

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121719\
 Data File : VW014419.D
 Acq On : 18 Dec 2019 03:31
 Operator : SY/VA
 Sample : K6257-07
 Misc : 4.20G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFEW7

Manual Integrations
 APPROVED

MMDadoda
 12/18/2019 3:39:55 PM

Quant Time: Dec 18 05:44:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 18 03:31:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	932778	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	842028	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	304858	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	263160	18.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.52%
7) Chloroethane-d5	2.89	69	232367	22.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.52%
10) 1,1-Dichloroethene-d2	4.01	63	386781	15.50	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.00%
20) 2-Butanone-d5	7.07	46	159297	43.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.56%
24) Chloroform-d	7.65	84	593965	25.01	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.04%
26) 1,2-Dichloroethane-d4	8.31	65	326205	26.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.80%
29) Benzene-d6	8.27	84	1186827	24.05	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.20%
33) 1,2-Dichloropropane-d6	9.27	67	389266	25.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.56%
37) Toluene-d8	10.32	98	1009356	22.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.48%
38) trans-1,3-Dichloropropene-	10.57	79	134030	21.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.16%
39) 2-Hexanone-d5	10.92	63	123899	41.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.08%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	283506	22.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	299905	25.74	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.96%

Target Compounds					Ovalue
13) Acetone	4.12	43	41321	11.644 ug/L	97
16) Methylene chloride	4.92	84	28987	2.027 ug/L	96
21) 2-Butanone	7.17	43	16588m	3.482 ug/L	

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

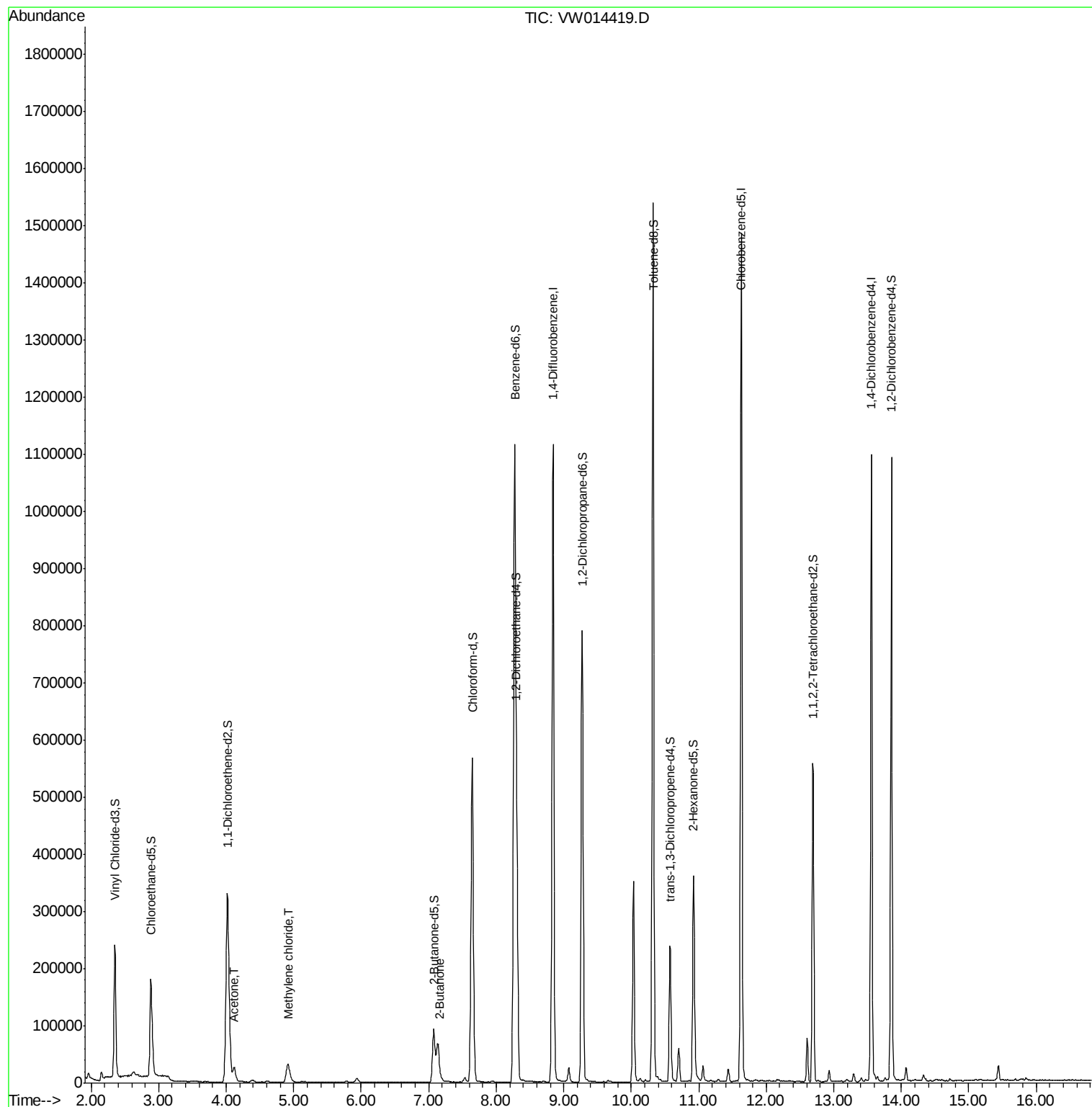
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121719\
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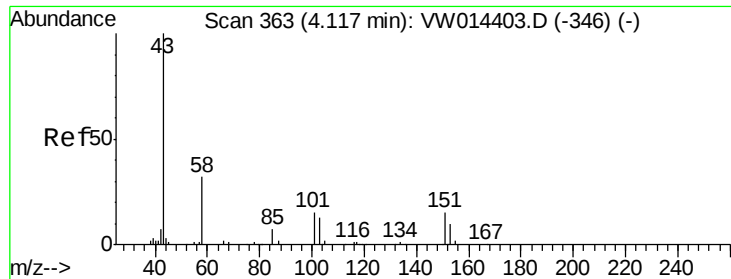
Instrument :
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Quant Title : VOC Analysis
QLast Update : Wed Dec 18 03:31:53 2019
Response via : Initial Calibration





#13

Acetone

Concen: 11.644 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW014419.D

Acq: 18 Dec 2019 03:31

Instrument :

MSVOA_W

ClientSampled :

BFEW7

Tot Ion: 43 Resp: 41321

Ion Ratio Lower Upper

43 100

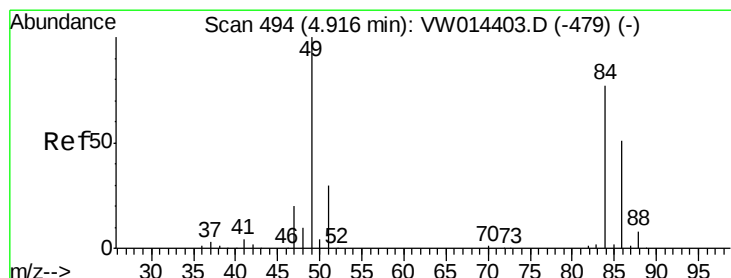
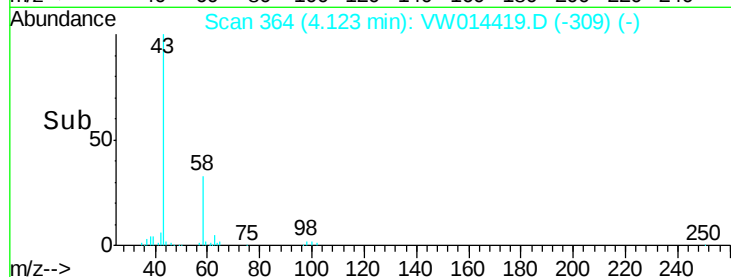
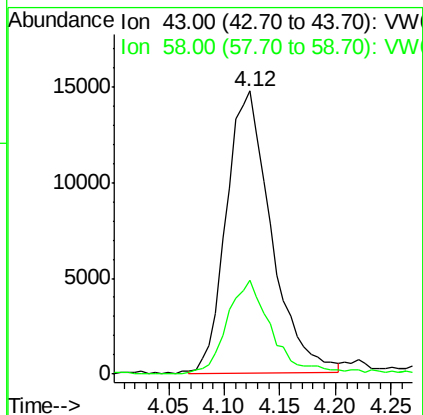
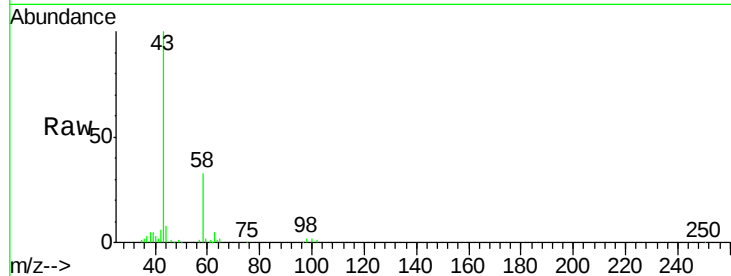
58 31.2 0.0 65.4

Manual Integrations

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12/18/2019 3:39:55 PM



#16

Methylene chloride

Concen: 2.027 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW014419.D

Acq: 18 Dec 2019 03:31

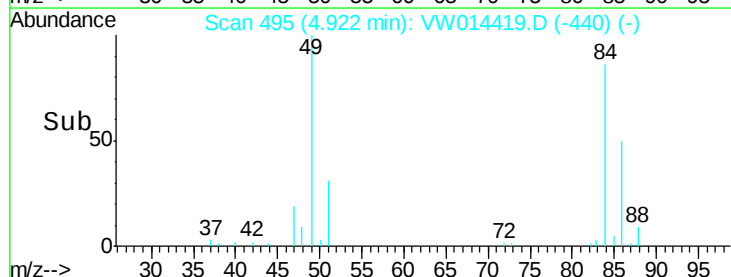
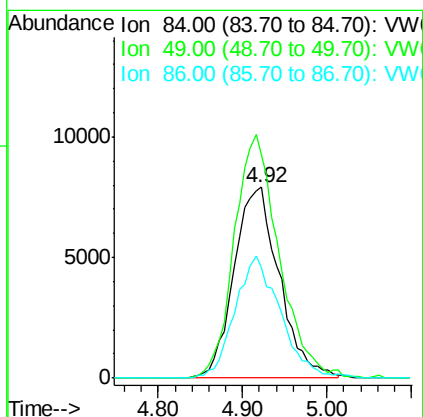
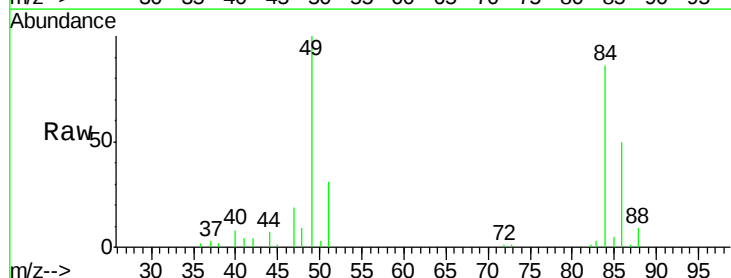
Tgt Ion: 84 Resp: 28987

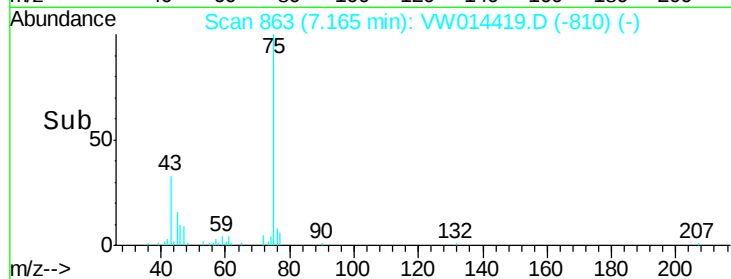
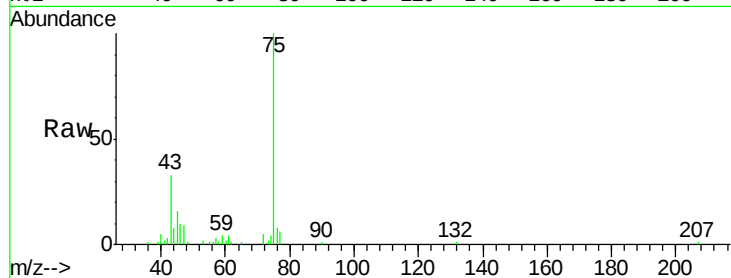
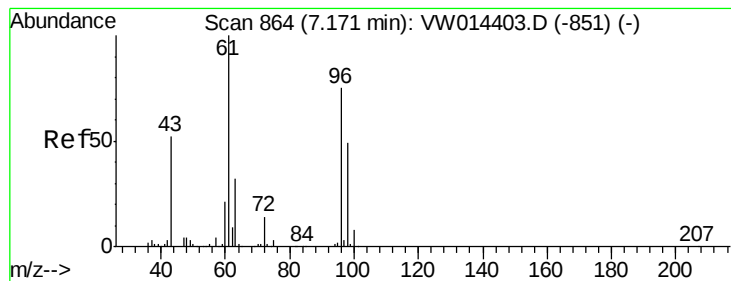
Ion Ratio Lower Upper

84 100

49 116.6 84.2 156.4

86 57.9 43.7 81.1





#21

2-Butanone

Concen: 3.482 ug/L m

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW014419.D

Acq: 18 Dec 2019 03:31

Tot Ion: 43 Resp: 16588

Ion Ratio Lower Upper

43 100

72 1.6 14.1 42.2#

Instrument :

MSVOA_W

ClientSampleId :

BFEW7

Manual Integrations

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