

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040619\
 Data File : VW009780.D
 Acq On : 06 Apr 2019 18:40
 Operator : SY/VA
 Sample : K2168-16
 Misc : 7.12G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF658

Manual Integrations
 APPROVED

MMDadoda
 4/11/2019 11:43:10 AM

Quant Time: Apr 07 06:50:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Sun Apr 07 03:56:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	371471	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	360862	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	148971	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	83247	17.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.52%
7) Chloroethane-d5	2.89	69	85851	19.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.12%
10) 1,1-Dichloroethene-d2	4.01	63	158524	15.16	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.64%
20) 2-Butanone-d5	7.08	46	93905	59.50	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.00%
24) Chloroform-d	7.64	84	245321	24.20	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	8.31	65	160971	25.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.48%
29) Benzene-d6	8.27	84	431045	22.75	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.00%
33) 1,2-Dichloropropane-d6	9.27	67	142829	24.41	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.64%
37) Toluene-d8	10.32	98	373079	21.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.20%
38) trans-1,3-Dichloropropene-	10.58	79	58281	20.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.52%
39) 2-Hexanone-d5	10.93	63	60780	55.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.22%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	138953	25.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.16%
61) 1,2-Dichlorobenzene-d4	13.85	152	132313	25.31	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.24%

Target Compounds					Ovalue
13) Acetone	4.12	43	26829	15.865 ug/L	94
16) Methylene chloride	4.92	84	13032m	1.989 ug/L	
47) Tetrachloroethene	10.87	164	2202	0.492 ug/L	89

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

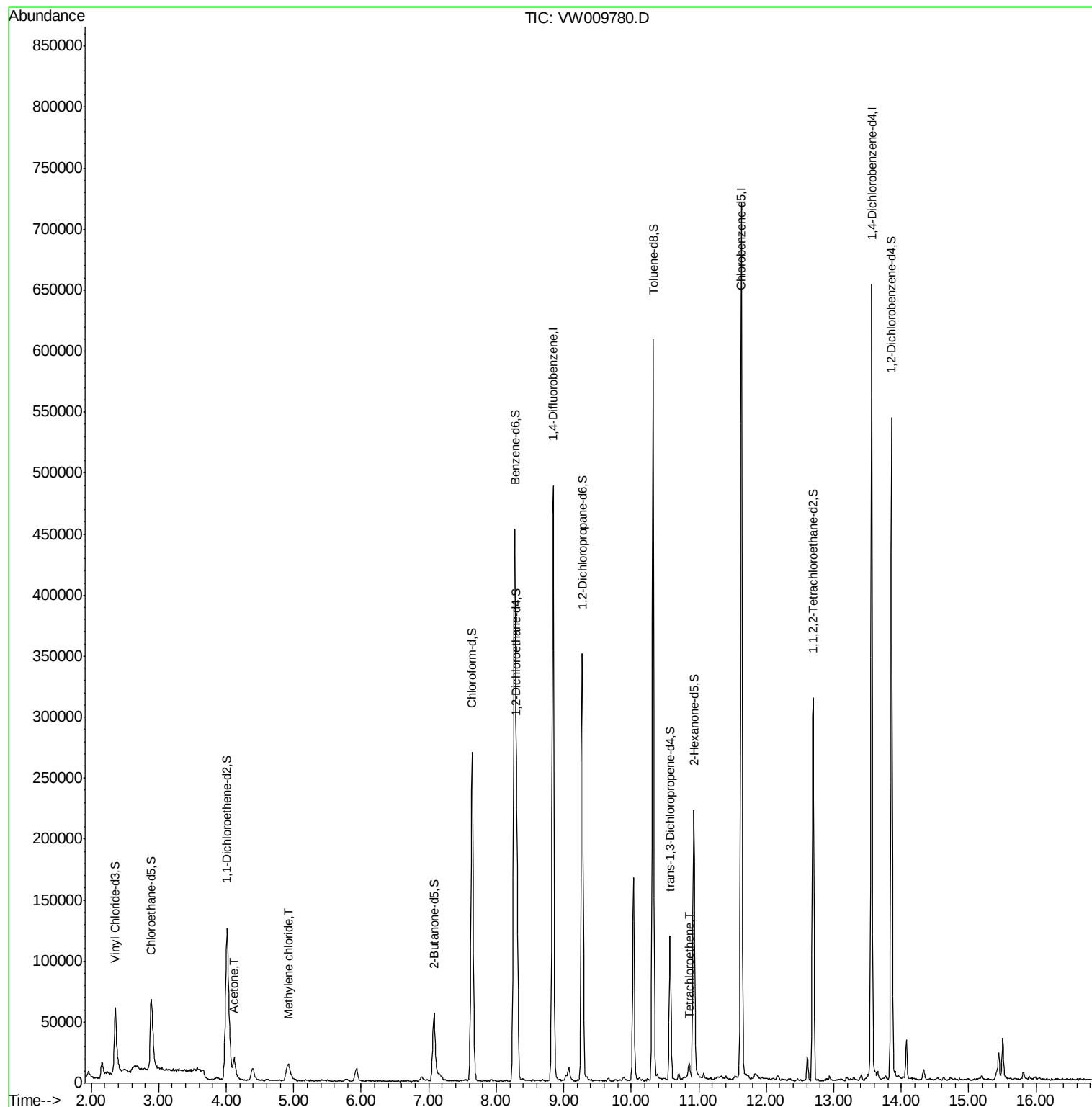
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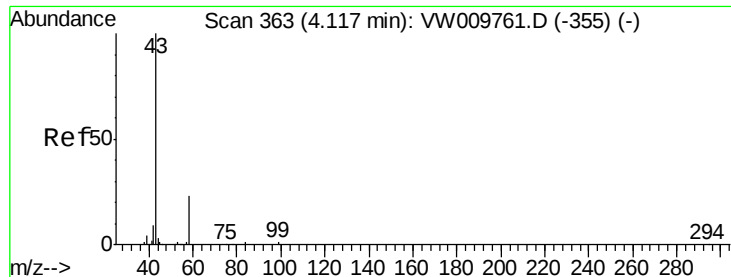
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#13

Acetone

Concen: 15.865 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW009780.D

Acq: 06 Apr 2019 18:40

Instrument :

MSVOA_W

ClientSampled :

BF658

Tot Ion: 43 Resp: 26829

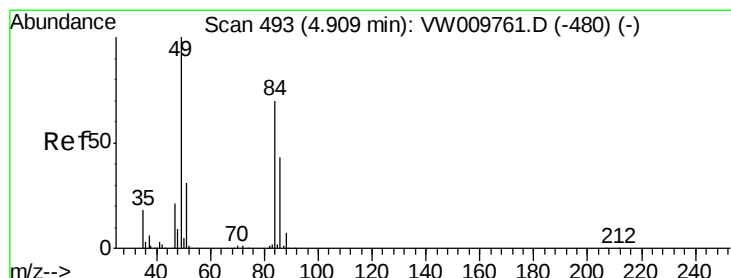
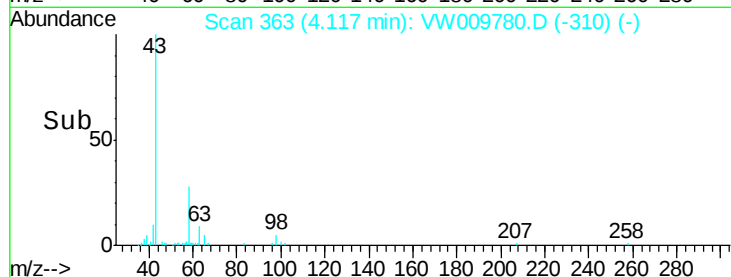
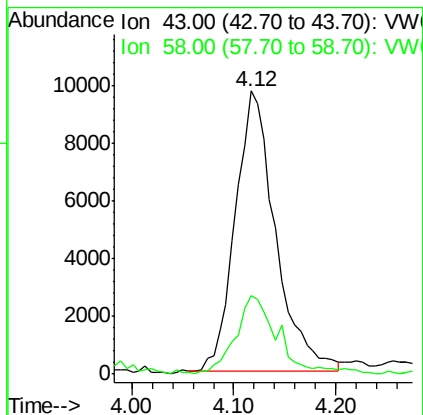
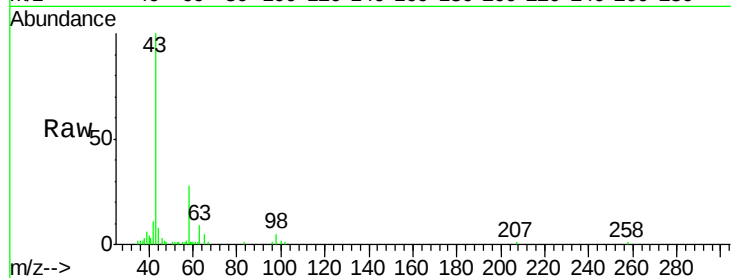
Ion Ratio Lower Upper

43 100

58 23.2 0.0 53.0

Manual Integrations
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4/11/2019 11:43:10 AM



#16

Methylene chloride

Concen: 1.989 ug/L m

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW009780.D

Acq: 06 Apr 2019 18:40

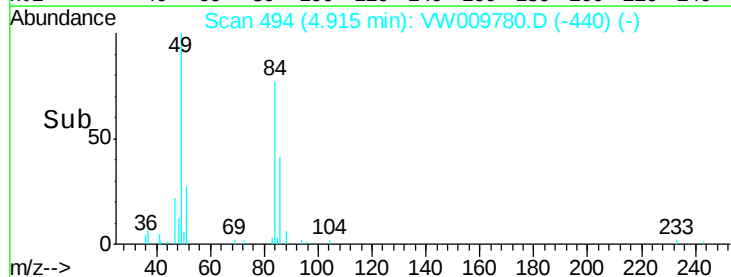
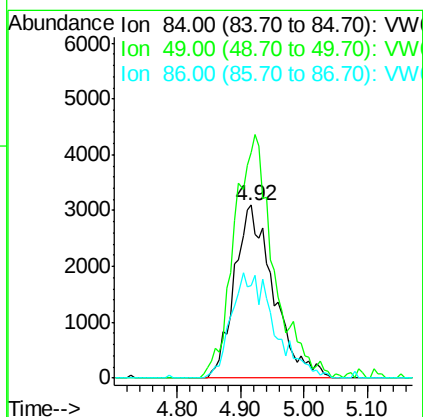
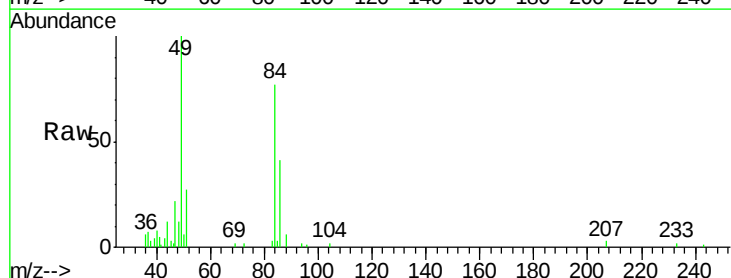
Tgt Ion: 84 Resp: 13032

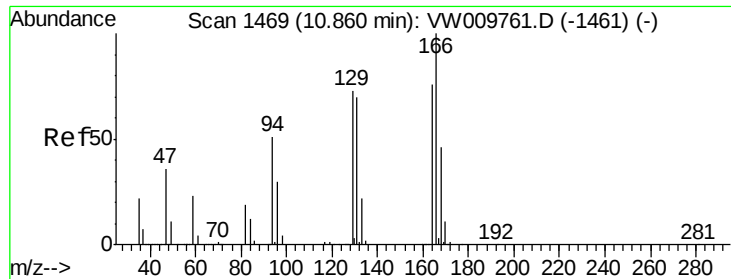
Ion Ratio Lower Upper

84 100

49 130.5 98.3 182.5

86 53.8 46.4 86.2





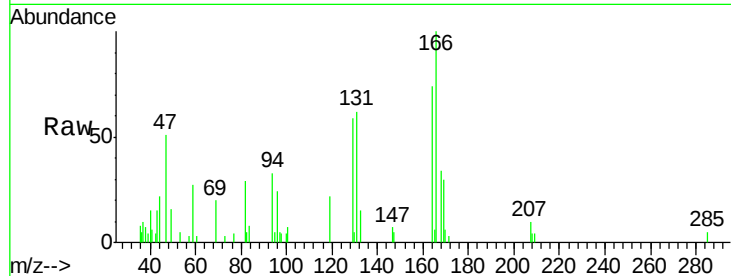
#47
Tetrachloroethene
Concen: 0.492 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
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Acq: 06 Apr 2019 18:40

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Tot Ion:	164	Resp:	2202
Ion Ratio	Lower	Upper	
164	100		
129	79.6	68.9	127.9
131	84.2	63.1	117.1
166	135.3	88.5	164.4

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Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

