

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV121219\
 Data File : VW014332.D
 Acq On : 12 Dec 2019 17:55
 Operator : SY/VA
 Sample : K6236-22
 Misc : 5.03G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFEY3

Manual Integrations
 APPROVED

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 12/16/2019 1:08:04 PM

Quant Time: Dec 13 07:42:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 13 06:08:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1299314	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1037193	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	371784	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	424058	21.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.20%
7) Chloroethane-d5	2.89	69	337652	23.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.32%
10) 1,1-Dichloroethene-d2	4.01	63	583225m	16.78	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.12%
20) 2-Butanone-d5	7.07	46	172265	33.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.20%
24) Chloroform-d	7.64	84	756240	22.86	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.44%
26) 1,2-Dichloroethane-d4	8.30	65	398179	22.96	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.84%
29) Benzene-d6	8.27	84	1612193	26.52	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.08%
33) 1,2-Dichloropropane-d6	9.27	67	502713	26.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.52%
37) Toluene-d8	10.32	98	1326721	24.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.56%
38) trans-1,3-Dichloropropene-	10.57	79	169859	21.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.60%
39) 2-Hexanone-d5	10.92	63	136342	36.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.32%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	322419	21.16	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	327062	23.02	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.08%

Target Compounds					Ovalue
13) Acetone	4.12	43	19644	3.974 ug/L	100
16) Methylene chloride	4.92	84	74404	3.735 ug/L	99

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

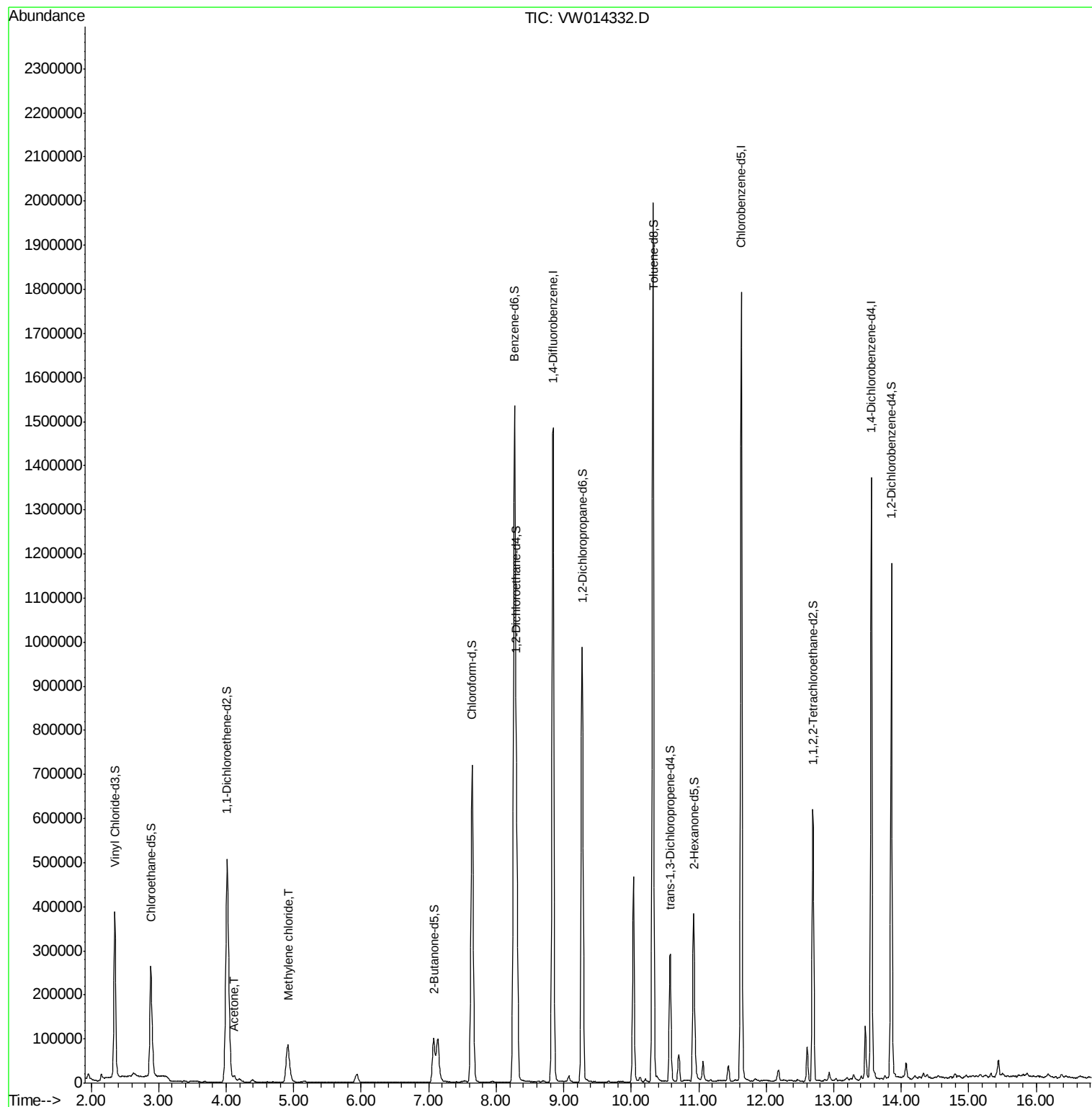
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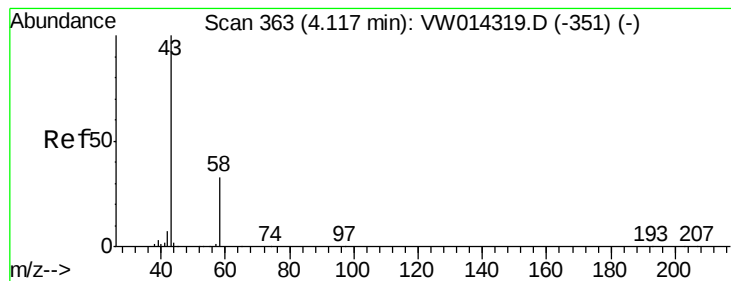
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#13

Acetone

Concen: 3.974 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW014332.D

Acq: 12 Dec 2019 17:55

Instrument :

MSVOA_W

ClientSampled :

BFEY3

Tot Ion: 43 Resp: 19644

Ion Ratio Lower Upper

43 100

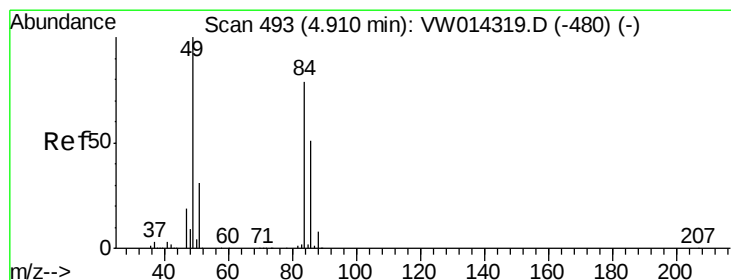
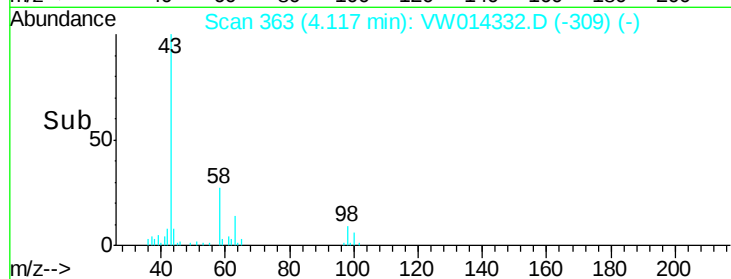
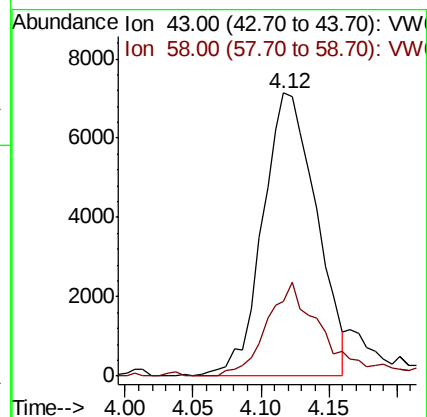
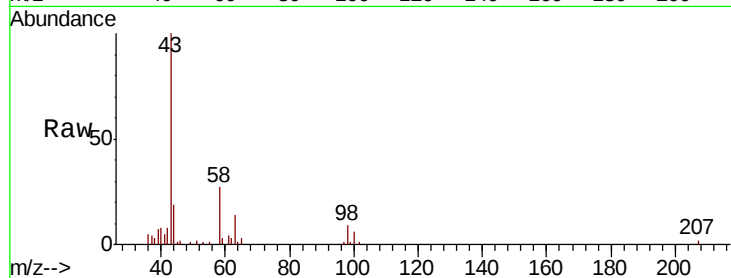
58 32.5 0.0 65.4

Manual Integrations

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12/16/2019 1:08:04 PM



#16

Methylene chloride

Concen: 3.735 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW014332.D

Acq: 12 Dec 2019 17:55

Tgt Ion: 84 Resp: 74404

Ion Ratio Lower Upper

84 100

49 122.1 84.2 156.4

86 61.5 43.7 81.1

