

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021020\
 Data File : VW014949.D
 Acq On : 10 Feb 2020 18:03
 Operator : SY/VA
 Sample : L1416-06
 Misc : 5.36G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 11 00:34:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 11 00:31:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	757017	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	685351	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	225950	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	228584	18.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.96%
7) Chloroethane-d5	2.89	69	235070	23.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.72%
10) 1,1-Dichloroethene-d2	4.16	63	318	0.01	ug/L	0.14
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.04%#
20) 2-Butanone-d5	7.07	46	181389	51.57	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.14%
24) Chloroform-d	7.65	84	587465	27.33	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.32%
26) 1,2-Dichloroethane-d4	8.31	65	350279	29.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	117.80%
29) Benzene-d6	8.27	84	1102837	25.02	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.08%
33) 1,2-Dichloropropane-d6	9.27	67	407845	28.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.60%
37) Toluene-d8	10.32	98	901597	23.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.96%
38) trans-1,3-Dichloropropene-	10.57	79	126438	22.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.16%
39) 2-Hexanone-d5	10.92	63	121264	46.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.64%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	281751	26.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.20%
61) 1,2-Dichlorobenzene-d4	13.85	152	231913	26.47	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.88%

Target Compounds

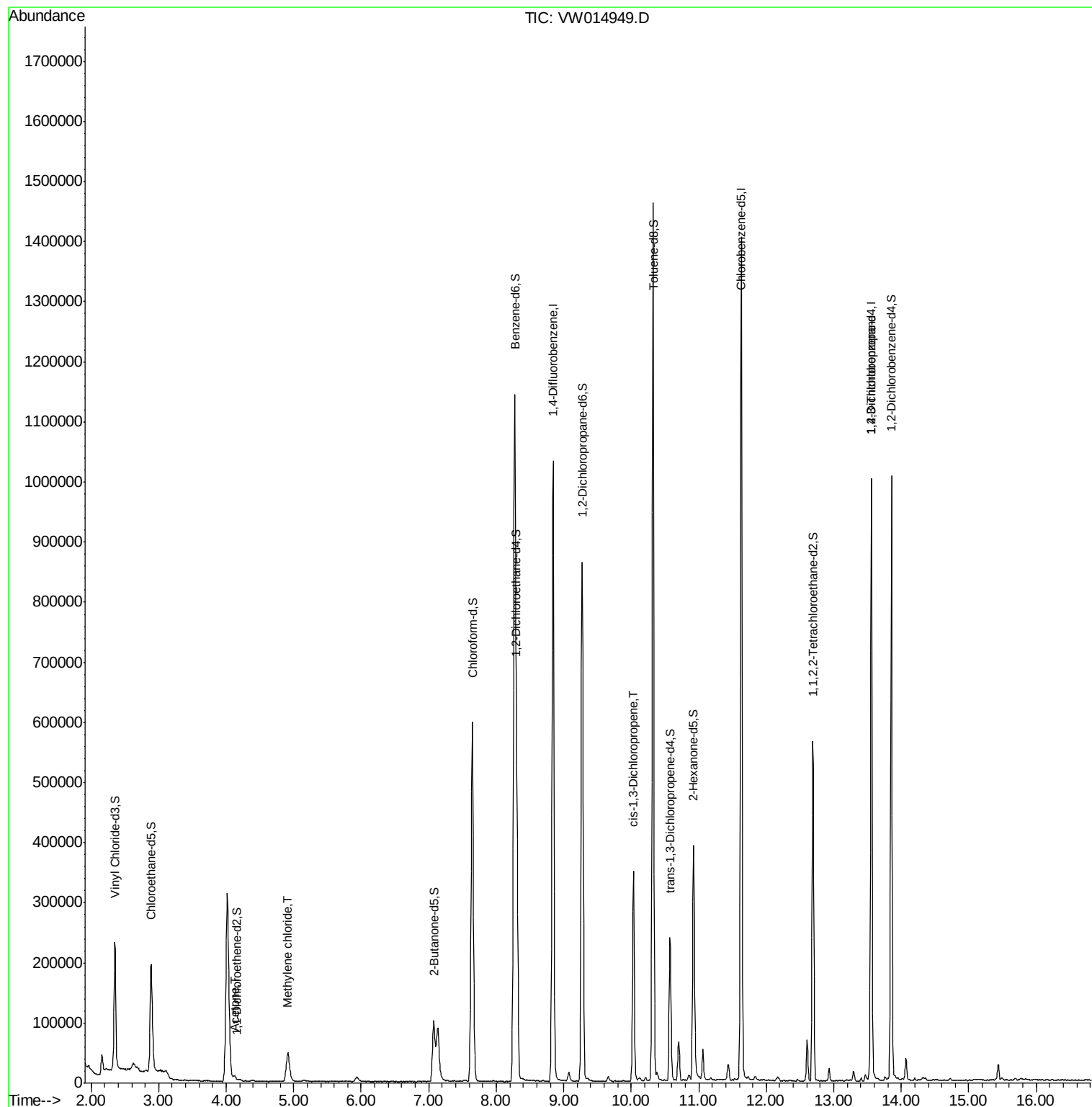
					Ovalue
13) Acetone	4.12	43	13474	3.711 ug/L	68
16) Methylene chloride	4.91	84	35525	2.576 ug/L	88
42) cis-1,3-Dichloropropene	10.03	75	8807	0.492 ug/L #	67
59) 1,2,3-Trichloropropane	13.55	75	36579	4.692 ug/L	93

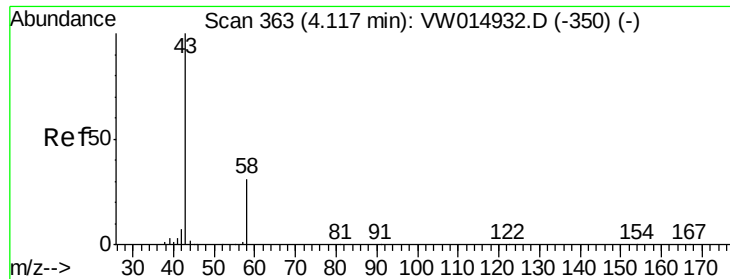
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 3.711 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW014949.D

Acq: 10 Feb 2020 18:03

Instrument :

MSVOA_W

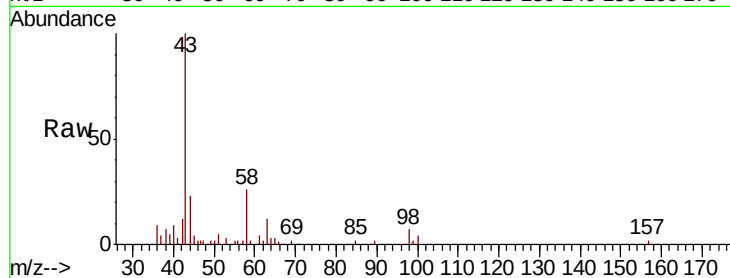
ClientSampled :

Tot Ion: 43 Resp: 13474

Ion Ratio Lower Upper

43 100

58 12.7 0.0 60.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

5000

4000

3000

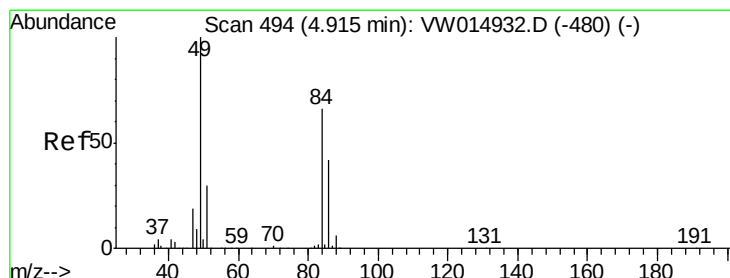
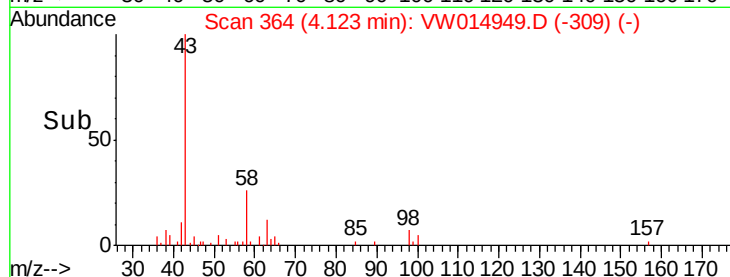
2000

1000

0

Time-->

4.00 4.10 4.20



#16

Methylene chloride

Concen: 2.576 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

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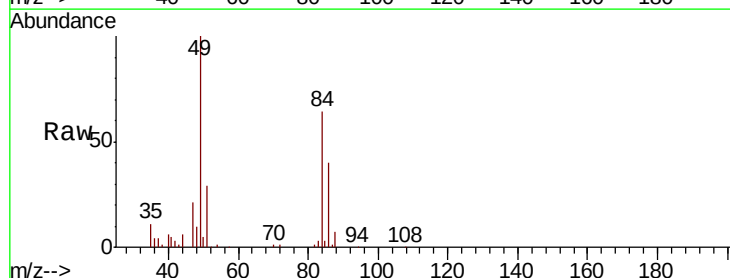
Tgt Ion: 84 Resp: 35525

Ion Ratio Lower Upper

84 100

49 156.8 95.8 177.8

86 62.0 44.2 82.2



Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW

20000

15000

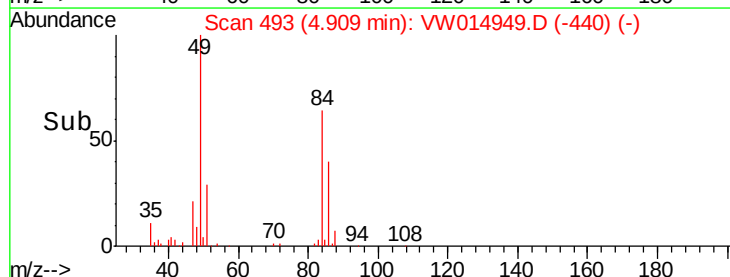
10000

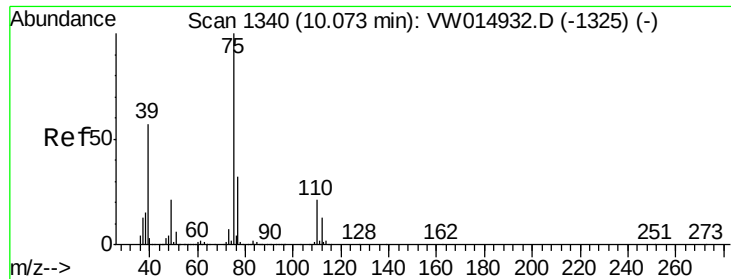
5000

0

Time-->

4.80 4.90 5.00





#42

cis-1,3-Dichloropropene

Concen: 0.492 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW014949.D

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Instrument :

MSVOA_W

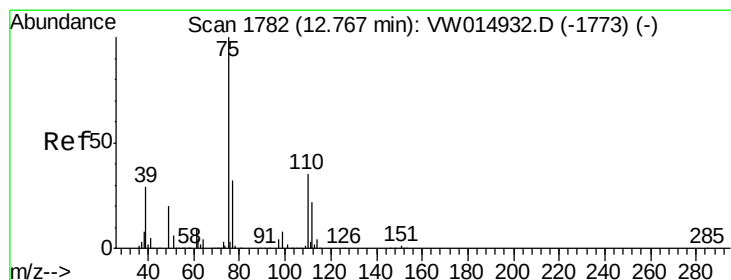
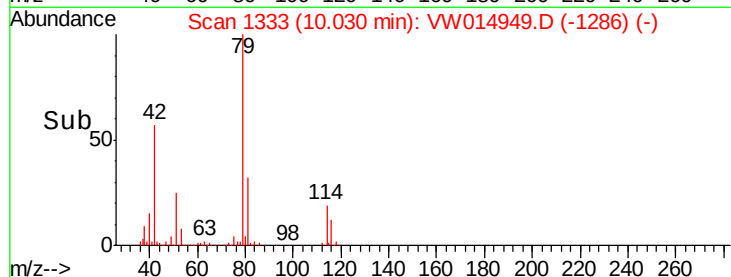
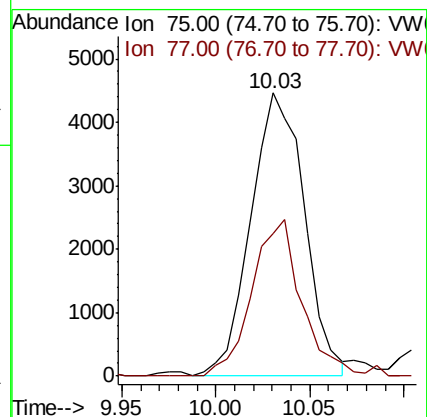
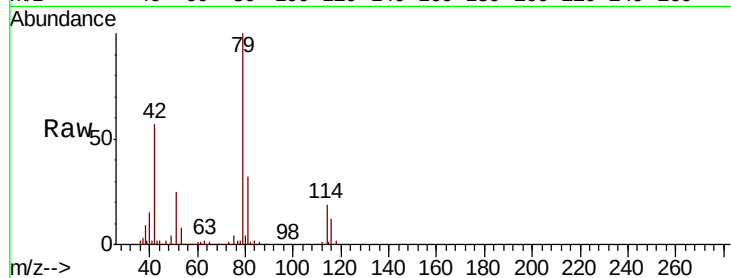
ClientSampleId :

Tot Ion: 75 Resp: 8807

Ion Ratio Lower Upper

75 100

77 50.5 22.5 41.9#



#59

1,2,3-Trichloropropane

Concen: 4.692 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW014949.D

Acq: 10 Feb 2020 18:03

Tgt Ion: 75 Resp: 36579

Ion Ratio Lower Upper

75 100

77 36.5 25.9 38.9

