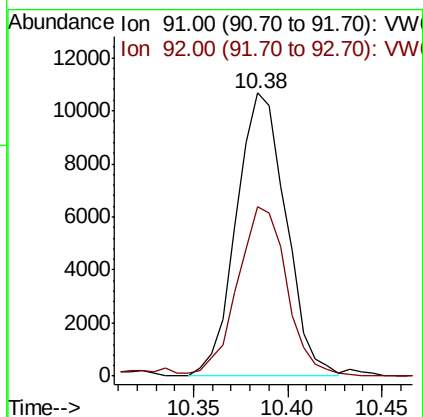
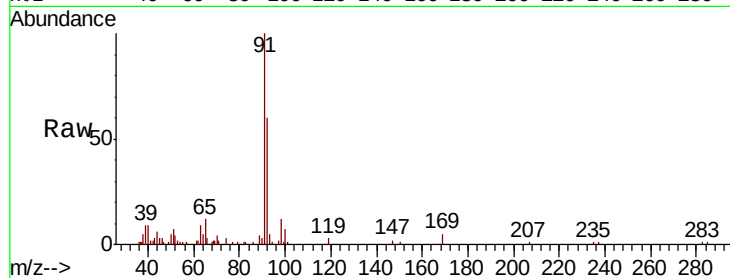
ClientSampleId :

Tot Ion: 91 Resp: 19449

Ion Ratio Lower Upper

91 100

92 59.7 40.7 75.7



#49

2-Hexanone

Concen: 3.950 ug/L

RT: 10.92 min Scan# 1479

Delta R.T. -0.04 min

Lab File: VW014283.D

Acq: 10 Dec 2019 15:50

Tgt Ion: 43 Resp: 27531

Ion Ratio Lower Upper

43 100

58 18.8 44.4 66.6#

57 23.2 16.5 24.7

100 2.4 11.1 16.7#

