

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122719\
 Data File : VW014486.D
 Acq On : 28 Dec 2019 03:02
 Operator : SY/VA
 Sample : K6397-02
 Misc : 5.03G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 28 03:27:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 28 03:24:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1214277	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1083688	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	505483	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	415156	24.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.00%
7) Chloroethane-d5	2.89	69	307008	24.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.36%
10) 1,1-Dichloroethene-d2	4.02	63	564354	18.02	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.08%
20) 2-Butanone-d5	7.07	46	262948	64.55	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	129.10%
24) Chloroform-d	7.65	84	719823	25.77	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.08%
26) 1,2-Dichloroethane-d4	8.30	65	399473	27.55	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.20%
29) Benzene-d6	8.27	84	1622578	28.16	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	112.64%
33) 1,2-Dichloropropane-d6	9.27	67	490222	28.29	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.16%
37) Toluene-d8	10.32	98	1481083	28.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	113.40%
38) trans-1,3-Dichloropropene-	10.57	79	197607	27.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	110.44%
39) 2-Hexanone-d5	10.92	63	211166	71.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	142.54%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	395283	30.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	121.52%#
61) 1,2-Dichlorobenzene-d4	13.85	152	501843	30.13	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	120.52%#

Target Compounds

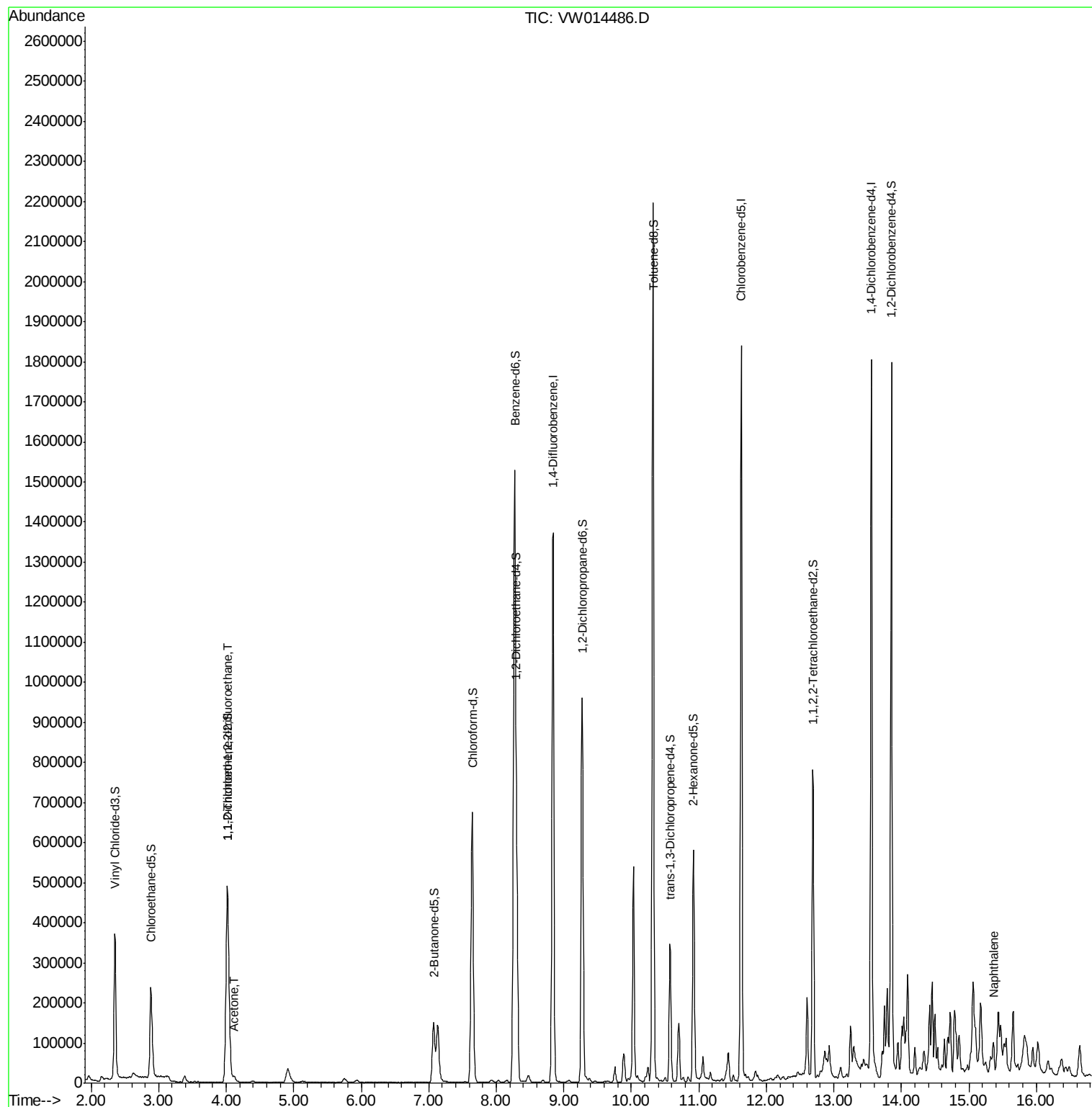
					Ovalue
11) 1,1,2-Trichloro-1,2,2-trif	4.02	101	6662	0.420 ug/L #	21
13) Acetone	4.12	43	22090	3.917 ug/L	69
69) Naphthalene	15.36	128	49397	1.610 ug/L	99

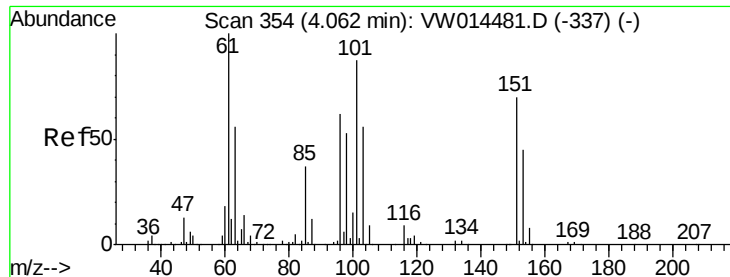
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Dec 28 03:24:24 2019
Response via : Initial Calibration





#11

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

Concen: 0.420 ug/L

RT: 4.02 min Scan# 347

Delta R.T. -0.04 min

Lab File: VW014486.D

Acq: 28 Dec 2019 03:02

Instrument :

MSVOA_W

ClientSampled :

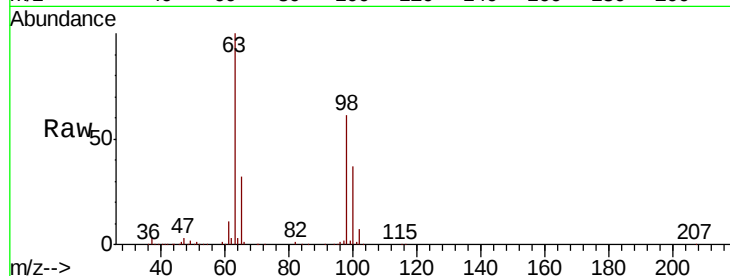
Tot Ion:101 Resp: 6662

Ion Ratio Lower Upper

101 100

85 0.7 33.3 49.9#

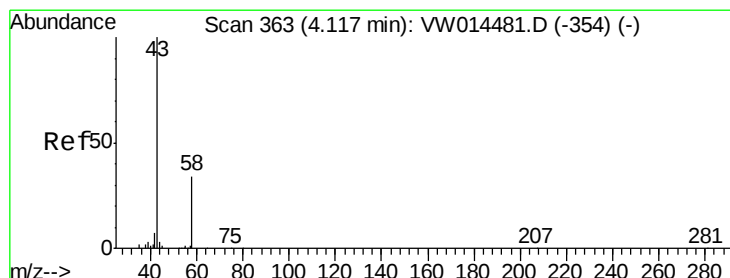
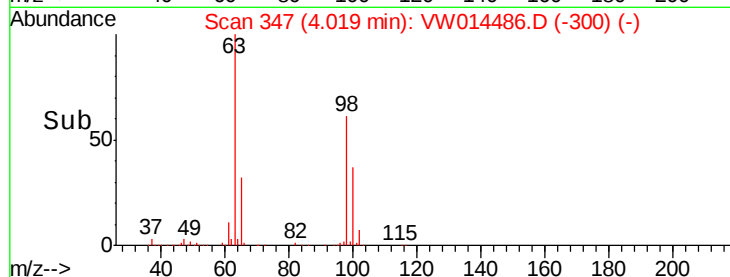
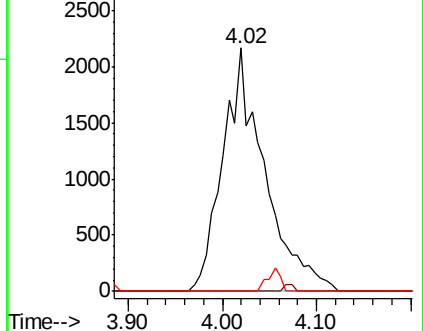
151 3.0 62.5 93.7#



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: 3.917 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

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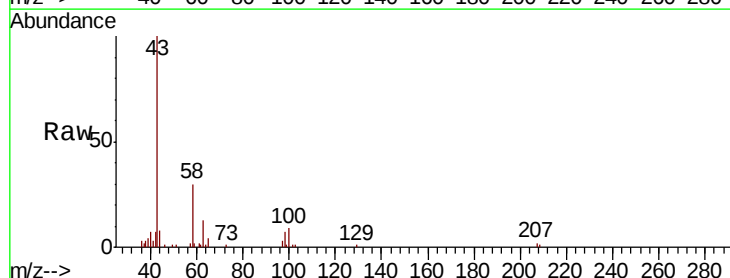
Acq: 28 Dec 2019 03:02

Tgt Ion: 43 Resp: 22090

Ion Ratio Lower Upper

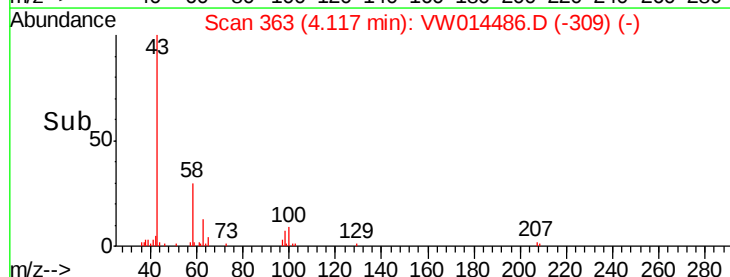
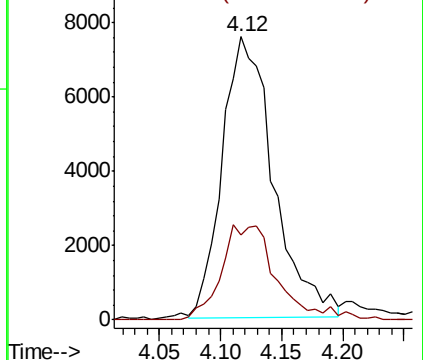
43 100

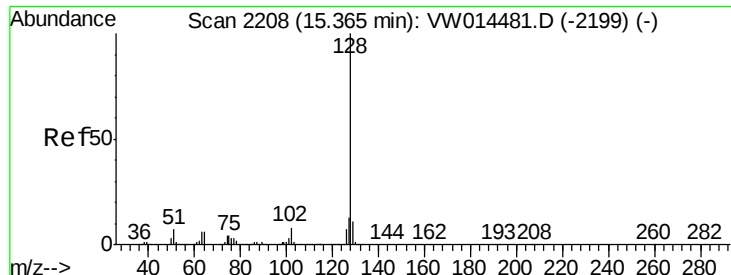
58 14.9 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#69

Naphthalene

Concen: 1.610 ug/L

RT: 15.36 min Scan# 2208

Delta R.T. -0.00 min

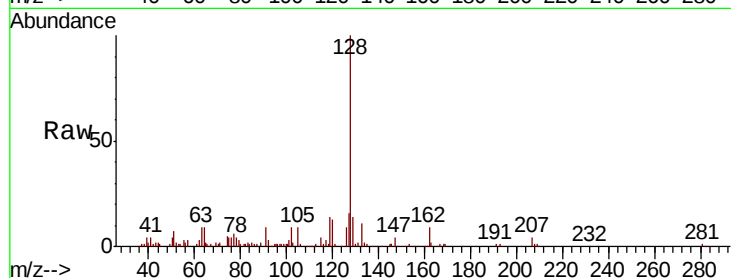
Lab File: VW014486.D

Acq: 28 Dec 2019 03:02

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MSVOA_W

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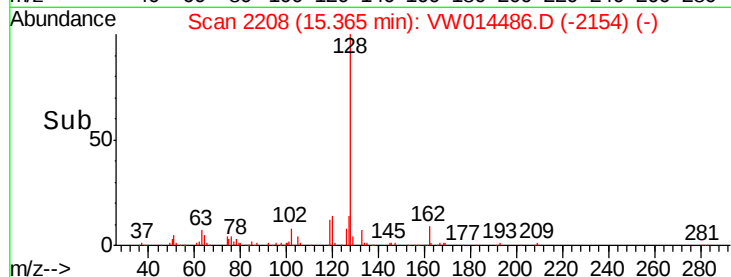
Tot Ion:128 Resp: 49397

Ion Ratio Lower Upper

128 100

129 10.7 8.8 13.2

127 14.0 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

