

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110619\
 Data File : VW013922.D
 Acq On : 06 Nov 2019 13:45
 Operator : SY/VA
 Sample : K5698-05
 Misc : 7.09G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 07 00:56:44 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	308250	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	292993	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	153251	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	126501	26.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.48%
7) Chloroethane-d5	2.89	69	102105	26.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.60%
10) 1,1-Dichloroethene-d2	4.02	63	191408	19.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.36%
20) 2-Butanone-d5	7.07	46	40468	23.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	46.90%
24) Chloroform-d	7.65	84	240949	24.81	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.24%
26) 1,2-Dichloroethane-d4	8.31	65	111102	21.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.00%
29) Benzene-d6	8.27	84	524999	26.75	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.00%
33) 1,2-Dichloropropane-d6	9.27	67	148741	25.03	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.12%
37) Toluene-d8	10.32	98	492050	26.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.72%
38) trans-1,3-Dichloropropene-	10.58	79	55496	20.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.84%
39) 2-Hexanone-d5	10.93	63	34086	25.25	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	50.50%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	85020	16.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	64.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	154780	25.52	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.08%

Target Compounds

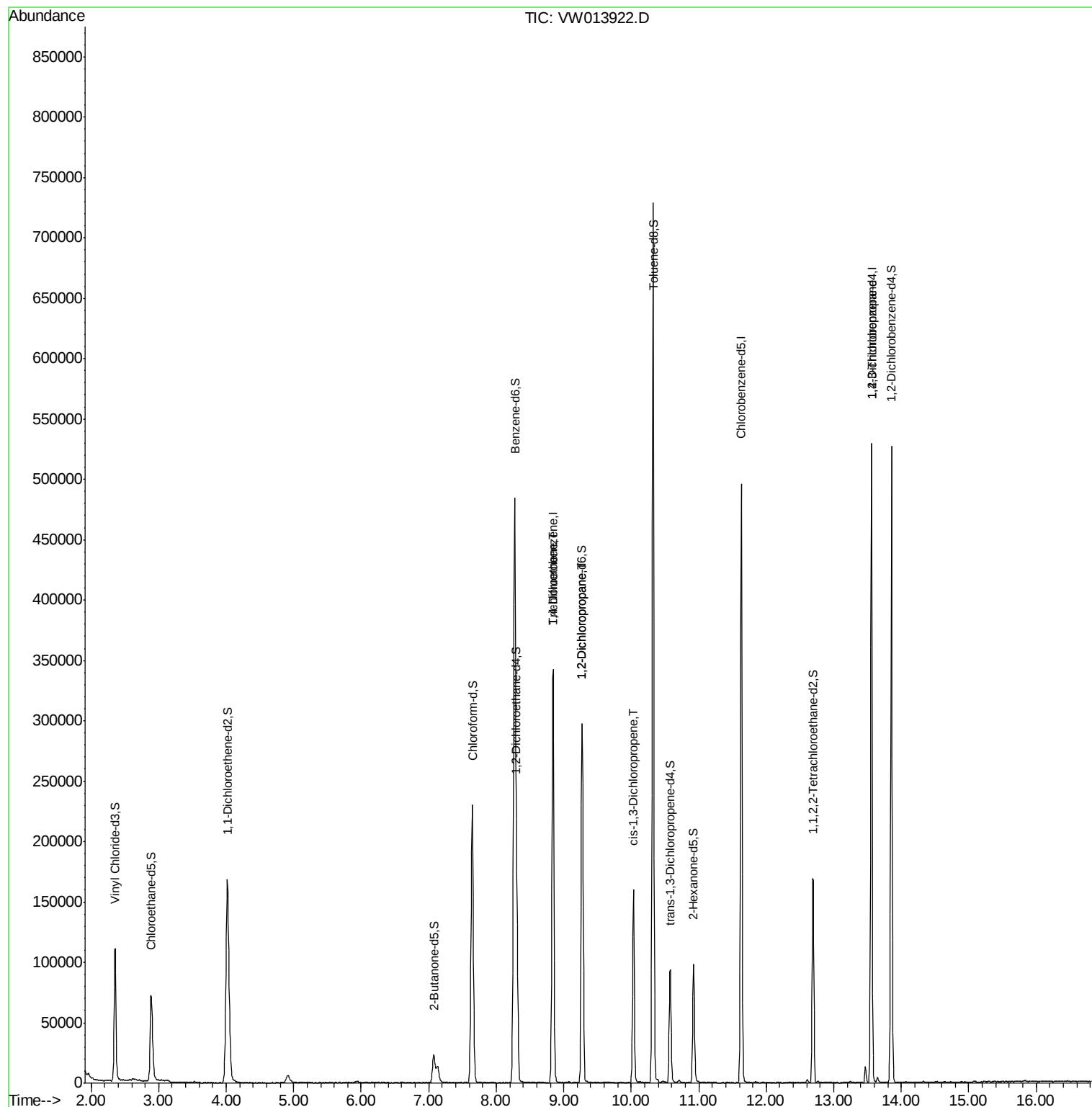
					Ovalue
35) Trichloroethene	8.84	95	8298	1.480 ug/L #	2
40) 1,2-Dichloropropane	9.27	63	15479	2.965 ug/L #	85
42) cis-1,3-Dichloropropene	10.03	75	3448	0.419 ug/L #	44
59) 1,2,3-Trichloropropane	13.56	75	15674	3.976 ug/L	93

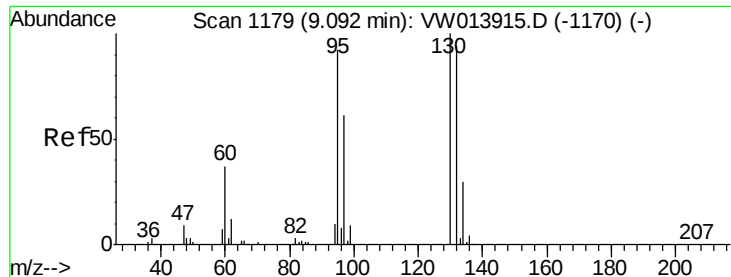
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Trichloroethene

Concen: 1.480 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW013922.D

Acq: 06 Nov 2019 13:45

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 95 Resp: 8298

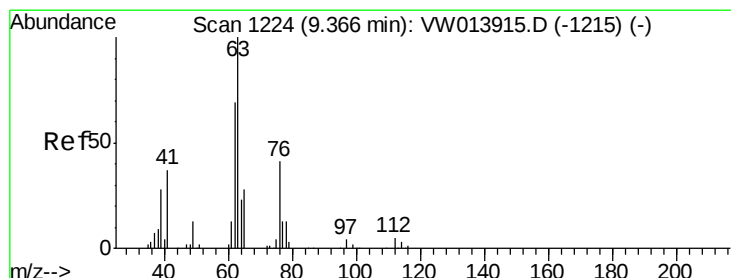
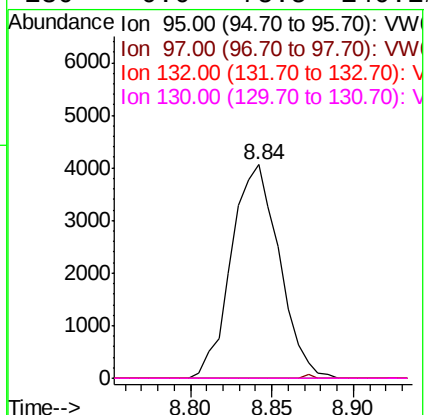
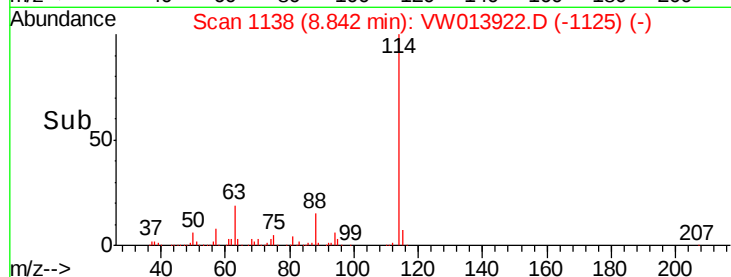
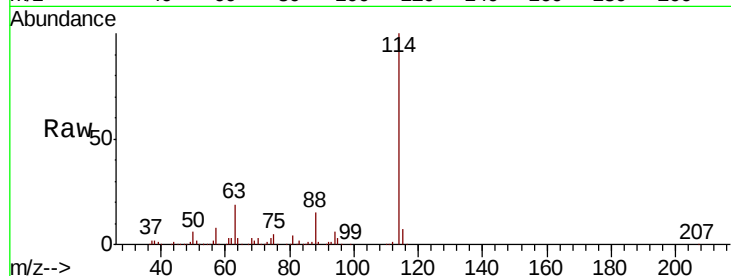
Ion Ratio Lower Upper

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: 2.965 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.09 min

Lab File: VW013922.D

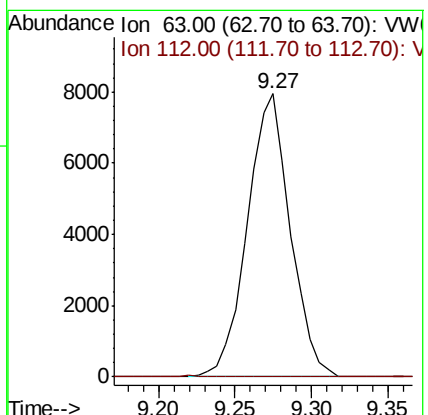
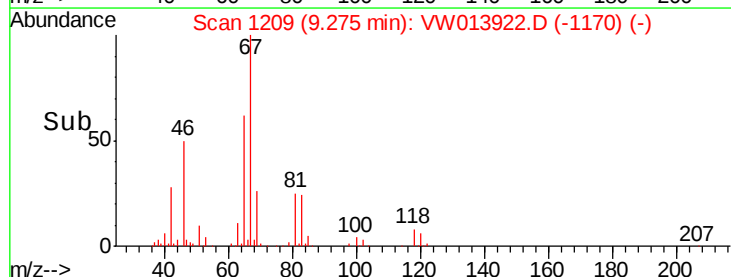
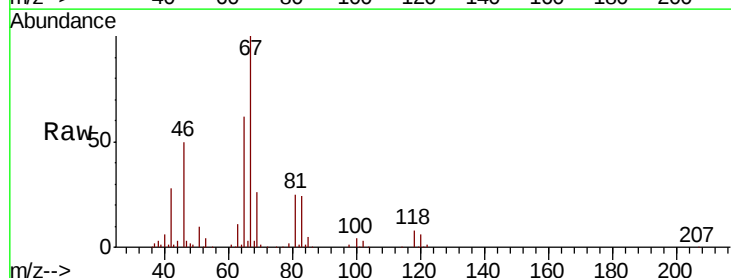
Acq: 06 Nov 2019 13:45

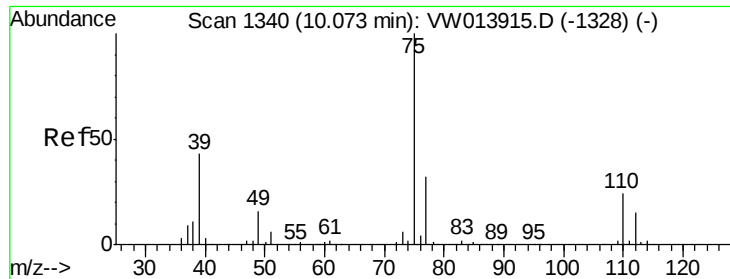
Tgt Ion: 63 Resp: 15479

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#





#42

cis-1,3-Dichloropropene

Concen: 0.419 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW013922.D

Acq: 06 Nov 2019 13:45

Instrument :

MSVOA_W

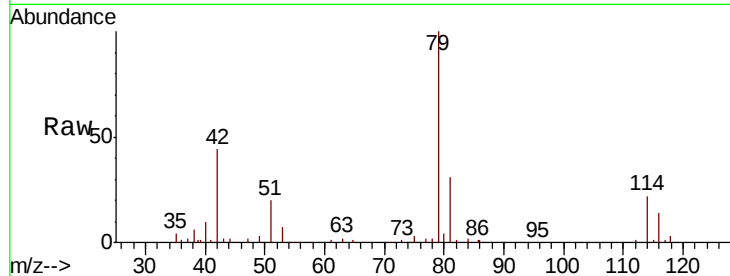
ClientSampleId :

Tot Ion: 75 Resp: 3448

Ion Ratio Lower Upper

75 100

77 61.8 21.8 40.4#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

10.03

1500

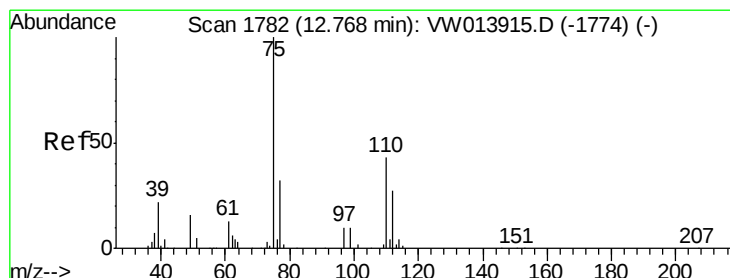
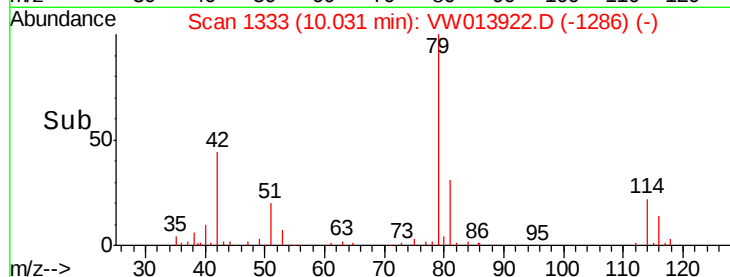
1000

500

0

10.00 10.05

Time-->



#59

1,2,3-Trichloropropane

Concen: 3.976 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW013922.D

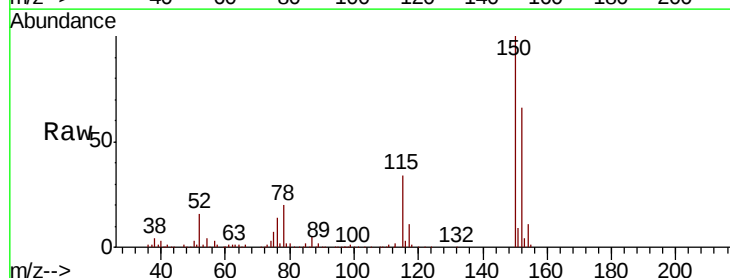
Acq: 06 Nov 2019 13:45

Tgt Ion: 75 Resp: 15674

Ion Ratio Lower Upper

75 100

77 36.2 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

13.56

10000

8000

6000

4000

2000

0

13.50 13.55 13.60

Time-->

