

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042919\
 Data File : VW010192.D
 Acq On : 29 Apr 2019 20:51
 Operator : SY/VA
 Sample : K2596-20
 Misc : 3.66G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 30 04:35:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Apr 29 15:05:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	543923	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	479834	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	175808	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	97069	15.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.92%
7) Chloroethane-d5	2.89	69	85501	16.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.60%
10) 1,1-Dichloroethene-d2	4.01	63	184367	13.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.76%
20) 2-Butanone-d5	7.08	46	64714	28.44	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	56.88%
24) Chloroform-d	7.64	84	277867	19.71	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.84%
26) 1,2-Dichloroethane-d4	8.31	65	153845	19.00	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	76.00%
29) Benzene-d6	8.27	84	474763	18.37	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	73.48%
33) 1,2-Dichloropropane-d6	9.27	67	165563	20.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.04%
37) Toluene-d8	10.32	98	435783	18.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.20%
38) trans-1,3-Dichloropropene-	10.58	79	50730	13.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	54.56%
39) 2-Hexanone-d5	10.93	63	42205	24.88	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	49.76%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	128700	18.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	74.68%
61) 1,2-Dichlorobenzene-d4	13.86	152	126940	19.44	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	77.76%

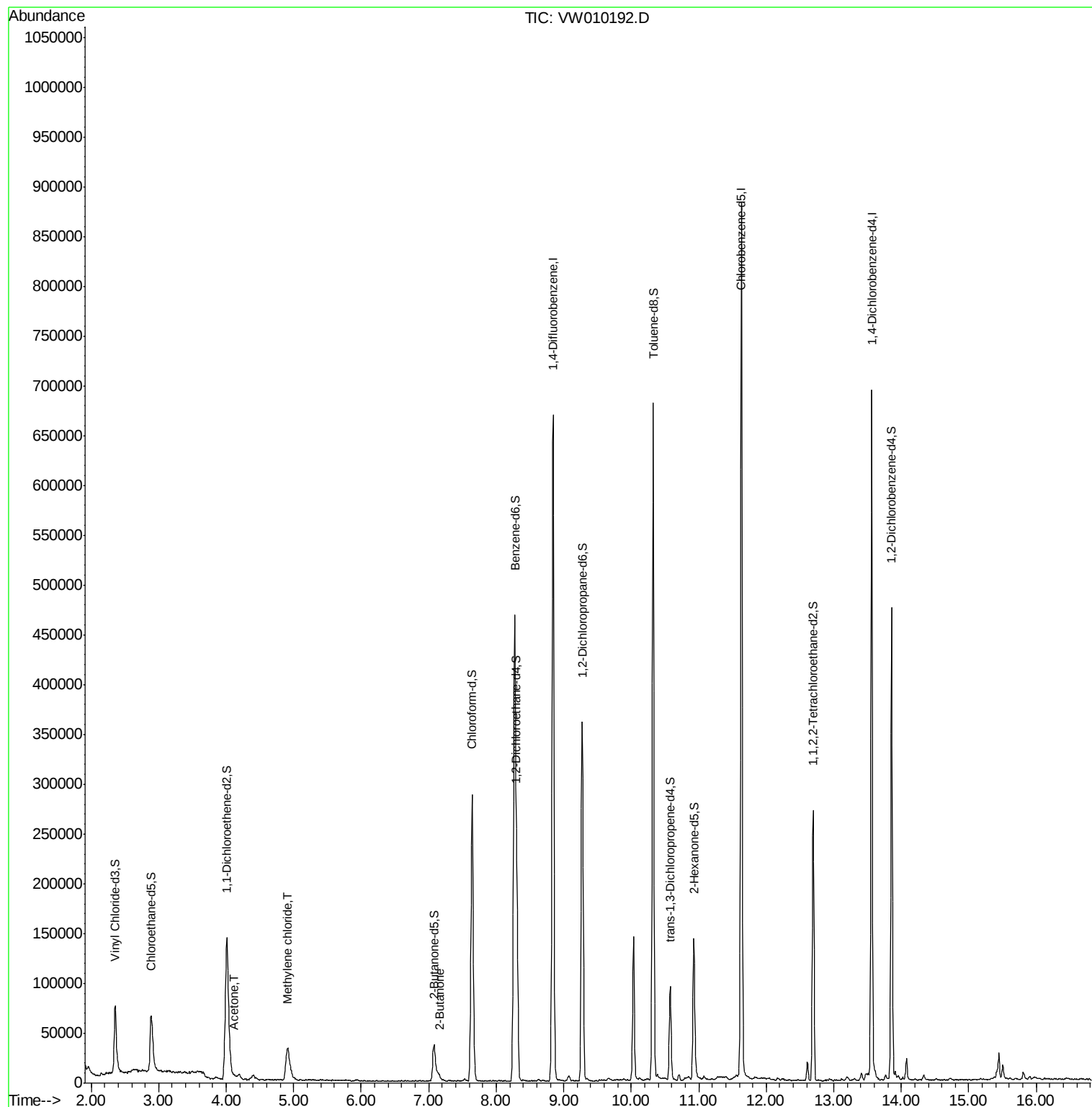
Target Compounds					Ovalue
13) Acetone	4.12	43	4392	2.442 ug/L	82
16) Methylene chloride	4.92	84	30922	3.416 ug/L	89
21) 2-Butanone	7.16	43	3851	1.527 ug/L #	58

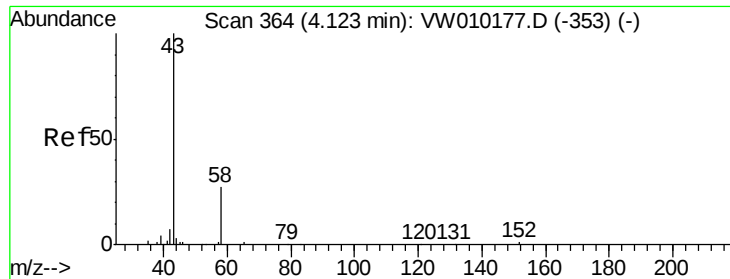
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.442 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW010192.D

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Instrument :

MSVOA_W

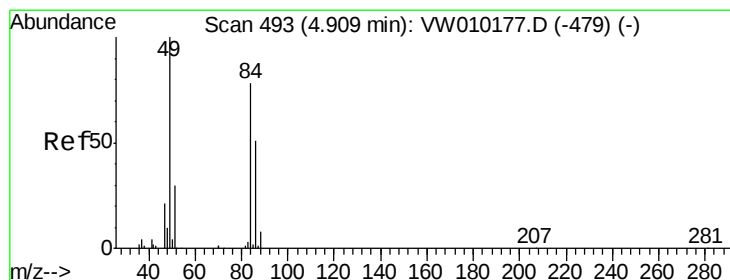
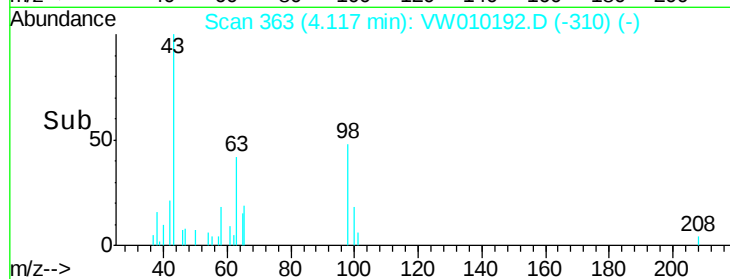
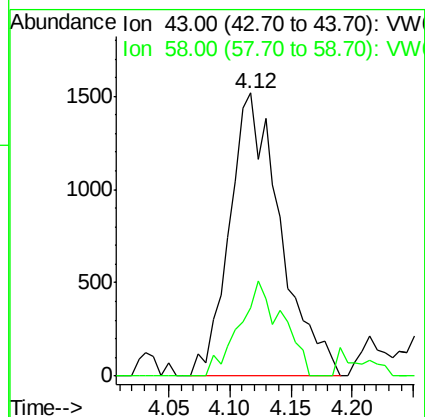
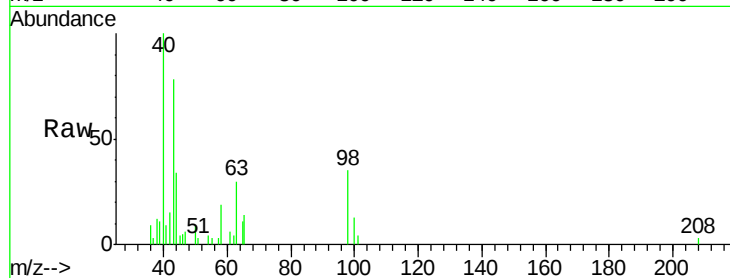
ClientSampleId :

Tot Ion: 43 Resp: 4392

Ion Ratio Lower Upper

43 100

58 20.3 0.0 59.8



#16

Methylene chloride

Concen: 3.416 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

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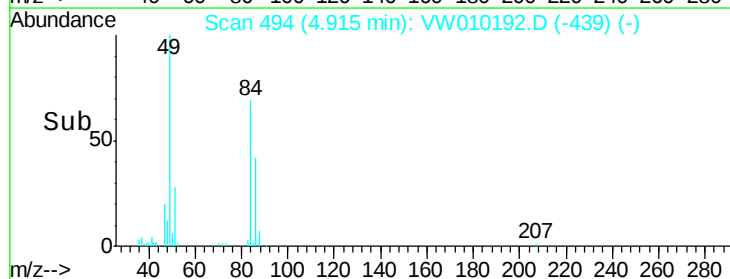
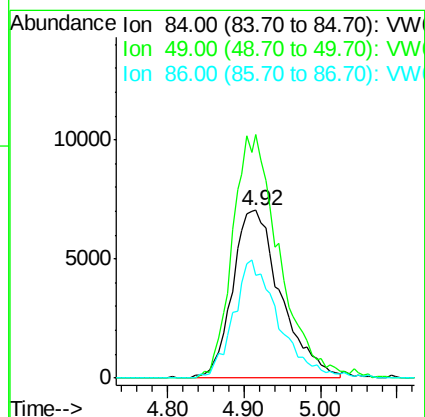
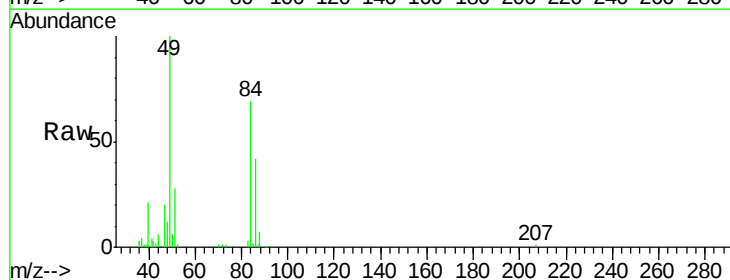
Tgt Ion: 84 Resp: 30922

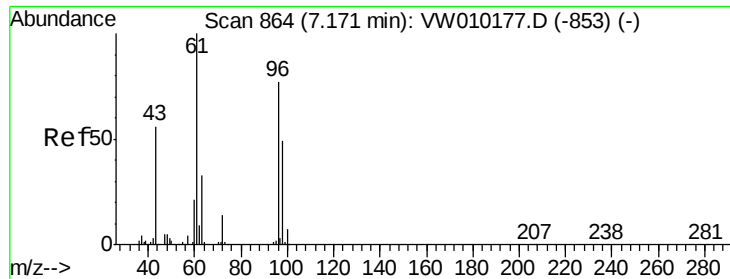
Ion Ratio Lower Upper

84 100

49 145.2 90.2 167.6

86 61.6 46.3 86.1





#21

2-Butanone

Concen: 1.527 ug/L

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW010192.D

Acq: 29 Apr 2019 20:51

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 3851

Ion Ratio Lower Upper

43 100

72 4.3 12.8 38.3#

