

Data File : VW014435.D
Acq On : 18 Dec 2019 16:19
Operator : SY/VA
Sample : K6257-17
Misc : 4.75G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFF02

Quant Time: Dec 19 01:10:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 19 01:06:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1096268	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1012777	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	433893	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	269063	16.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.84%
7) Chloroethane-d5	2.88	69	231374	18.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.00%
10) 1,1-Dichloroethene-d2	4.01	63	404095	13.78	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.12%
20) 2-Butanone-d5	7.07	46	187424	43.33	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.66%
24) Chloroform-d	7.64	84	601202	21.54	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.16%
26) 1,2-Dichloroethane-d4	8.30	65	328290	22.43	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.72%
29) Benzene-d6	8.27	84	1194929	20.13	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.52%
33) 1,2-Dichloropropane-d6	9.27	67	394948	21.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.52%
37) Toluene-d8	10.32	98	1057202	19.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.80%
38) trans-1,3-Dichloropropene-	10.57	79	145141	18.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.76%
39) 2-Hexanone-d5	10.92	63	142240	39.17	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.34%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	309861	20.82	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.28%
61) 1,2-Dichlorobenzene-d4	13.85	152	365863	22.07	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.28%

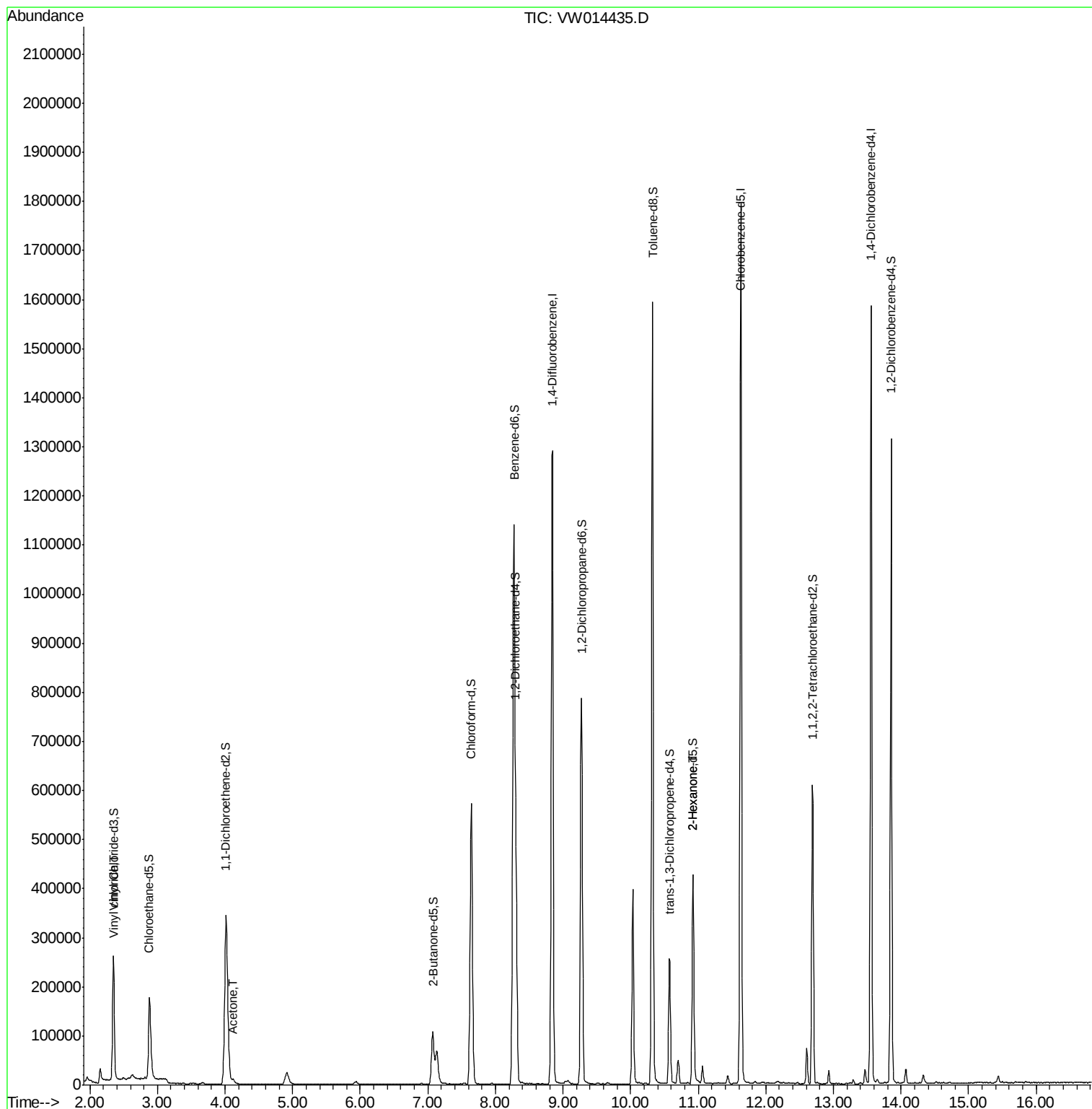
Target Compounds					Qvalue
5) Vinyl chloride	2.36	62	8057	0.519 ug/L #	4
13) Acetone	4.12	43	13251	3.177 ug/L	77
49) 2-Hexanone	10.92	43	17465	2.258 ug/L #	69

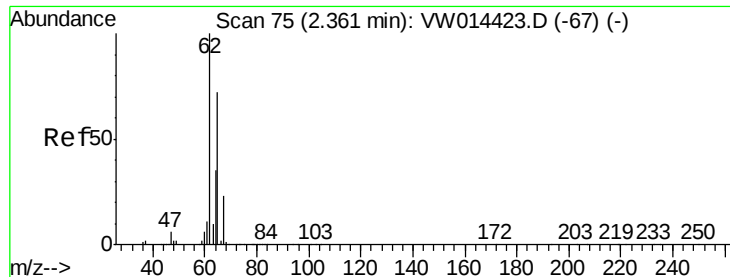
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.519 ug/L

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

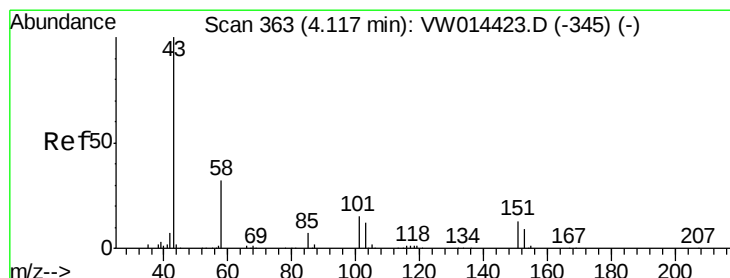
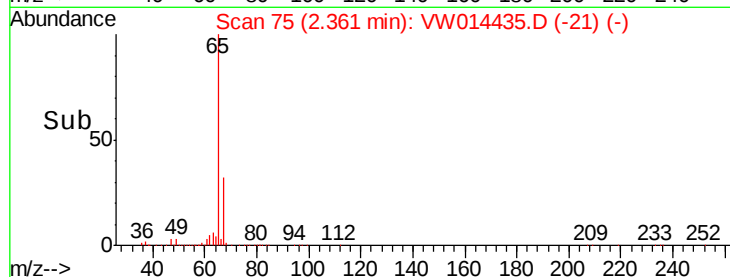
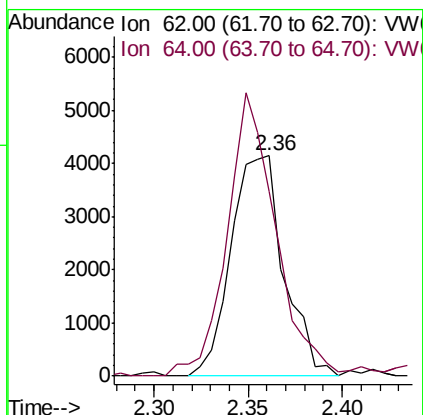
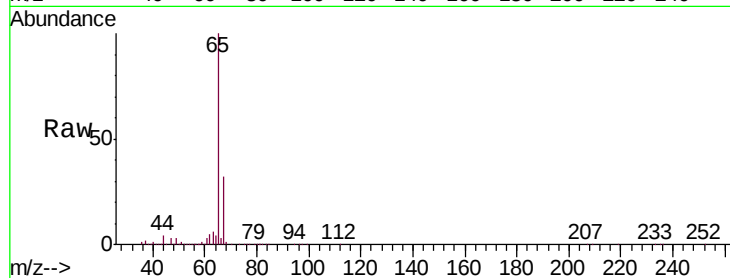
BFF02

Tgt Ion: 62 Resp: 8057

Ion Ratio Lower Upper

62 100

64 84.1 21.8 40.4#



#13

Acetone

Concen: 3.177 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

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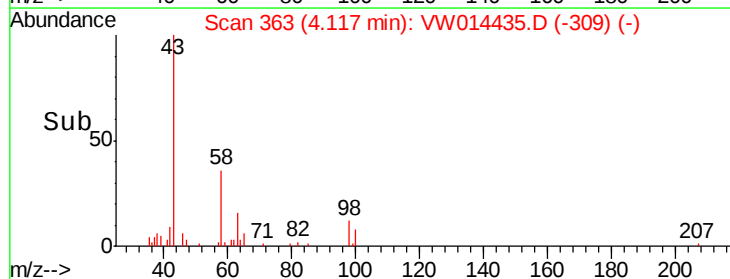
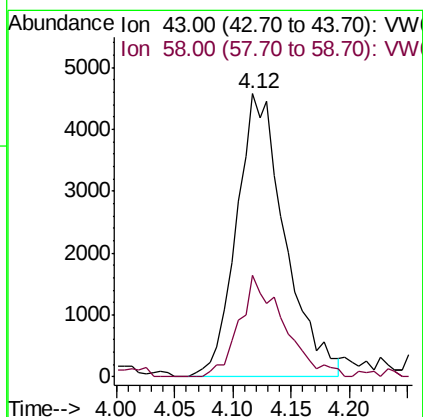
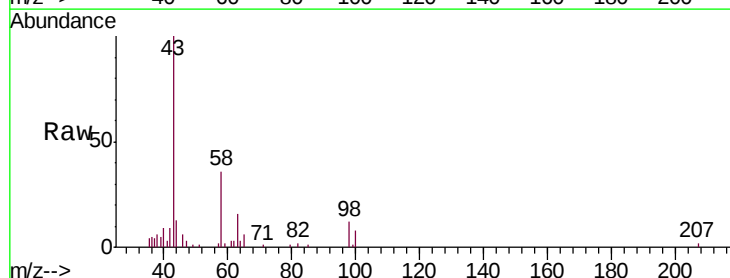
Acq: 18 Dec 2019 16:19

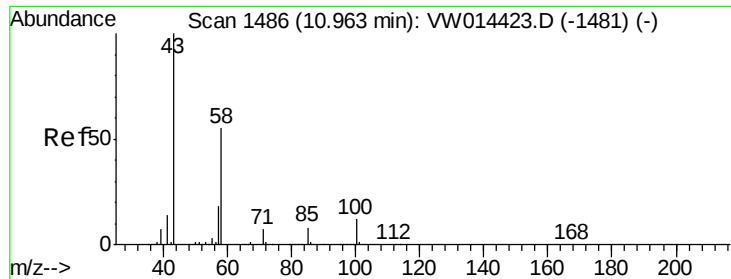
Tgt Ion: 43 Resp: 13251

Ion Ratio Lower Upper

43 100

58 19.8 0.0 65.4





#49

2-Hexanone

Concen: 2.258 ug/L

RT: 10.92 min Scan# 1479

Delta R.T. -0.04 min

Lab File: VW014435.D

Acq: 18 Dec 2019 16:19

Instrument :

MSVOA_W

ClientSampleId :

BFF02

Tgt Ion: 43 Resp: 17465

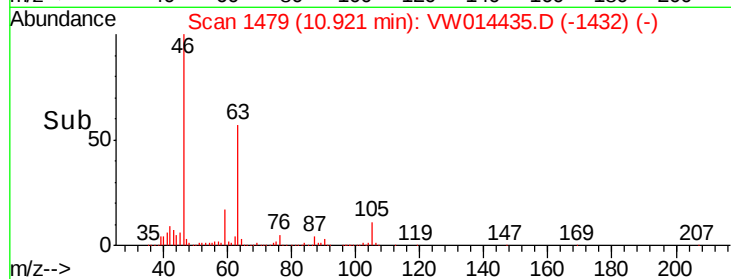
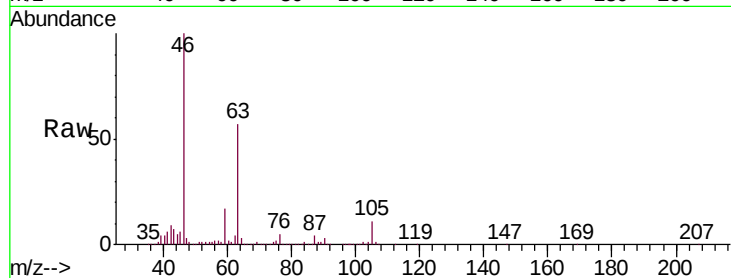
Ion Ratio Lower Upper

43 100

58 31.0 44.4 66.6#

57 33.3 16.5 24.7#

100 2.8 11.1 16.7#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW

