

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011420\
 Data File : VW014633.D
 Acq On : 14 Jan 2020 15:21
 Operator : SY/VA
 Sample : L1109-07
 Misc : 5.02G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 15 01:51:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 15 01:48:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1280680	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1118810	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	500081	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	414367	22.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.80%
7) Chloroethane-d5	2.89	69	324282	24.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.52%
10) 1,1-Dichloroethene-d2	4.01	63	595864	18.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.16%
20) 2-Butanone-d5	7.07	46	174925	40.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.44%
24) Chloroform-d	7.65	84	718188	24.38	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.52%
26) 1,2-Dichloroethane-d4	8.38	65	385	0.03	ug/L	0.08
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.12%#
29) Benzene-d6	8.27	84	1575724	26.48	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.92%
33) 1,2-Dichloropropane-d6	9.27	67	471184	26.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.36%
37) Toluene-d8	10.32	98	1416934	26.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.08%
38) trans-1,3-Dichloropropene-	10.57	79	181215	24.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.12%
39) 2-Hexanone-d5	10.92	63	140449	45.92	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.84%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	314014	23.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.52%
61) 1,2-Dichlorobenzene-d4	13.85	152	456538	27.71	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.84%

Target Compounds

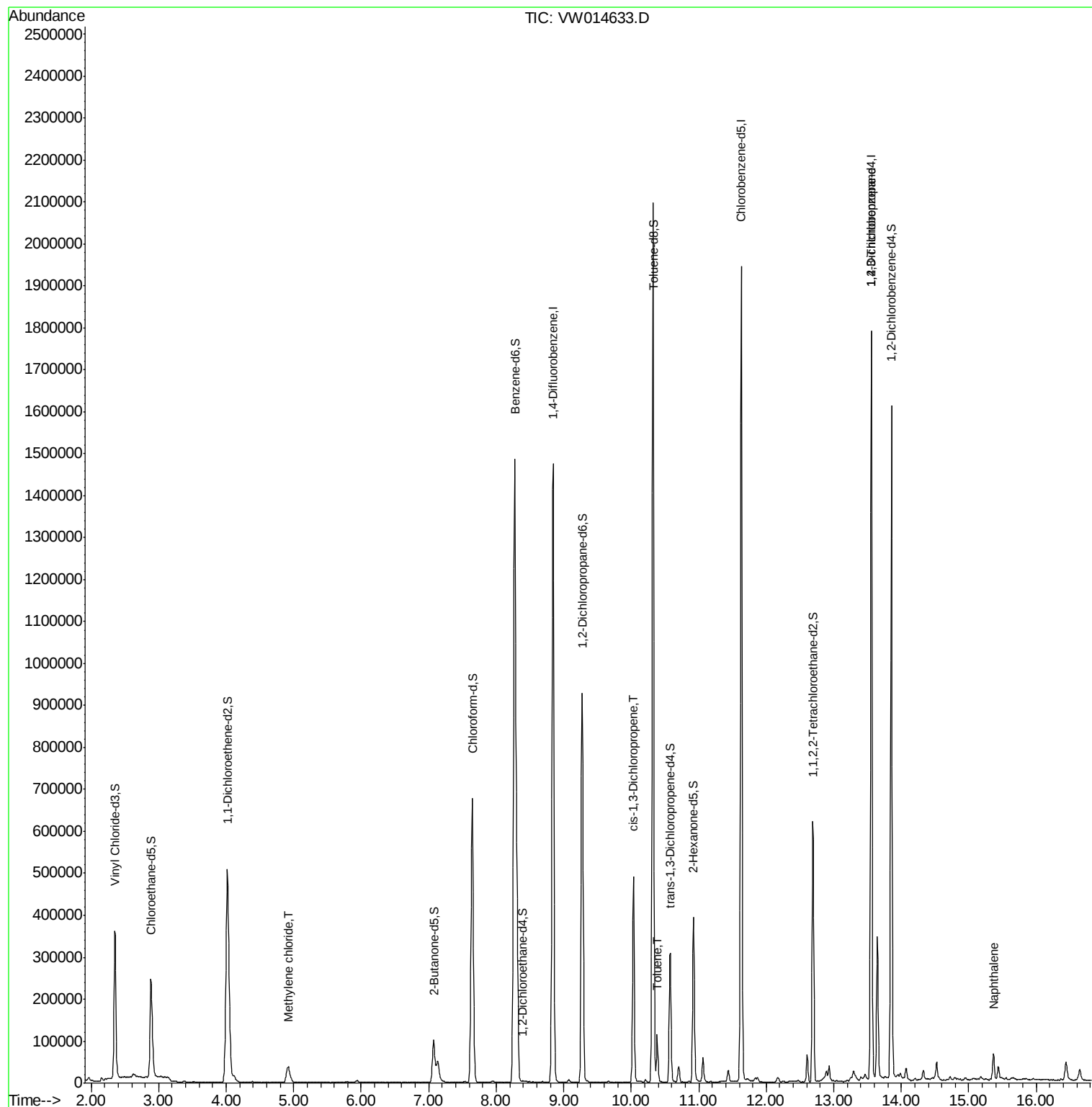
					Ovalue
16) Methylene chloride	4.92	84	35350	1.693 ug/L	93
42) cis-1,3-Dichloropropene	10.03	75	10985	0.432 ug/L #	64
44) Toluene	10.38	91	81394	1.157 ug/L	100
59) 1,2,3-Trichloropropane	13.55	75	56550	5.151 ug/L	95
69) Naphthalene	15.36	128	54439	1.794 ug/L	99

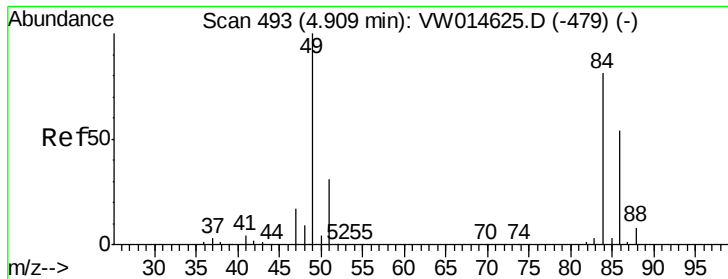
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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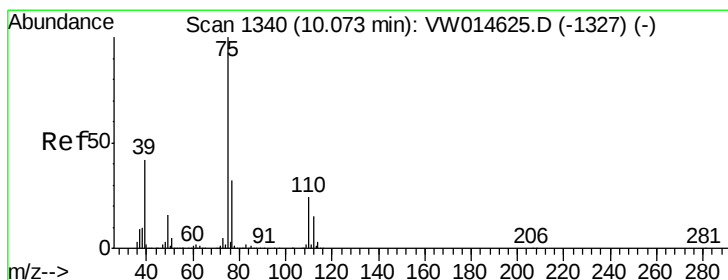
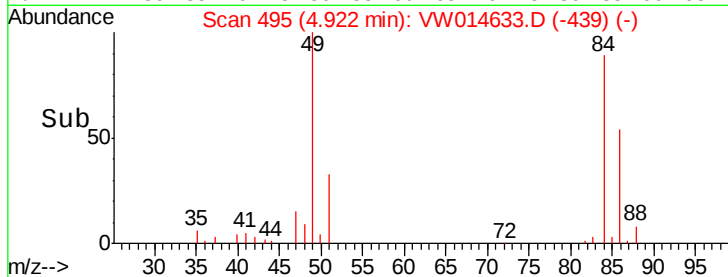
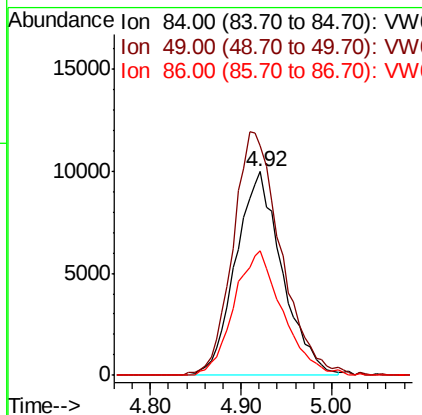
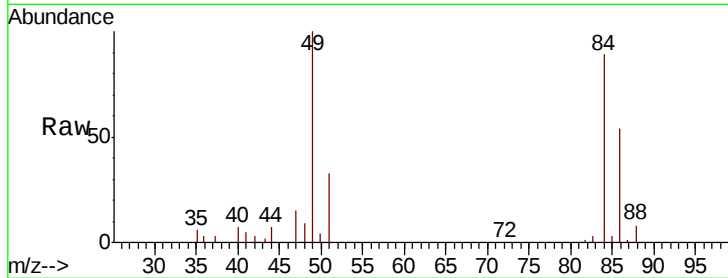




#16
Methylene chloride
Concen: 1.693 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW014633.D
Acq: 14 Jan 2020 15:21

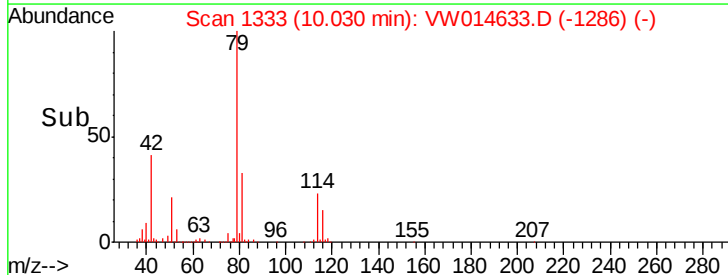
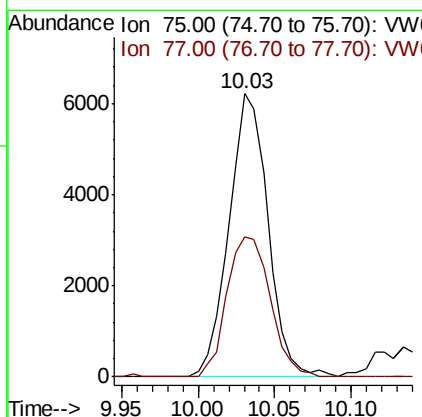
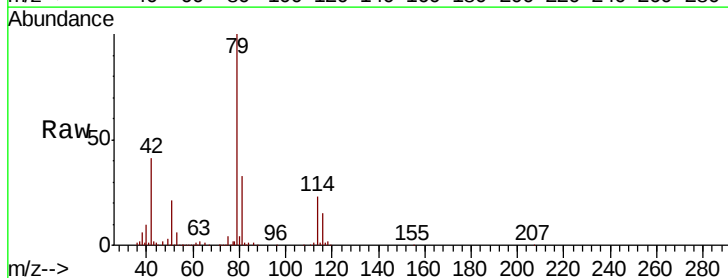
Instrument :
MSVOA_W
ClientSampleId :

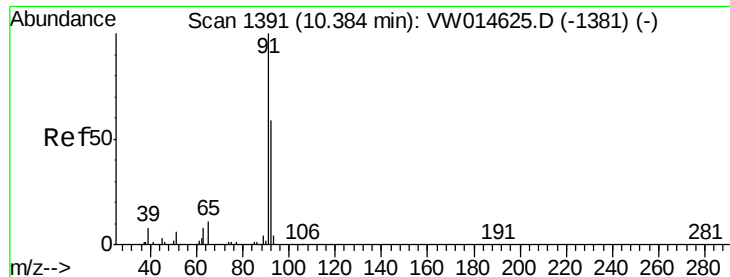
Tot Ion: 84 Resp: 35350
Ion Ratio Lower Upper
84 100
49 112.9 85.8 159.4
86 61.5 44.5 82.7



#42
cis-1,3-Dichloropropene
Concen: 0.432 ug/L
RT: 10.03 min Scan# 1333
Delta R.T. -0.04 min
Lab File: VW014633.D
Acq: 14 Jan 2020 15:21

Tgt Ion: 75 Resp: 10985
Ion Ratio Lower Upper
75 100
77 49.5 21.0 39.0#





#44

Toluene

Concen: 1.157 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW014633.D

Acq: 14 Jan 2020 15:21

Instrument :

MSVOA_W

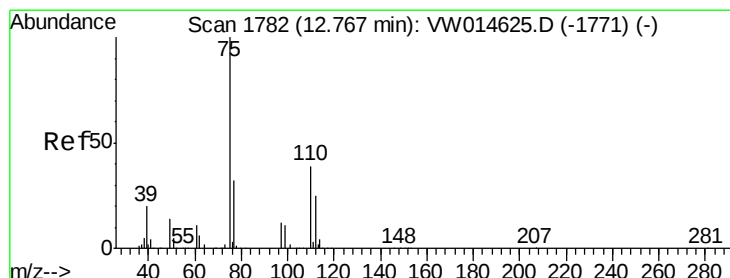
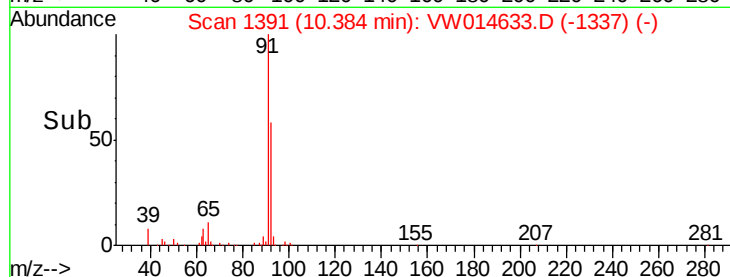
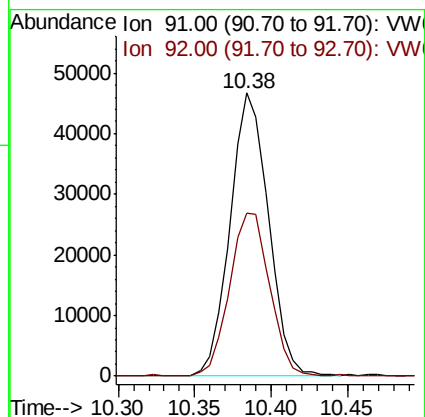
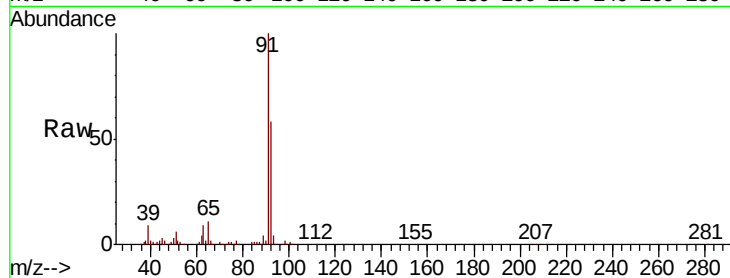
ClientSampleId :

Tot Ion: 91 Resp: 81394

Ion Ratio Lower Upper

91 100

92 57.6 40.2 74.6



#59

1,2,3-Trichloropropane

Concen: 5.151 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW014633.D

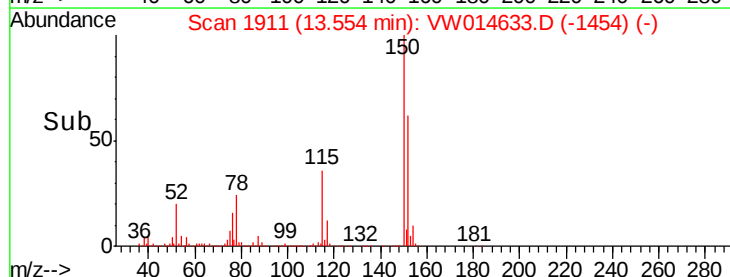
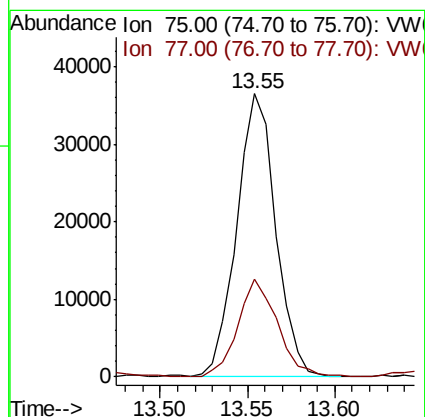
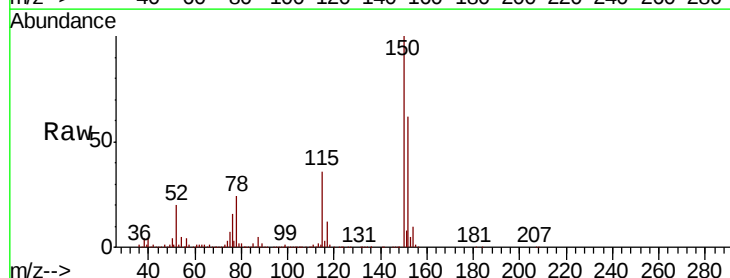
Acq: 14 Jan 2020 15:21

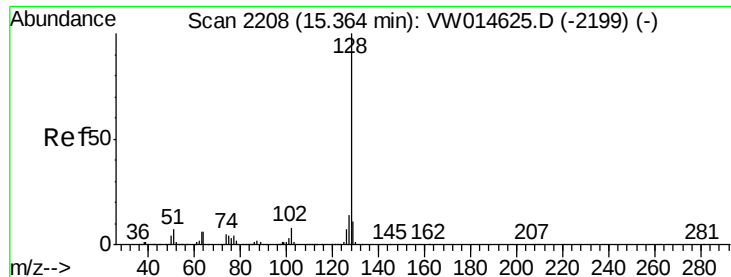
Tgt Ion: 75 Resp: 56550

Ion Ratio Lower Upper

75 100

77 35.3 26.2 39.2





#69

Naphthalene

Concen: 1.794 ug/L

RT: 15.36 min Scan# 2208

Delta R.T. 0.00 min

Lab File: VW014633.D

Acq: 14 Jan 2020 15:21

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion:128 Resp: 54439

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

127 13.2 10.6 16.0

