

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110619\
 Data File : VW013924.D
 Acq On : 06 Nov 2019 14:37
 Operator : SY/VA
 Sample : K5698-07
 Misc : 7.38G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 07 00:56:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110119S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 07 00:53:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	164205	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	165842	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	84538	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	65058	25.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.84%
7) Chloroethane-d5	2.89	69	54301	26.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.40%
10) 1,1-Dichloroethene-d2	4.01	63	98263	18.88	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.52%
20) 2-Butanone-d5	7.07	46	33207	36.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.24%
24) Chloroform-d	7.65	84	136041	26.29	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.16%
26) 1,2-Dichloroethane-d4	8.31	65	72894	26.18	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.72%
29) Benzene-d6	8.27	84	284393	25.60	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.40%
33) 1,2-Dichloropropane-d6	9.27	67	86552	25.74	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.96%
37) Toluene-d8	10.32	98	261565	24.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.28%
38) trans-1,3-Dichloropropene-	10.58	79	35931	23.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.60%
39) 2-Hexanone-d5	10.93	63	28275	37.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.02%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	66449	22.34	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.36%
61) 1,2-Dichlorobenzene-d4	13.85	152	89873	26.86	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.44%

Target Compounds

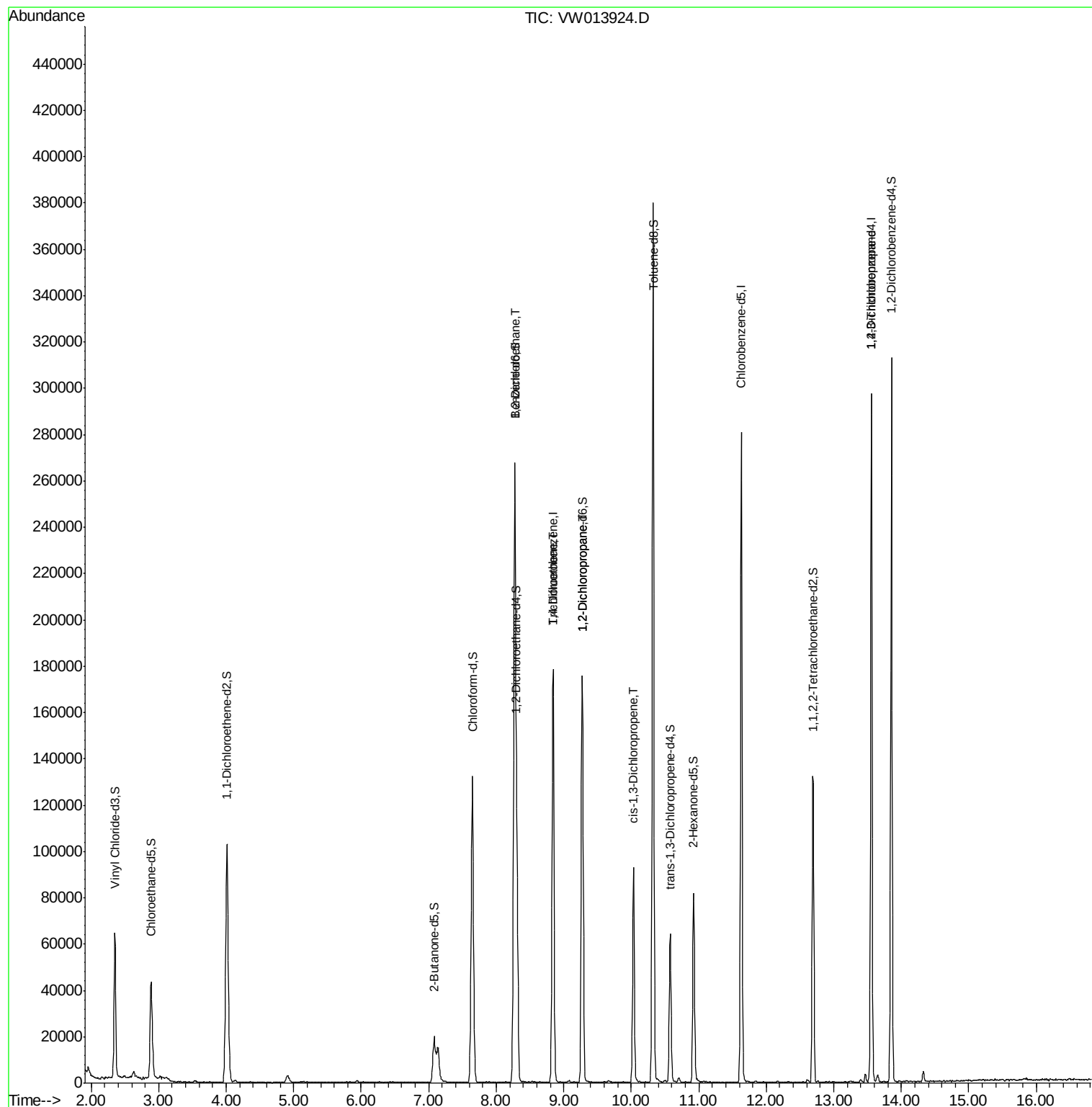
					Ovalue
27) 1,2-Dichloroethane	8.28	62	1610	0.483 ug/L #	73
35) Trichloroethene	8.85	95	4923	1.551 ug/L #	2
40) 1,2-Dichloropropane	9.27	63	9305	3.149 ug/L #	87
42) cis-1,3-Dichloropropene	10.04	75	2201	0.473 ug/L	92
59) 1,2,3-Trichloropropane	13.55	75	8320	3.729 ug/L #	88

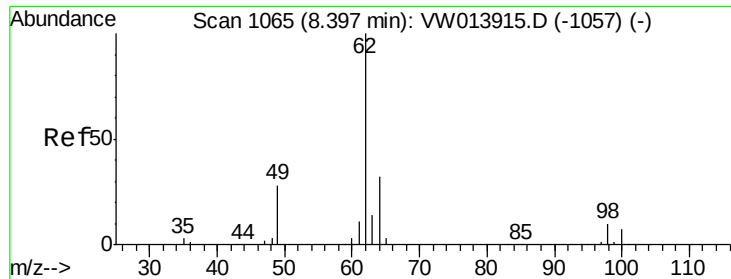
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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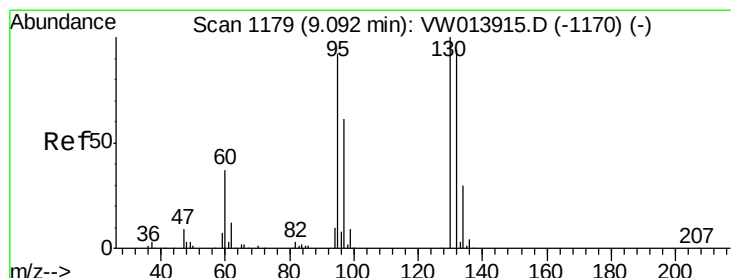
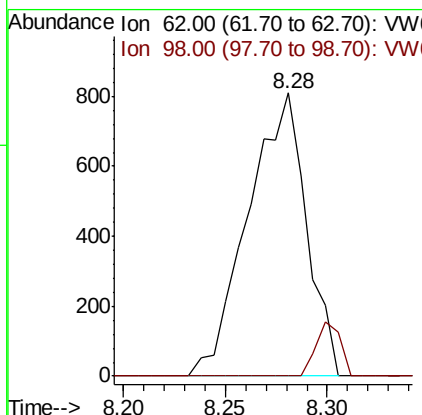
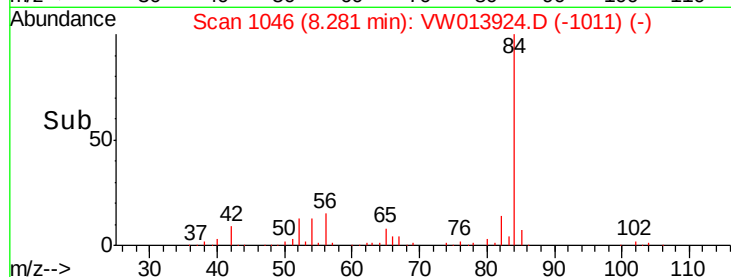
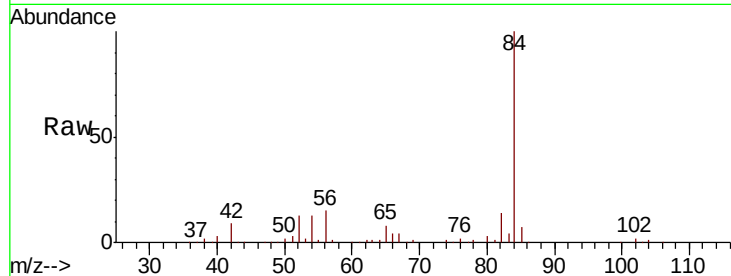




#27
 1,2-Dichloroethane
 Concen: 0.483 ug/L
 RT: 8.28 min Scan# 1046
 Delta R.T. -0.12 min
 Lab File: VW013924.D
 Acq: 06 Nov 2019 14:37

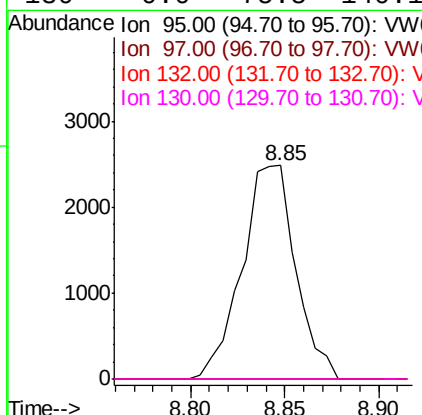
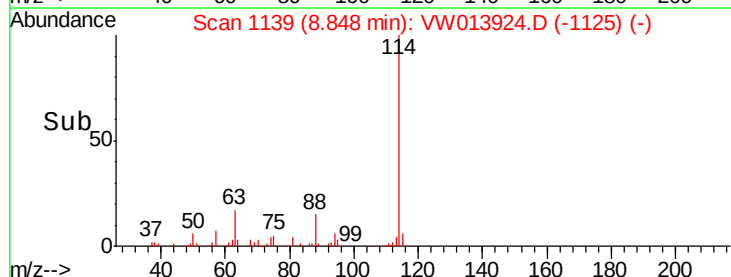
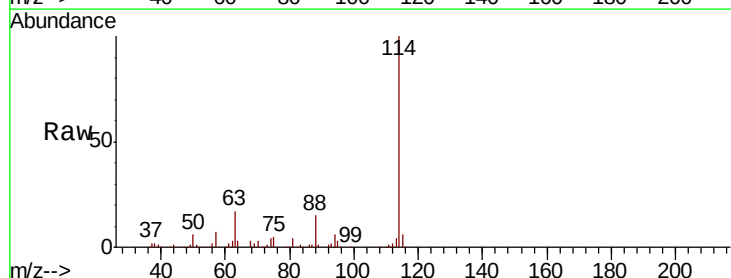
Instrument :
 MSVOA_W
 ClientSampleId :

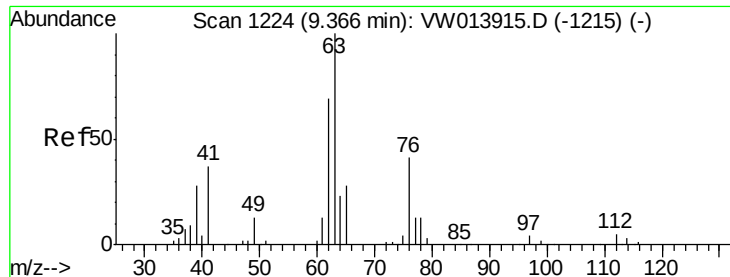
Tot Ion: 62 Resp: 1610
 Ion Ratio Lower Upper
 62 100
 98 0.0 8.2 12.2#



#35
 Trichloroethene
 Concen: 1.551 ug/L
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.24 min
 Lab File: VW013924.D
 Acq: 06 Nov 2019 14:37

Tgt Ion: 95 Resp: 4923
 Ion Ratio Lower Upper
 95 100
 97 0.0 44.9 83.5#
 132 0.0 73.3 136.1#
 130 0.0 75.5 140.1#





#40

1,2-Dichloropropane

Concen: 3.149 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.09 min

Lab File: VW013924.D

Acq: 06 Nov 2019 14:37

Instrument :

MSVOA_W

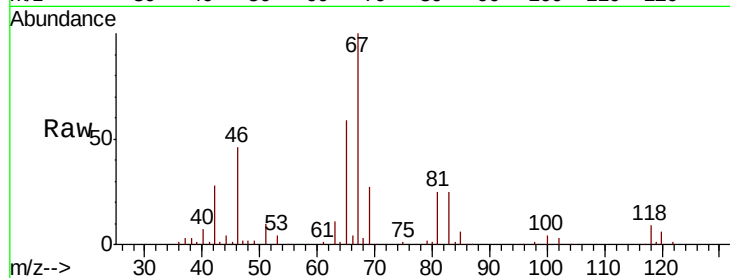
ClientSampled :

Tot Ion: 63 Resp: 9305

Ion Ratio Lower Upper

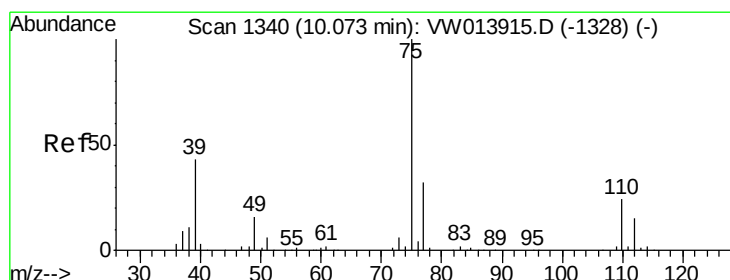
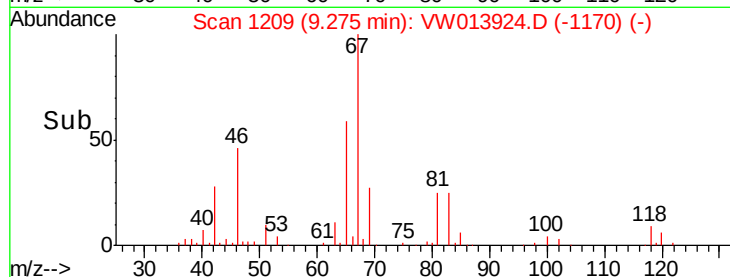
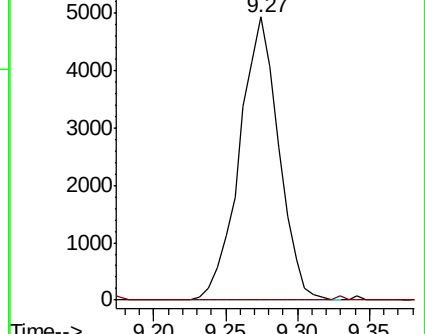
63 100

112 0.6 3.9 5.9#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): VW



#42

cis-1,3-Dichloropropene

Concen: 0.473 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW013924.D

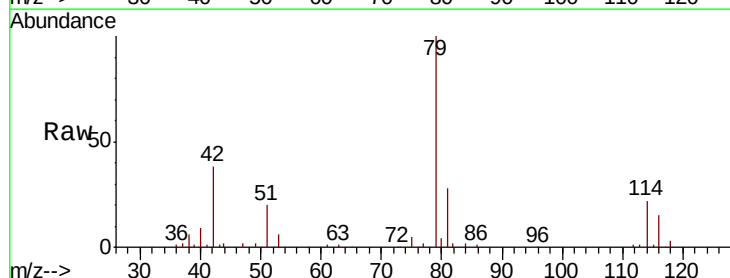
Acq: 06 Nov 2019 14:37

Tgt Ion: 75 Resp: 2201

Ion Ratio Lower Upper

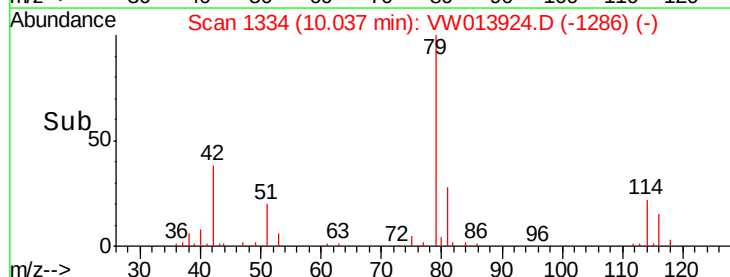
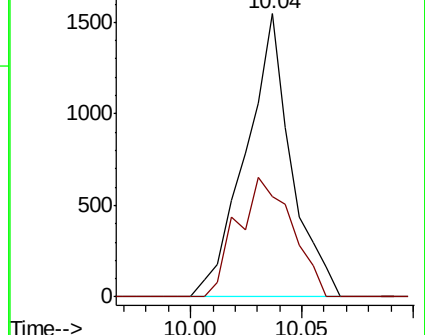
75 100

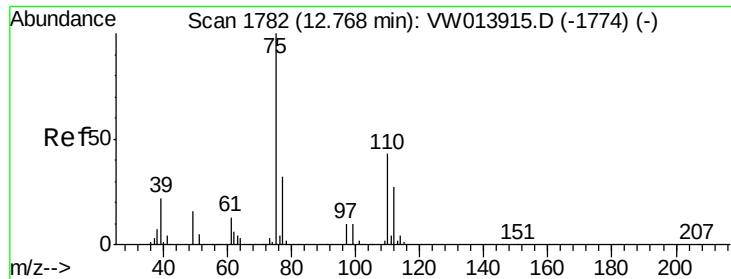
77 35.6 21.8 40.4



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: 3.729 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW013924.D

Acq: 06 Nov 2019 14:37

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 8320

Ion Ratio Lower Upper

75 100

77 39.1 25.9 38.9#

