

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112719\
 Data File : VW014151.D
 Acq On : 27 Nov 2019 11:46
 Operator : SY/VA
 Sample : K6063-08
 Misc : 5.80G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 28 07:26:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 28 07:23:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	323775	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	281662	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	107389	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	80870	15.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.64%
7) Chloroethane-d5	2.89	69	80151	19.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.56%
10) 1,1-Dichloroethene-d2	4.02	63	137200	12.94	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.76%
20) 2-Butanone-d5	7.07	46	62145	41.41	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.82%
24) Chloroform-d	7.65	84	225083	22.61	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.44%
26) 1,2-Dichloroethane-d4	8.31	65	111697	22.32	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.28%
29) Benzene-d6	8.27	84	452638	22.65	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.60%
33) 1,2-Dichloropropane-d6	9.27	67	140962	24.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.32%
37) Toluene-d8	10.32	98	392829	20.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.92%
38) trans-1,3-Dichloropropene-	10.58	79	46401	18.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.04%
39) 2-Hexanone-d5	10.92	63	44632	40.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.40%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	102600	23.21	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.84%
61) 1,2-Dichlorobenzene-d4	13.85	152	108749	25.21	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.84%

Target Compounds

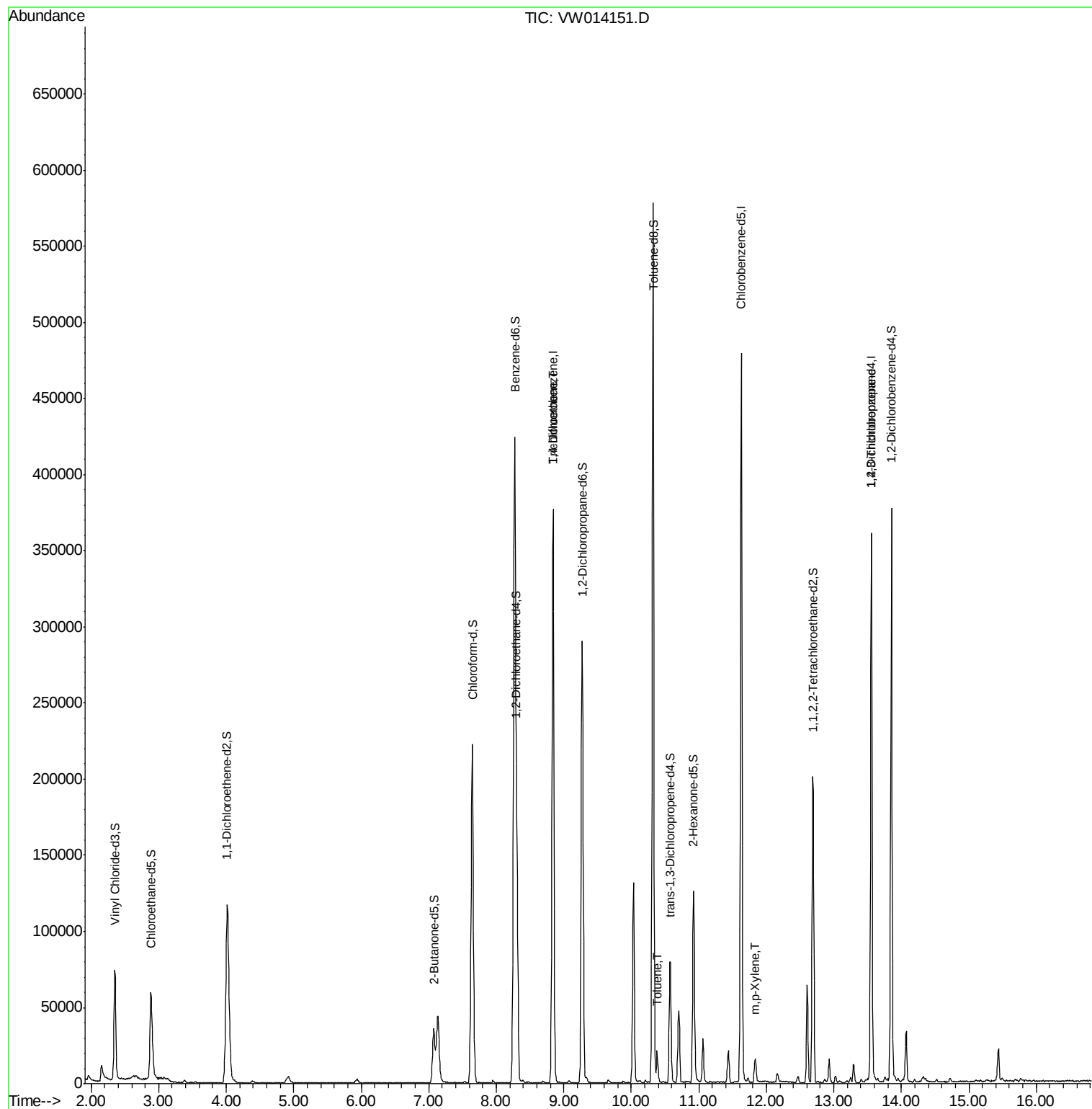
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
35) Trichloroethene	8.84	95	9451	1.715	ug/L	# 2
44) Toluene	10.38	91	14219	0.631	ug/L	95
54) m,p-Xylene	11.83	106	5089	0.530	ug/L	97
59) 1,2,3-Trichloropropane	13.55	75	10903	3.398	ug/L	92

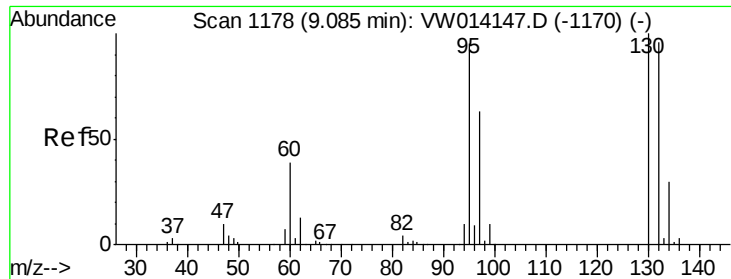
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Trichloroethene

Concen: 1.715 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.24 min

Lab File: VW014151.D

Acq: 27 Nov 2019 11:46

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 95 Resp: 9451

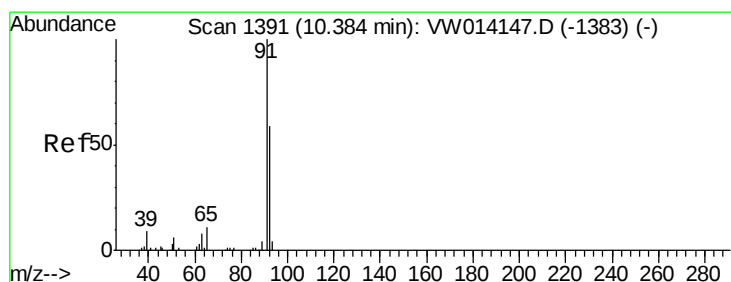
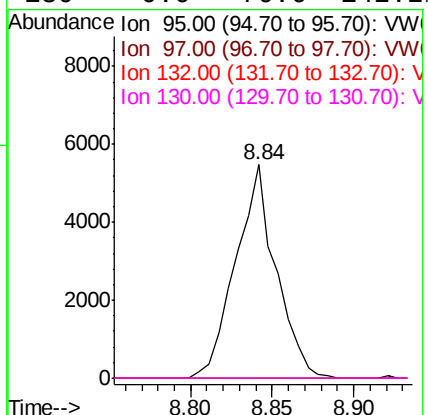
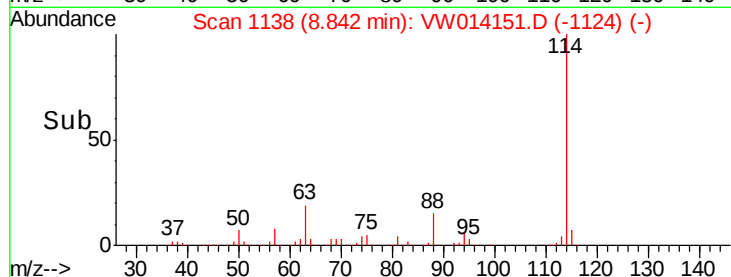
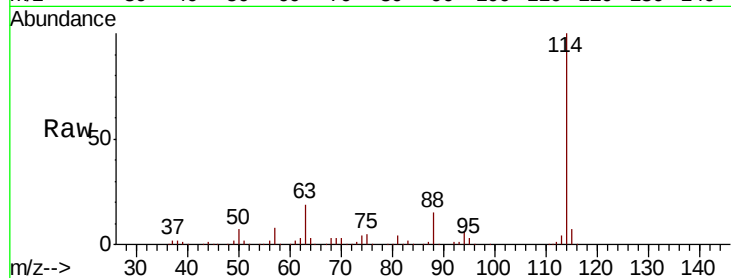
Ion Ratio Lower Upper

95 100

97 0.4 45.1 83.9#

132 0.5 73.7 136.9#

130 0.0 76.6 142.2#



#44

Toluene

Concen: 0.631 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

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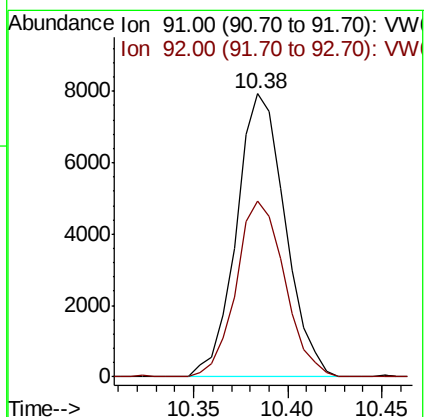
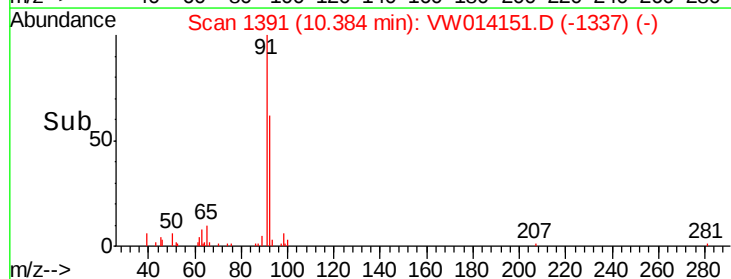
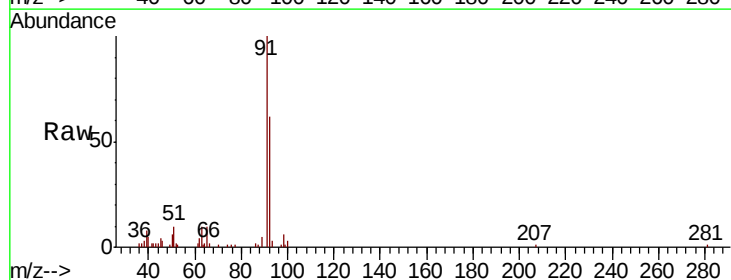
Acq: 27 Nov 2019 11:46

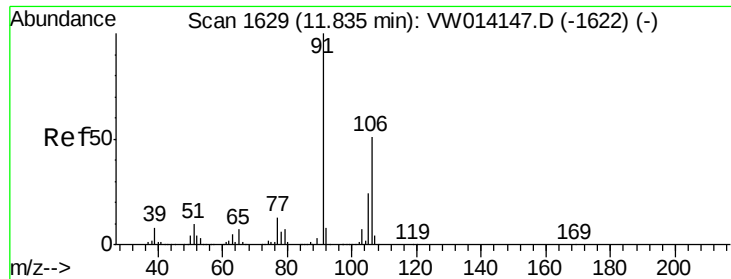
Tgt Ion: 91 Resp: 14219

Ion Ratio Lower Upper

91 100

92 61.9 40.7 75.7





#54

m,p-Xylene

Concen: 0.530 ug/L

RT: 11.83 min Scan# 1629

Delta R.T. 0.00 min

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Acq: 27 Nov 2019 11:46

Instrument :

MSVOA_W

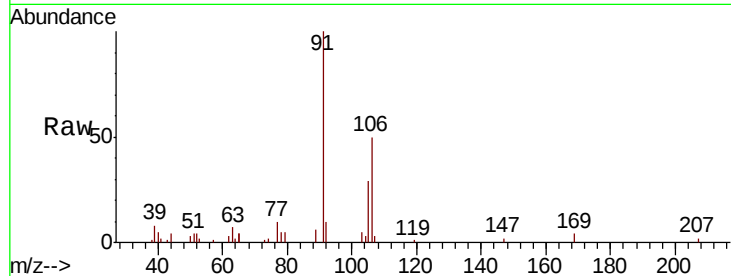
ClientSampled :

Tot Ion:106 Resp: 5089

Ion Ratio Lower Upper

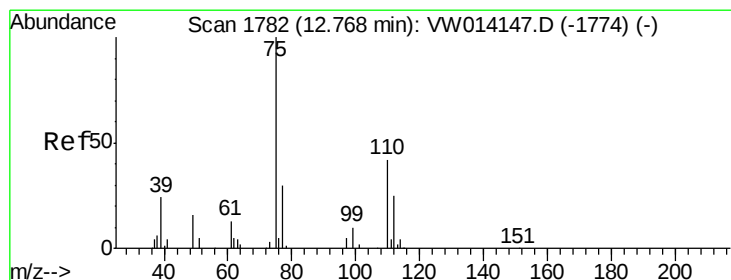
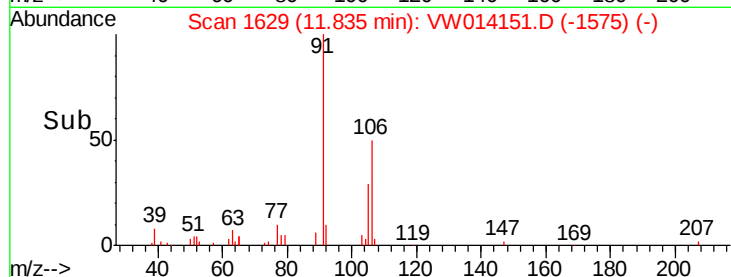
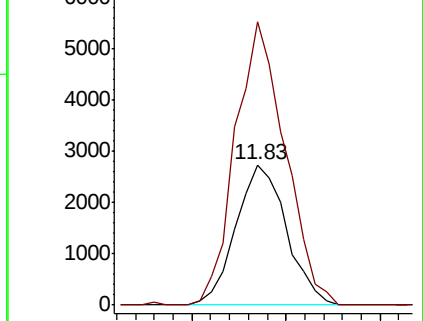
106 100

91 202.0 138.7 257.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#59

1,2,3-Trichloropropane

Concen: 3.398 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

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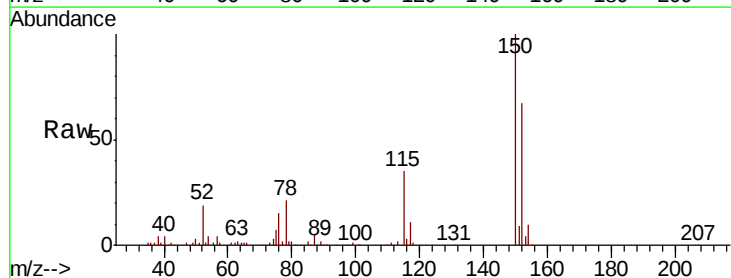
Acq: 27 Nov 2019 11:46

Tgt Ion: 75 Resp: 10903

Ion Ratio Lower Upper

75 100

77 36.9 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

