

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121819\
 Data File : VW014452.D
 Acq On : 19 Dec 2019 00:39
 Operator : SY/VA
 Sample : K6279-11RE
 Misc : 5.29G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFEY5RE

Manual Integrations
 APPROVED

MMDadoda
 12/19/2019 2:02:44 PM

Quant Time: Dec 19 06:19:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 19 04:35:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	833798	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	686362	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	202591	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	226076	17.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.64%
7) Chloroethane-d5	2.89	69	202641	21.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.36%
10) 1,1-Dichloroethene-d2	4.02	63	321064	14.40	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.60%
20) 2-Butanone-d5	7.07	46	64539	19.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	39.24%
24) Chloroform-d	7.65	84	500520	23.58	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.32%
26) 1,2-Dichloroethane-d4	8.30	65	271239	24.37	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.48%
29) Benzene-d6	8.27	84	972252	24.17	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.68%
33) 1,2-Dichloropropane-d6	9.27	67	324347	26.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.84%
37) Toluene-d8	10.32	98	773865	21.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.12%
38) trans-1,3-Dichloropropene-	10.57	79	70784	13.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	54.52%
39) 2-Hexanone-d5	10.93	63	42785	17.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	34.78%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	218598	21.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	173941	22.47	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.88%

Target Compounds					Ovalue
13) Acetone	4.12	43	24987	7.877 ug/L	100
16) Methylene chloride	4.92	84	20829	1.630 ug/L	94
21) 2-Butanone	7.14	43	29498m	6.926 ug/L	

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

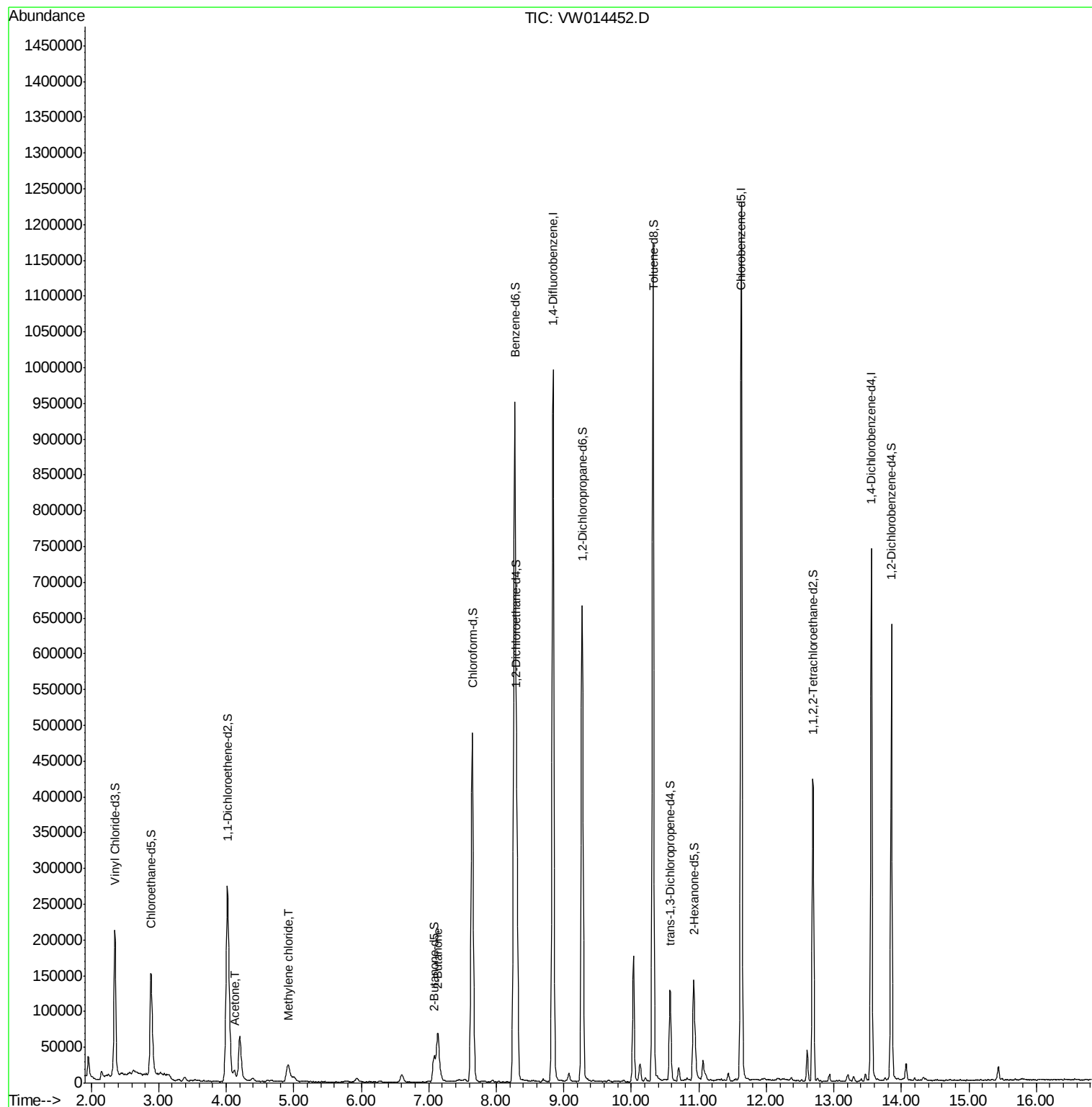
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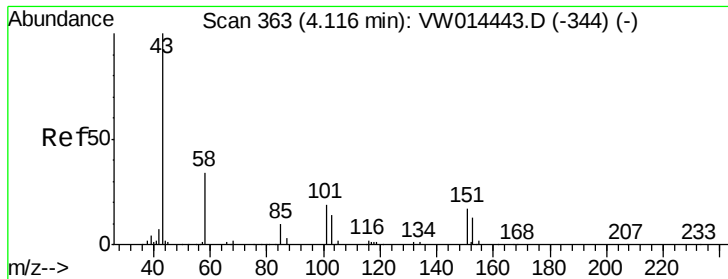
Instrument :
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QLast Update : Thu Dec 19 04:35:06 2019
Response via : Initial Calibration





#13

Acetone

Concen: 7.877 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW014452.D

Acq: 19 Dec 2019 00:39

Instrument :

MSVOA_W

ClientSampleId :

BFEY5RE

Tot Ion: 43 Resp: 24987

Ion Ratio Lower Upper

43 100

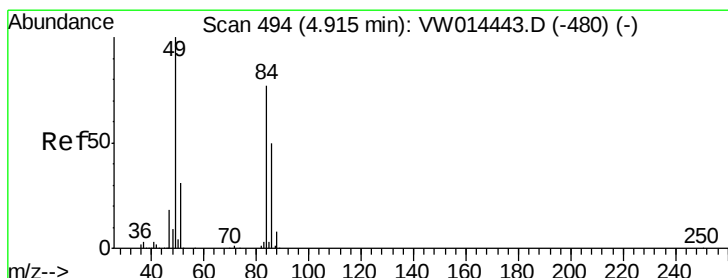
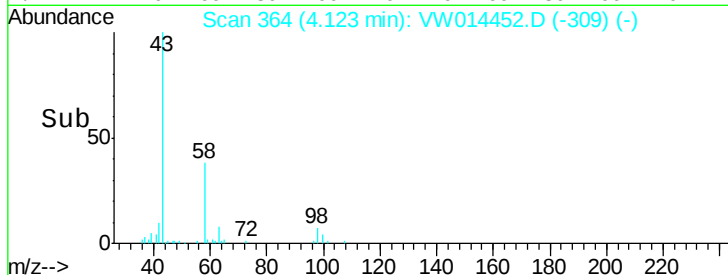
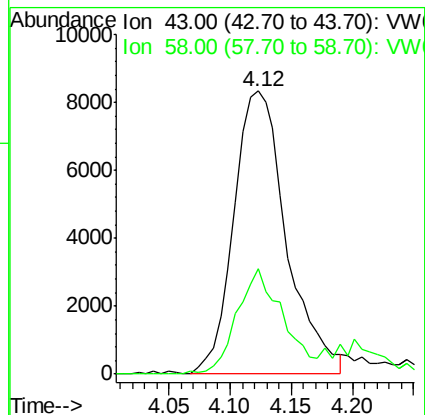
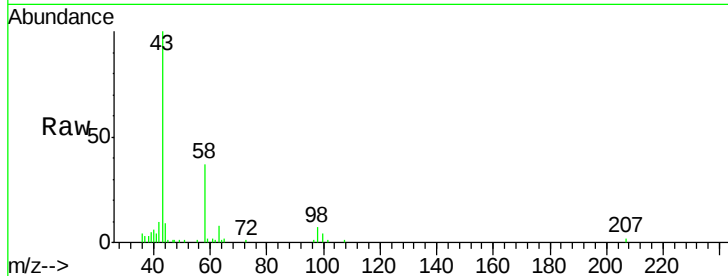
58 32.5 0.0 65.4

Manual Integrations

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12/19/2019 2:02:44 PM



#16

Methylene chloride

Concen: 1.630 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW014452.D

Acq: 19 Dec 2019 00:39

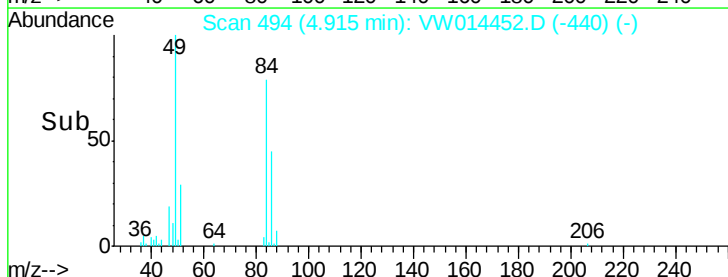
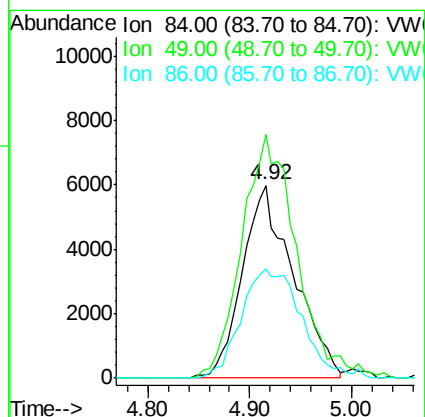
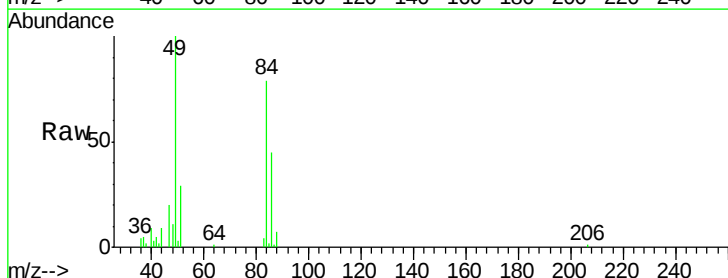
Tgt Ion: 84 Resp: 20829

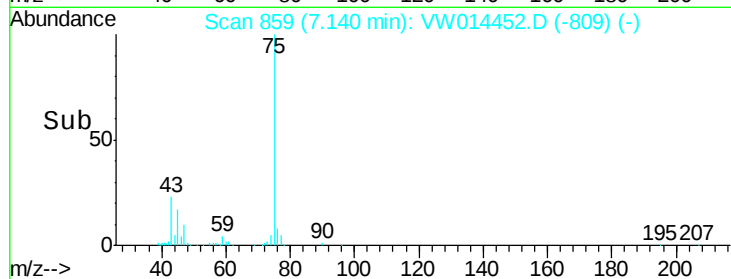
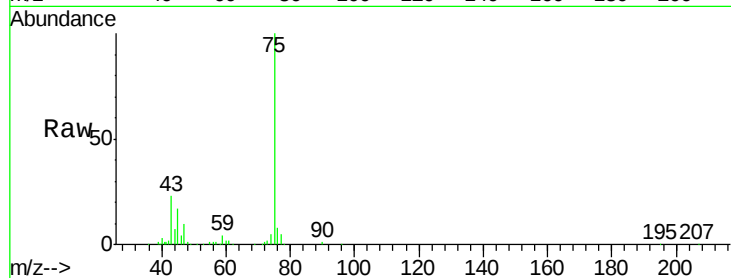
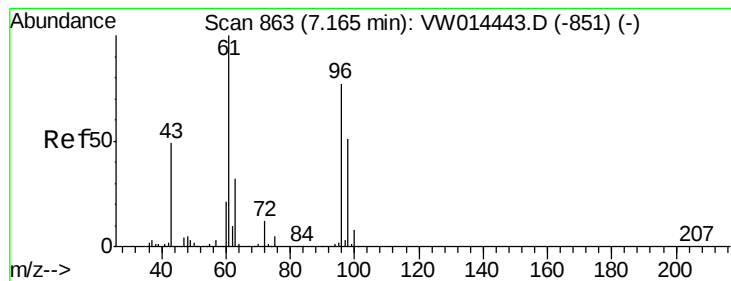
Ion Ratio Lower Upper

84 100

49 126.3 84.2 156.4

86 56.4 43.7 81.1





#21

2-Butanone

Concen: 6.926 ug/L m

RT: 7.14 min Scan# 859

Delta R.T. -0.02 min

Lab File: VW014452.D

Acq: 19 Dec 2019 00:39

Tot Ion: 43 Resp: 29498

Ion Ratio Lower Upper

43 100

72 0.1 14.1 42.2#

Instrument :

MSVOA_W

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BFEY5RE

Manual Integrations

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