

Data File : VW014802.D
Acq On : 29 Jan 2020 18:28
Operator : SY/VA
Sample : L1303-09
Misc : 4.77G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AF4

Quant Time: Jan 30 07:09:18 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	1051375	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	945483	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	387663	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	368004	22.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.40%
7) Chloroethane-d5	2.89	69	302344	21.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.48%
10) 1,1-Dichloroethene-d2	4.21	63	285	0.01	ug/L	0.19
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.04%#
20) 2-Butanone-d5	7.07	46	146646	31.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	62.02%
24) Chloroform-d	7.65	84	592916	20.43	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.72%
26) 1,2-Dichloroethane-d4	8.39	65	309	0.02	ug/L	0.09
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.08%#
29) Benzene-d6	8.27	84	1238585	20.81	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.24%
33) 1,2-Dichloropropane-d6	9.27	67	386769	20.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.64%
37) Toluene-d8	10.32	98	1082528	20.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.68%
38) trans-1,3-Dichloropropene-	10.57	79	144735	19.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.56%
39) 2-Hexanone-d5	10.92	63	111295	32.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.12%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	238448	16.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	65.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	332850	21.91	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.64%

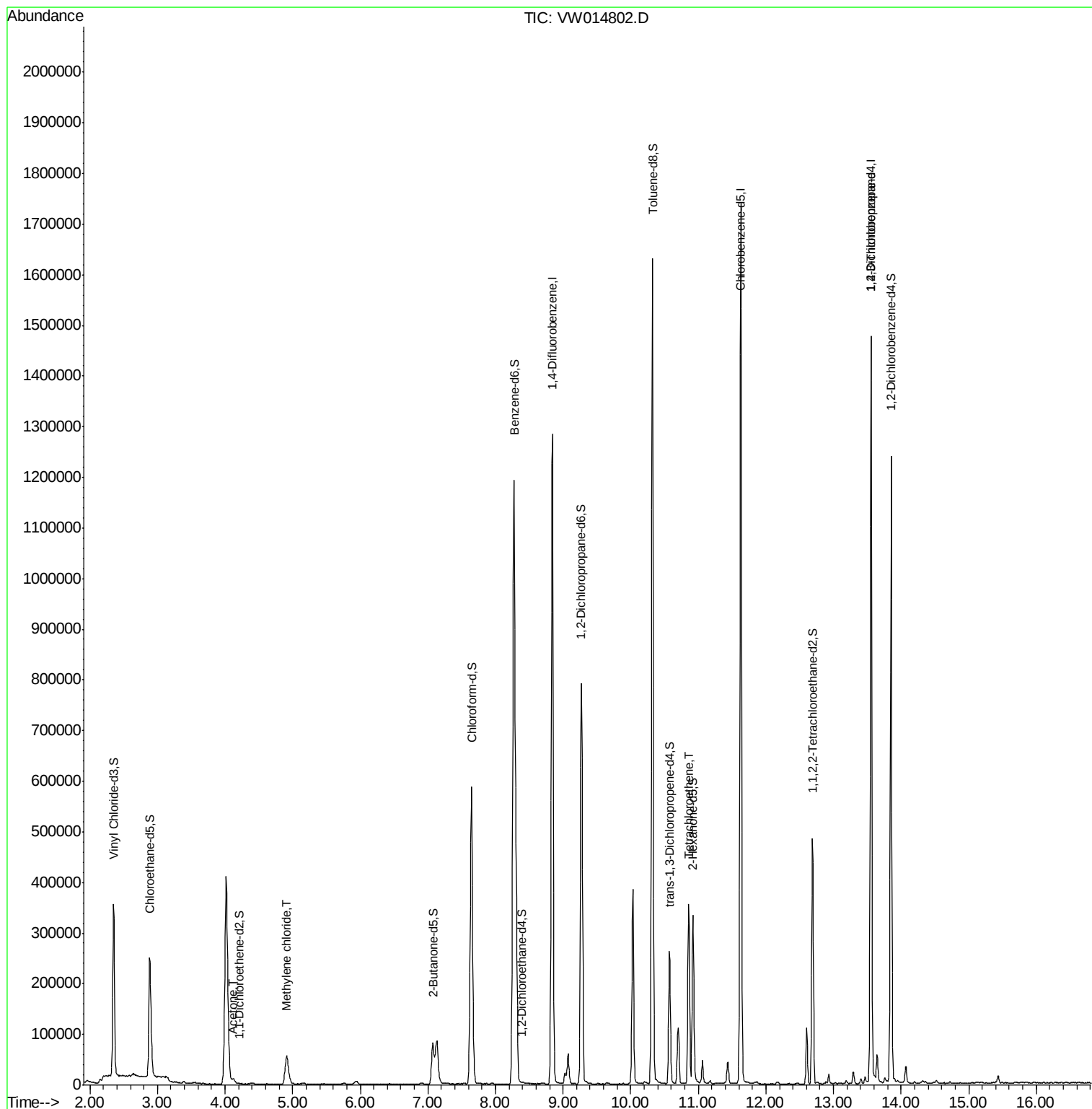
Target Compounds					Qvalue
13) Acetone	4.12	43	14582	2.879 ug/L	98
16) Methylene chloride	4.91	84	45645	2.569 ug/L	96
47) Tetrachloroethene	10.86	164	83410	6.786 ug/L	95
59) 1,2,3-Trichloropropane	13.55	75	47366	4.670 ug/L	91

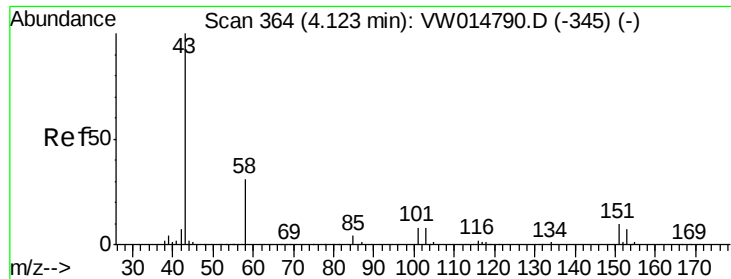
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.879 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

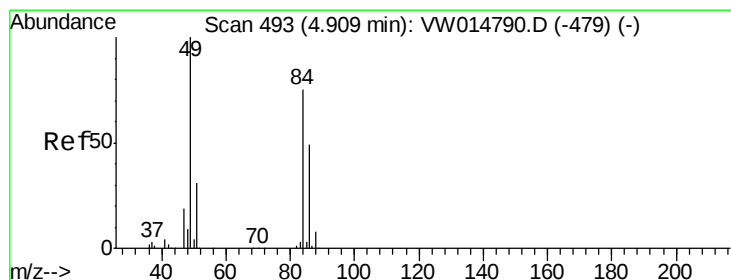
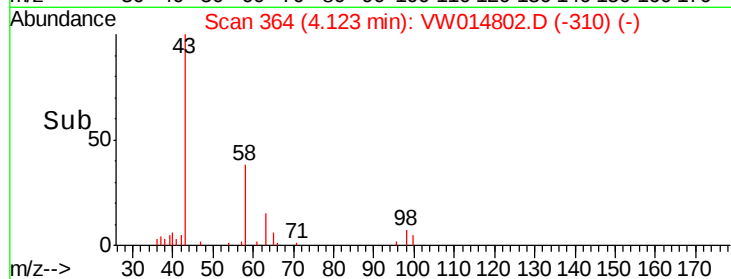
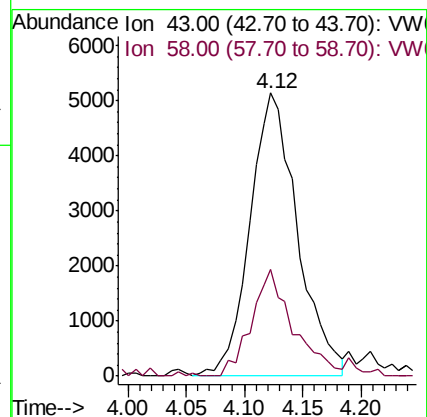
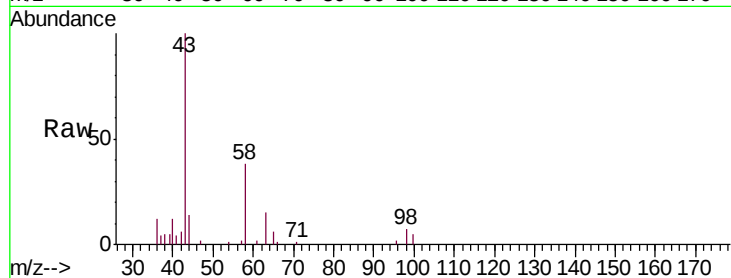
C0AF4

Tgt Ion: 43 Resp: 14582

Ion Ratio Lower Upper

43 100

58 33.2 0.0 64.6



#16

Methylene chloride

Concen: 2.569 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.00 min

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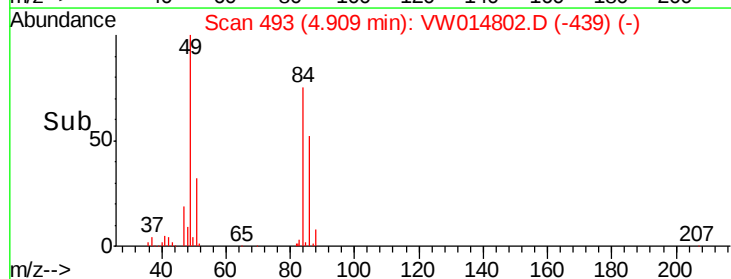
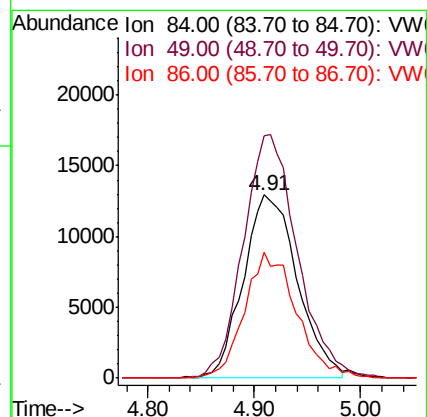
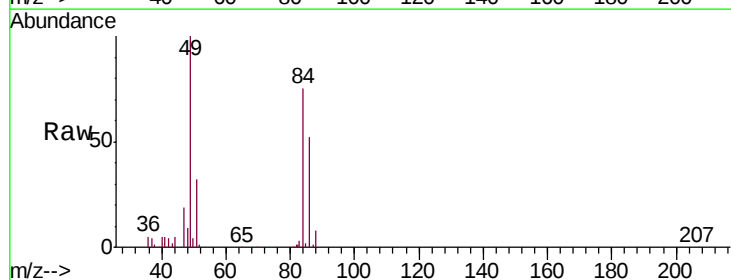
Tgt Ion: 84 Resp: 45645

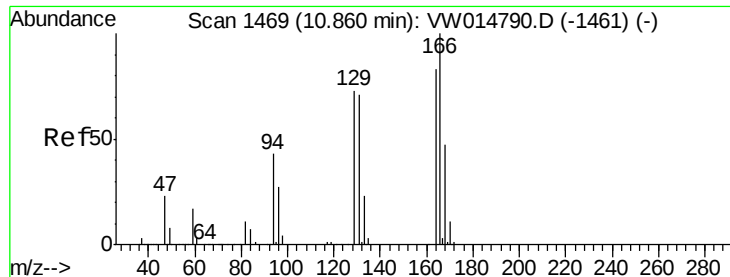
Ion Ratio Lower Upper

84 100

49 132.5 90.9 168.7

86 68.9 43.5 80.7





#47

Tetrachloroethene

Concen: 6.786 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VW014802.D

Acq: 29 Jan 2020 18:28

Instrument :

MSVOA_W

ClientSampled :

C0AF4

Tgt Ion:164 Resp: 83410

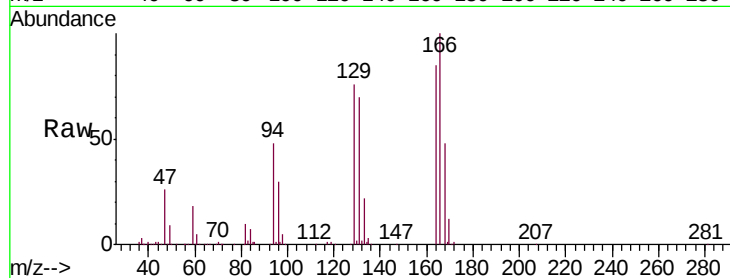
Ion Ratio Lower Upper

164 100

129 89.9 64.4 119.6

131 82.4 61.2 113.6

166 118.0 88.8 165.0

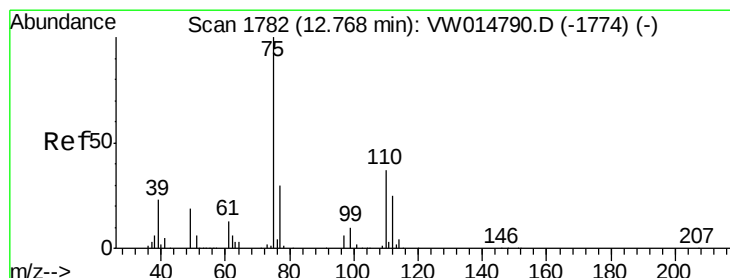
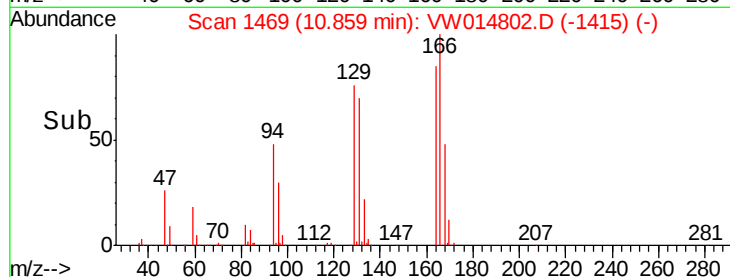
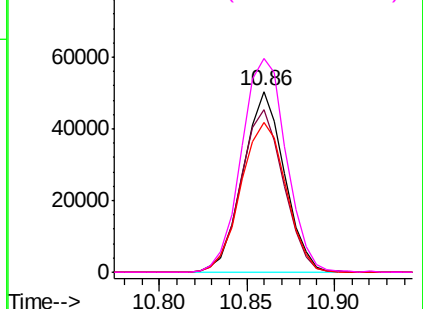


Abundance Ion 164.00 (163.70 to 164.70): V

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



#59

1,2,3-Trichloropropane

Concen: 4.670 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

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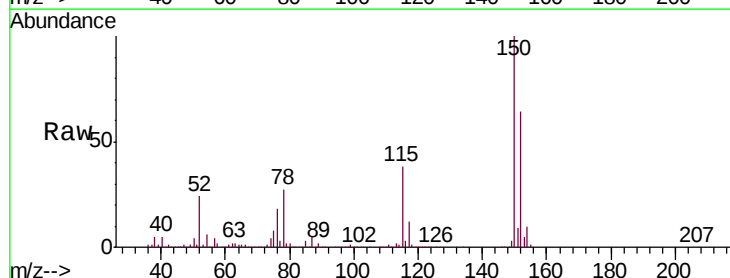
Acq: 29 Jan 2020 18:28

Tgt Ion: 75 Resp: 47366

Ion Ratio Lower Upper

75 100

77 37.5 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

