

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032619\
 Data File : VW009484.D
 Acq On : 27 Mar 2019 01:00
 Operator : SY/VA
 Sample : K2065-20
 Misc : 6.19G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 27 08:08:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 27 08:01:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	274798	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	268745	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	101345	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	51352	15.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.56%
7) Chloroethane-d5	2.89	69	61892	16.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.44%
10) 1,1-Dichloroethene-d2	4.18	63	321	0.05	ug/L	0.16
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.20%#
20) 2-Butanone-d5	7.08	46	62917	46.33	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.66%
24) Chloroform-d	7.64	84	170793	22.77	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.08%
26) 1,2-Dichloroethane-d4	8.31	65	109333	24.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.80%
29) Benzene-d6	8.27	84	281035	18.96	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	75.84%
33) 1,2-Dichloropropane-d6	9.27	67	100973	22.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.72%
37) Toluene-d8	10.32	98	232767	16.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	67.96%
38) trans-1,3-Dichloropropene-	10.58	79	39705	17.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.04%
39) 2-Hexanone-d5	10.93	63	42358	39.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.58%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	94073	21.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.84%
61) 1,2-Dichlorobenzene-d4	13.85	152	83504	21.49	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.96%

Target Compounds

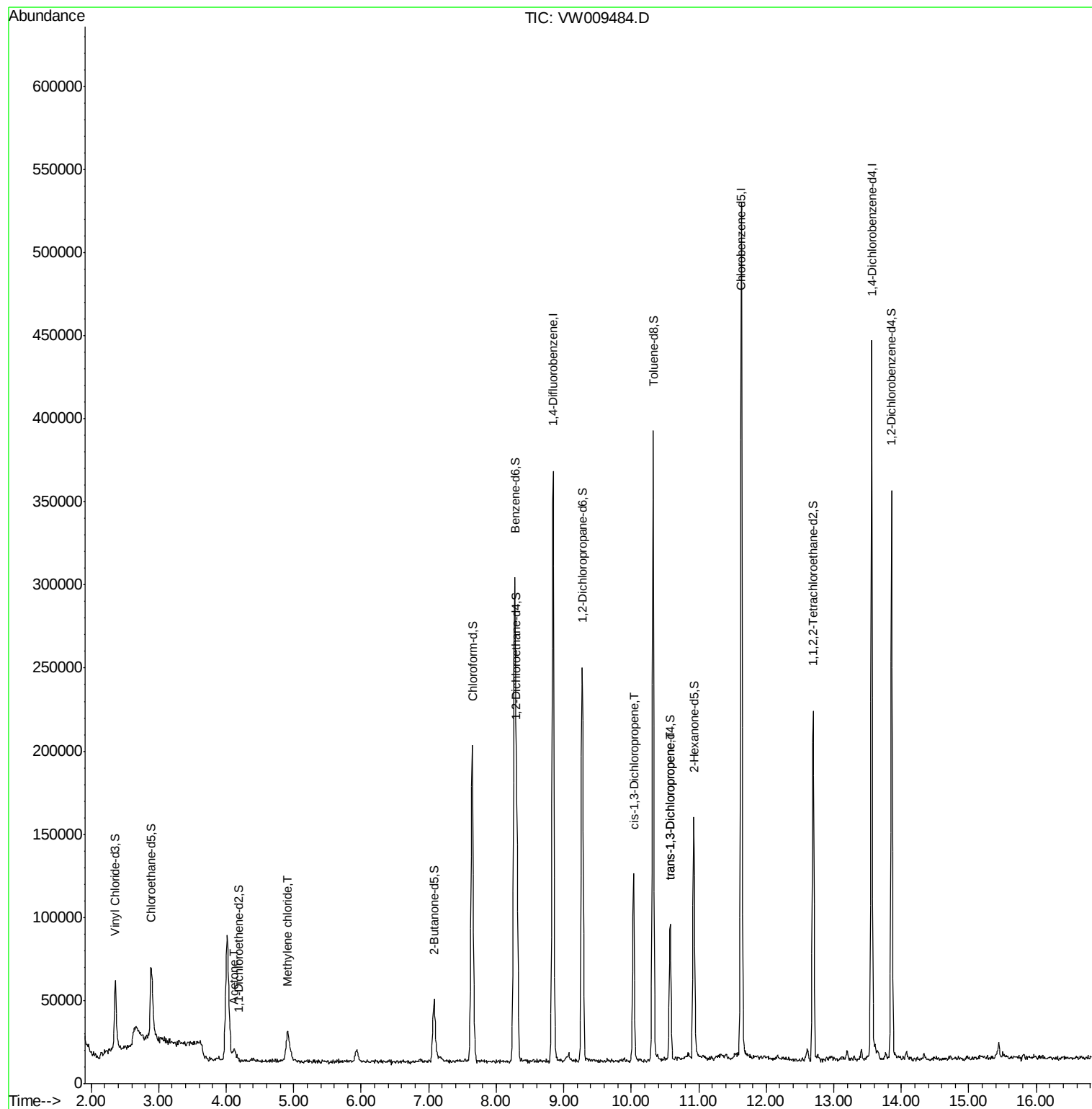
					Ovalue
13) Acetone	4.12	43	10040	9.015 ug/L	56
16) Methylene chloride	4.90	84	14274	3.562 ug/L	93
42) cis-1,3-Dichloropropene	10.04	75	3397	0.553 ug/L	85
45) trans-1,3-Dichloropropene	10.58	75	2590	0.484 ug/L	89

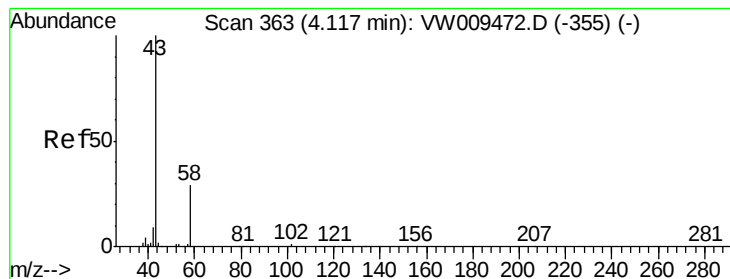
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 9.015 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW009484.D

Acq: 27 Mar 2019 01:00

Instrument :

MSVOA_W

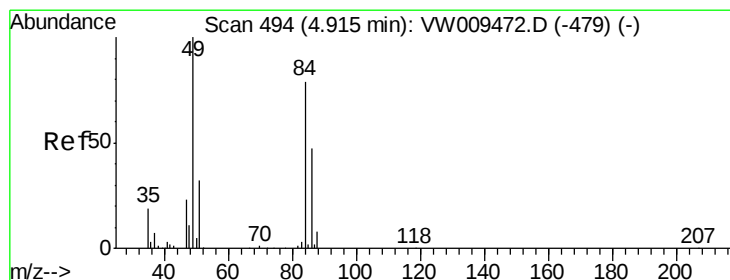
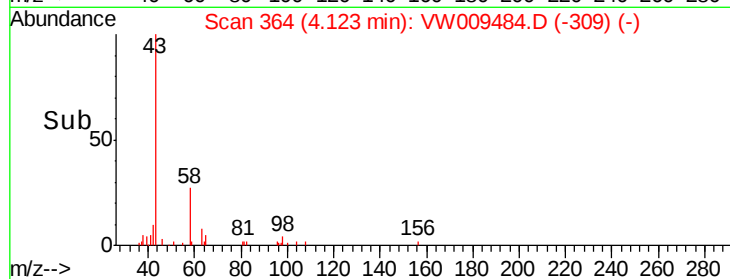
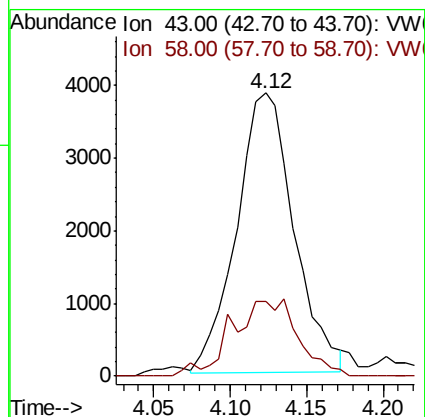
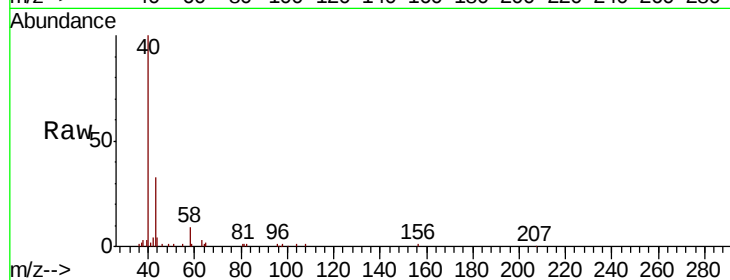
ClientSampled :

Tot Ion: 43 Resp: 10040

Ion Ratio Lower Upper

43 100 0.0 56.2

58 4.7 0.0 56.2



#16

Methylene chloride

Concen: 3.562 ug/L

RT: 4.90 min Scan# 492

Delta R.T. -0.01 min

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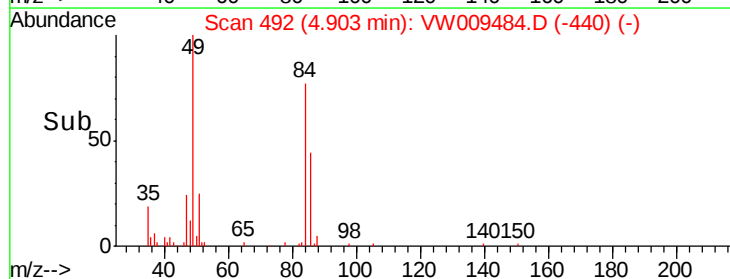
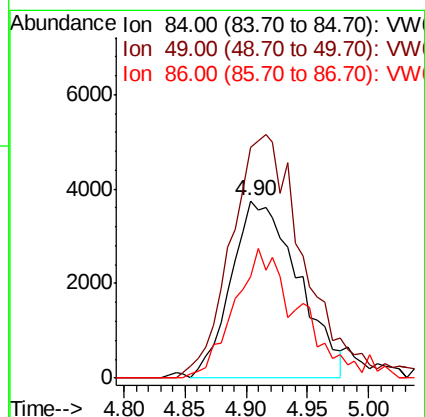
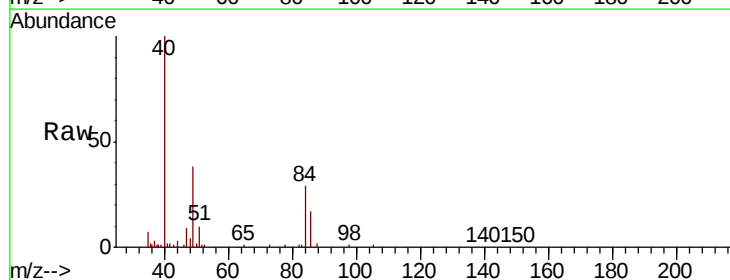
Tgt Ion: 84 Resp: 14274

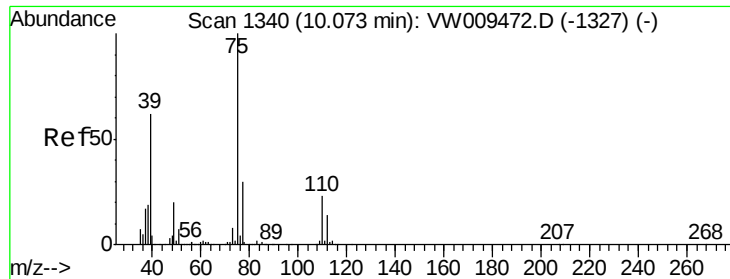
Ion Ratio Lower Upper

84 100 96.0 178.2

49 129.9 44.4 82.5

86 57.0 44.4 82.5





#42

cis-1,3-Dichloropropene

Concen: 0.553 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

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Acq: 27 Mar 2019 01:00

Instrument :

MSVOA_W

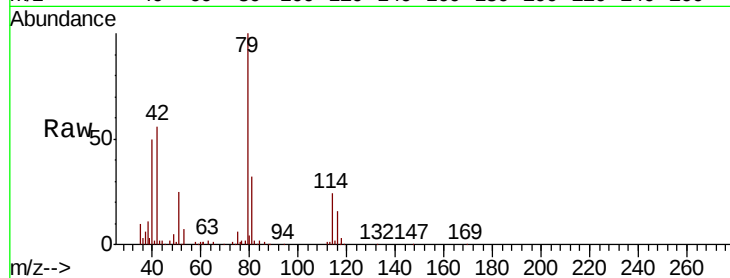
ClientSampled :

Tot Ion: 75 Resp: 3397

Ion Ratio Lower Upper

75 100

77 39.0 21.6 40.2



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

10.04

1500

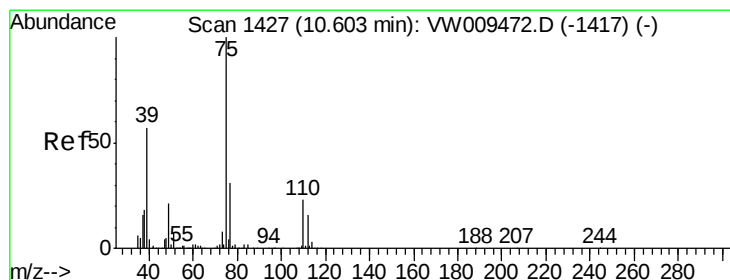
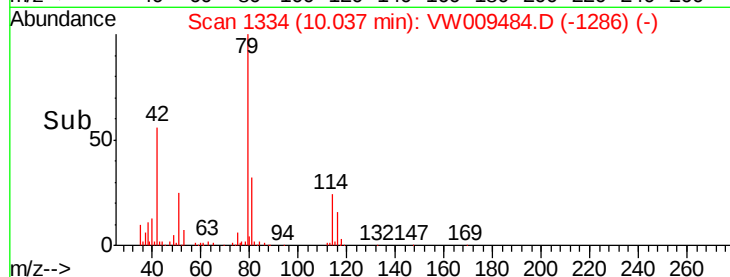
1000

500

0

10.00 10.05

Time-->



#45

trans-1,3-Dichloropropene

Concen: 0.484 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW009484.D

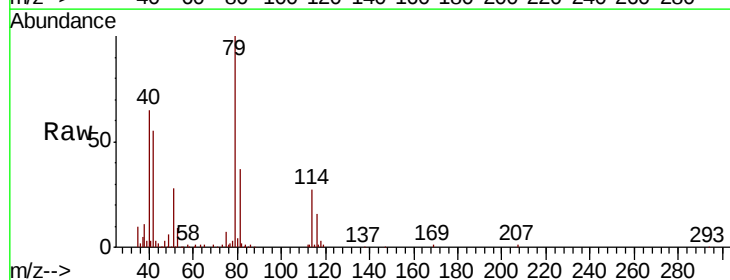
Acq: 27 Mar 2019 01:00

Tgt Ion: 75 Resp: 2590

Ion Ratio Lower Upper

75 100

77 38.2 22.5 41.7



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

10.58

1500

1000

500

0

10.55 10.60

Time-->

