

Data File : VW014797.D
Acq On : 29 Jan 2020 16:17
Operator : SY/VA
Sample : L1303-03
Misc : 5.01G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AE8

Quant Time: Jan 30 07:08:45 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
Quant Title : VOC Analysis
QLast Update : Thu Jan 30 07:05:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	997124	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	880407	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	381981	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	371679	23.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.12%
7) Chloroethane-d5	2.89	69	299511	22.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.28%
10) 1,1-Dichloroethene-d2	4.02	63	471116	16.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.96%
20) 2-Butanone-d5	7.08	46	139549	31.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	62.24%
24) Chloroform-d	7.65	84	584935	21.25	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.00%
26) 1,2-Dichloroethane-d4	8.49	65	180	0.01	ug/L	0.19
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.04%#
29) Benzene-d6	8.27	84	1241446	22.40	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.60%
33) 1,2-Dichloropropane-d6	9.27	67	384933	22.35	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.40%
37) Toluene-d8	10.32	98	1083856	21.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.84%
38) trans-1,3-Dichloropropene-	10.57	79	139321	20.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.20%
39) 2-Hexanone-d5	10.92	63	105939	32.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.56%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	242732	17.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	71.84%
61) 1,2-Dichlorobenzene-d4	13.85	152	337464	22.54	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.16%

Target Compounds

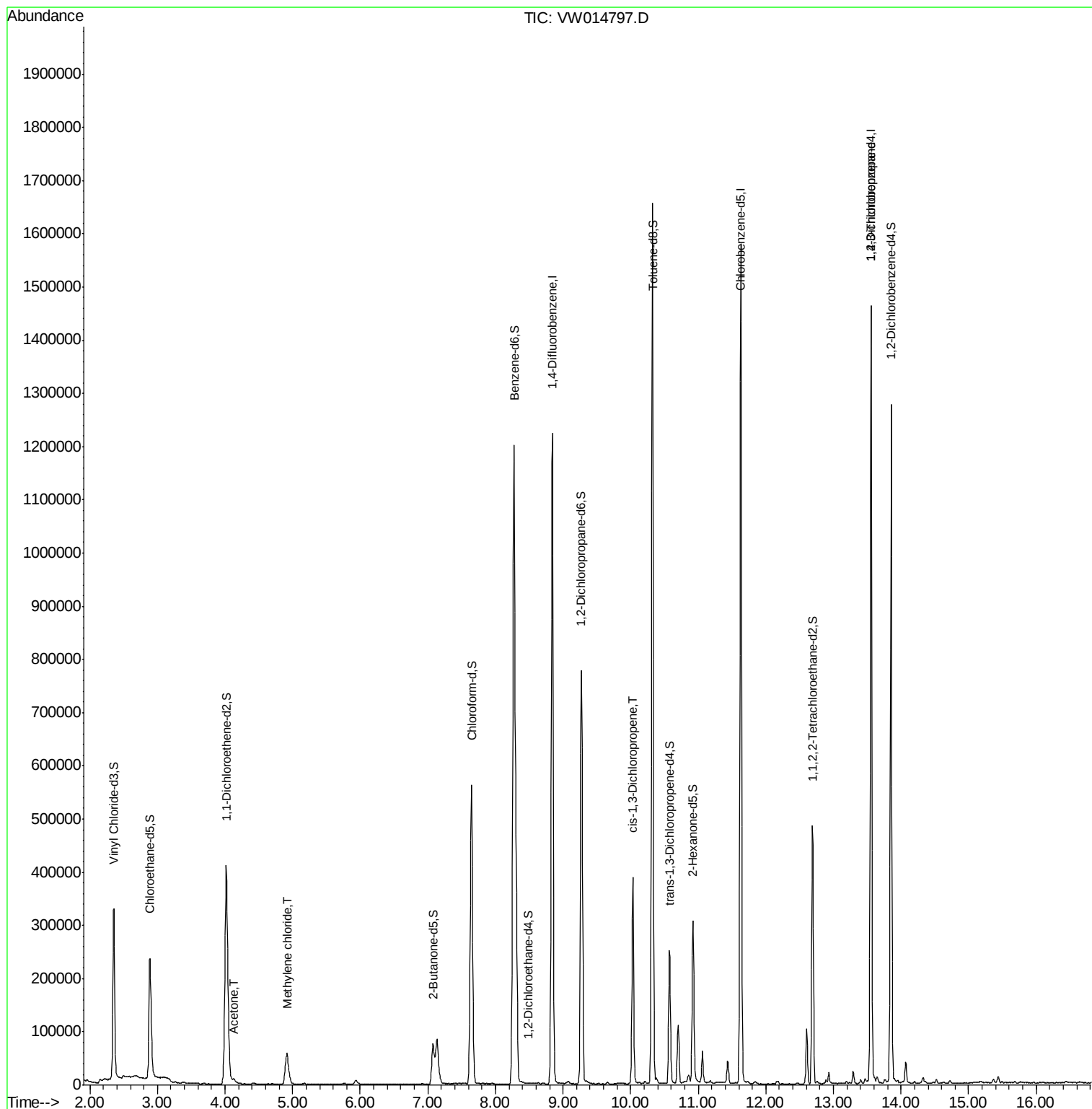
					Qvalue
13) Acetone	4.13	43	13184	2.745 ug/L	69
16) Methylene chloride	4.92	84	48035	2.851 ug/L	99
42) cis-1,3-Dichloropropene	10.04	75	8832	0.423 ug/L #	59
59) 1,2,3-Trichloropropane	13.55	75	47328	5.012 ug/L	93

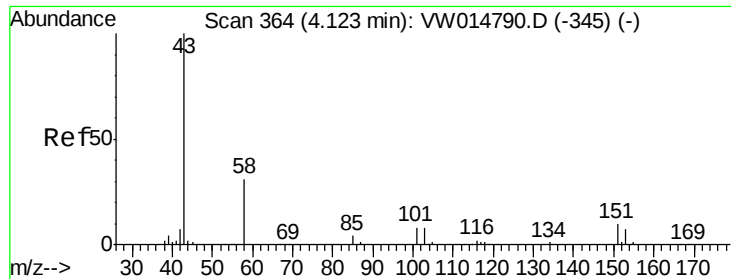
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.745 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampleId :

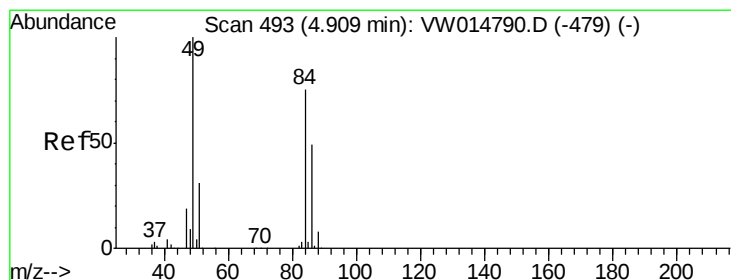
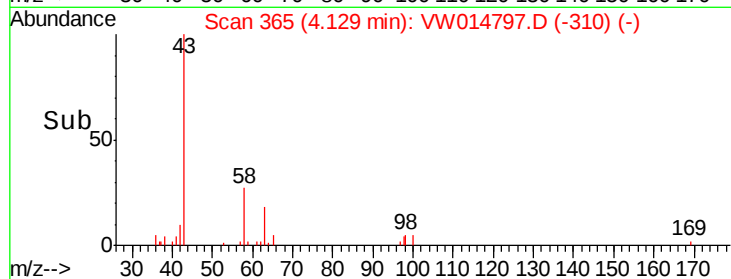
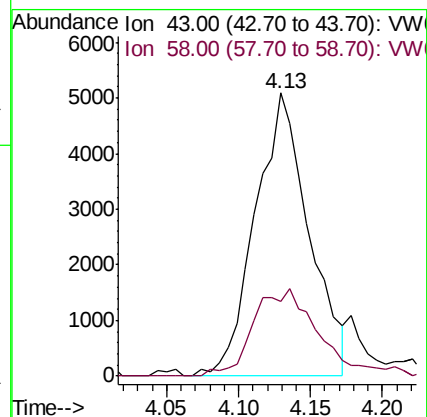
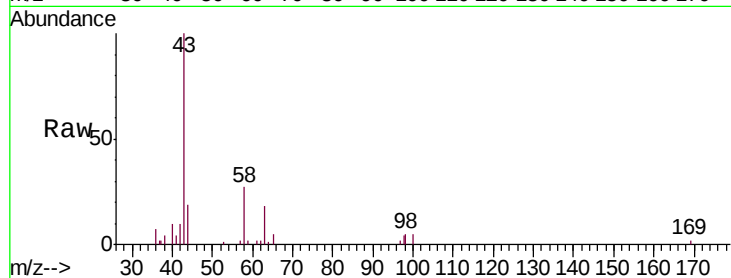
C0AE8

Tgt Ion: 43 Resp: 13184

Ion Ratio Lower Upper

43 100

58 15.0 0.0 64.6



#16

Methylene chloride

Concen: 2.851 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

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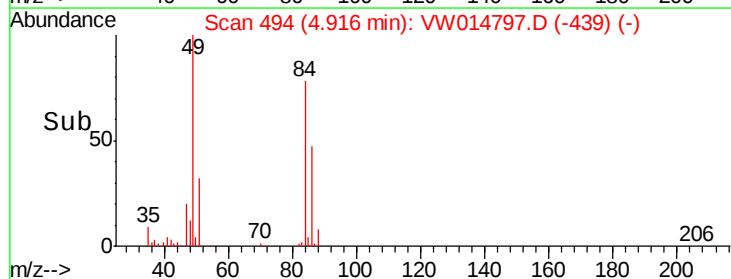
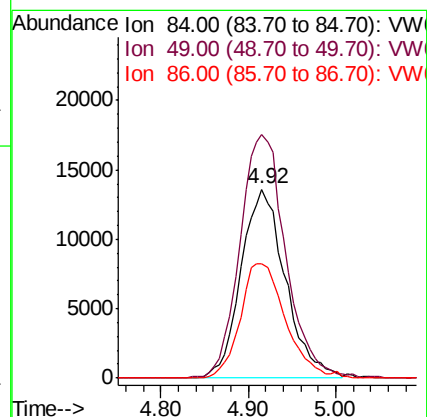
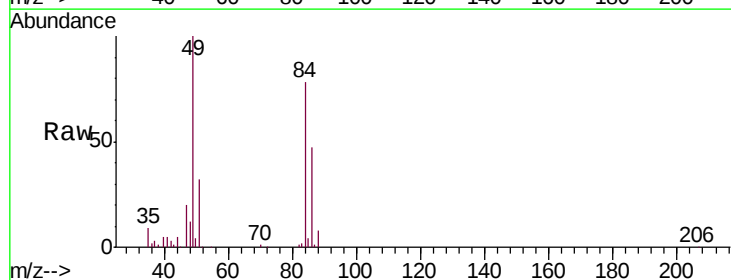
Tgt Ion: 84 Resp: 48035

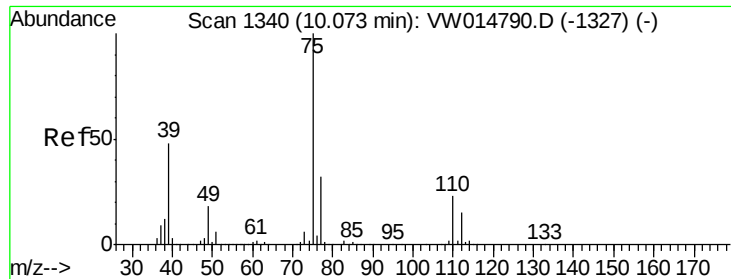
Ion Ratio Lower Upper

84 100

49 129.0 90.9 168.7

86 60.3 43.5 80.7





#42

cis-1,3-Dichloropropene

Concen: 0.423 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

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Instrument :

MSVOA_W

ClientSampleId :

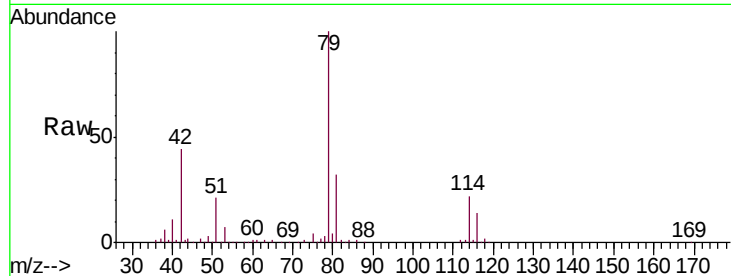
C0AE8

Tgt Ion: 75 Resp: 8832

Ion Ratio Lower Upper

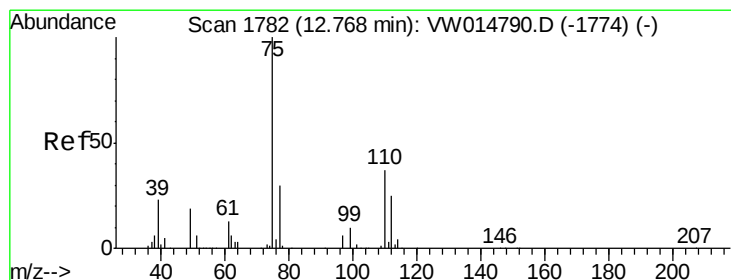
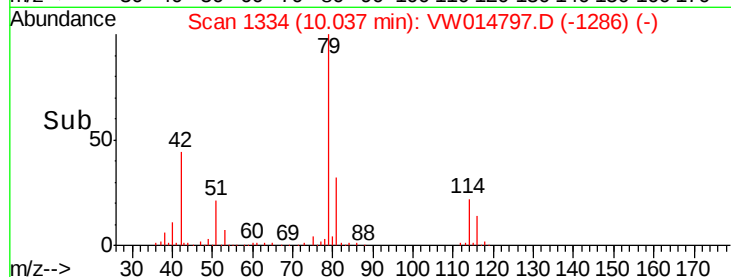
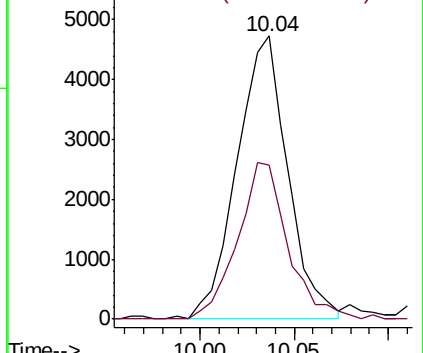
75 100

77 54.5 22.3 41.3#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#59

1,2,3-Trichloropropane

Concen: 5.012 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

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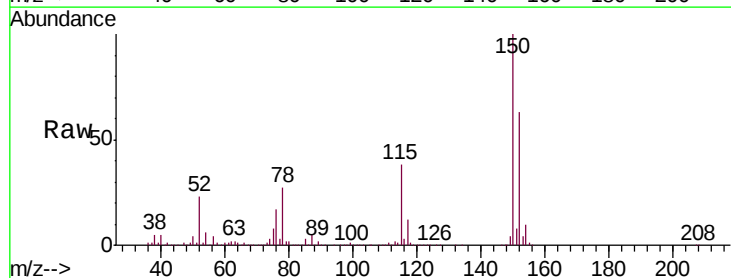
Acq: 29 Jan 2020 16:17

Tgt Ion: 75 Resp: 47328

Ion Ratio Lower Upper

75 100

77 36.0 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

