

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091020\
 Data File : VW016526.D
 Acq On : 10 Sep 2020 15:59
 Operator : SY/VA
 Sample : L3949-03
 Misc : 4.84G/10ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AK8

Quant Time: Sep 11 06:15:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM090320S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 11 06:07:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	661965	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	571776	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	233981	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	137392	19.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.24%
7) Chloroethane-d5	2.90	69	131827	20.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.60%
10) 1,1-Dichloroethene-d2	4.03	63	202672	12.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.20%
20) 2-Butanone-d5	7.08	46	66398	26.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	52.94%
24) Chloroform-d	7.65	84	311828	20.11	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.44%
26) 1,2-Dichloroethane-d4	8.31	65	155469	18.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	73.36%
29) Benzene-d6	8.28	84	578736	19.91	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.64%
33) 1,2-Dichloropropane-d6	9.28	67	168743	19.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	79.04%
37) Toluene-d8	10.33	98	521921	18.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.56%
38) trans-1,3-Dichloropropene-	10.59	79	72354	16.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	67.16%
39) 2-Hexanone-d5	10.93	63	51443	29.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	58.94%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	123933	17.16	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	68.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	171797	21.25	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.00%

Target Compounds

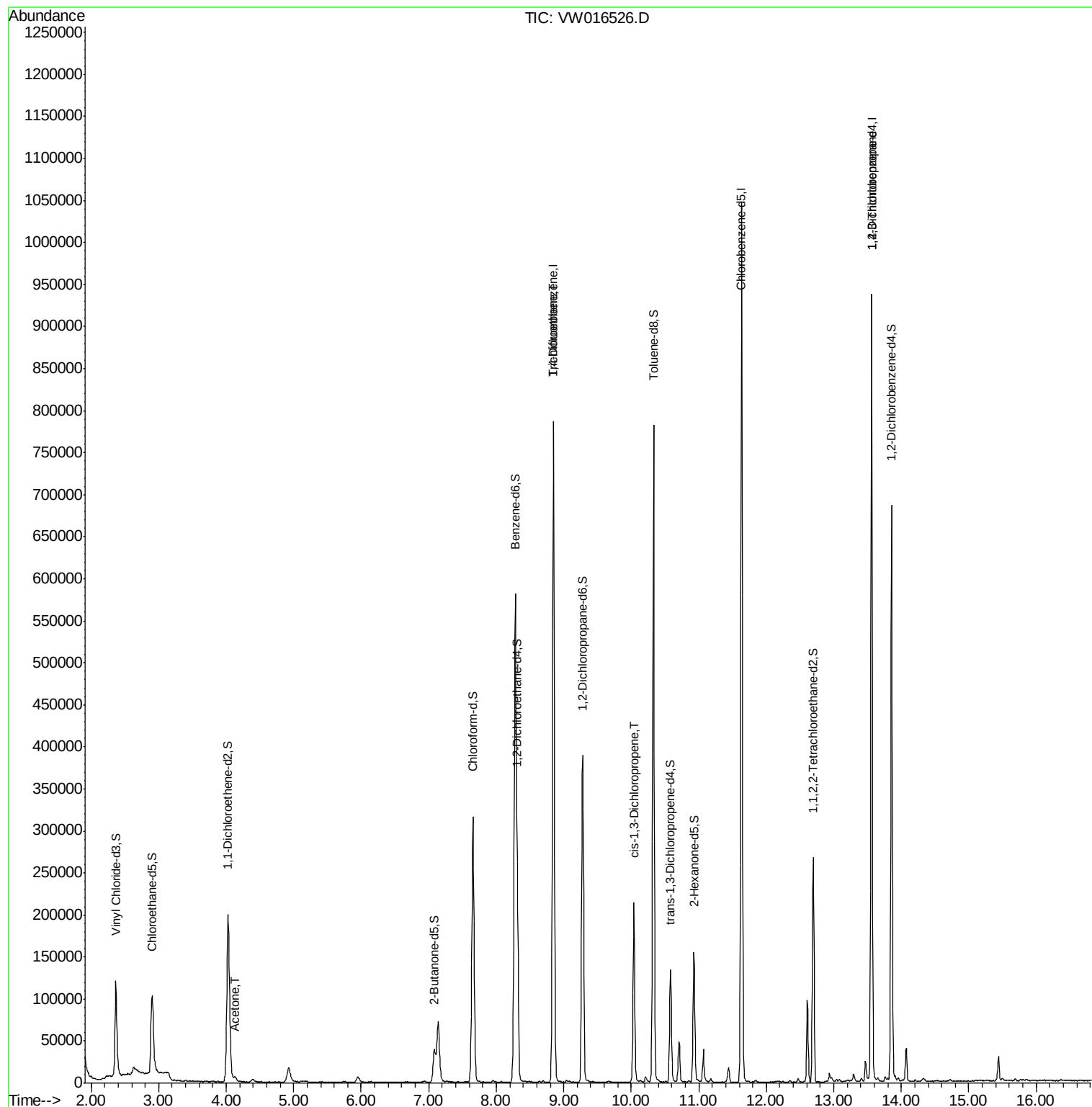
					Ovalue
13) Acetone	4.13	43	8725	5.420 ug/L	95
35) Trichloroethene	8.85	95	19809	2.287 ug/L #	4
42) cis-1,3-Dichloropropene	10.04	75	6351	0.484 ug/L	89
59) 1,2,3-Trichloropropane	13.56	75	30971	5.674 ug/L	90

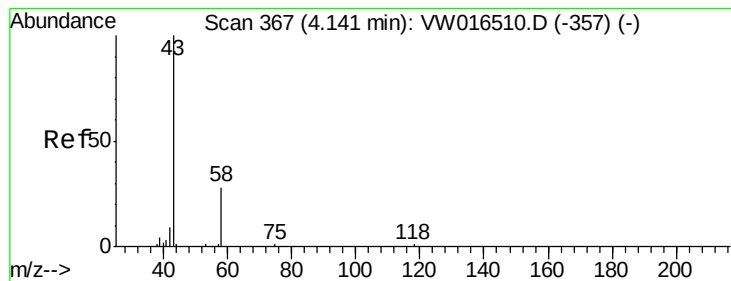
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.420 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW016526.D

Acq: 10 Sep 2020 15:59

Instrument :

MSVOA_W

ClientSampleId :

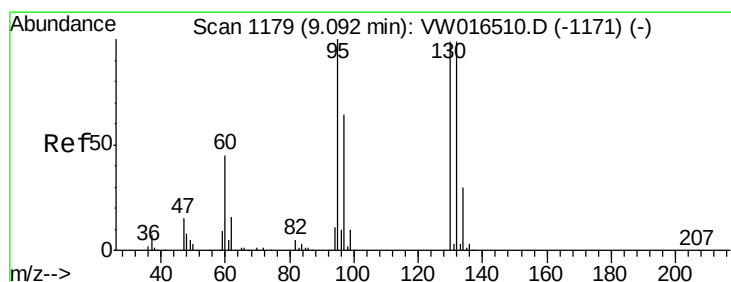
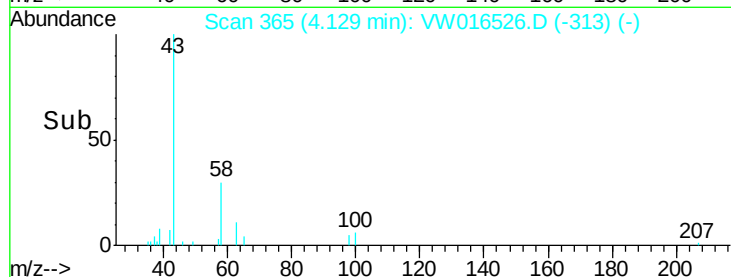
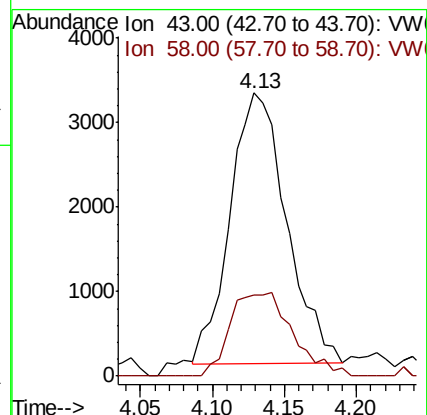
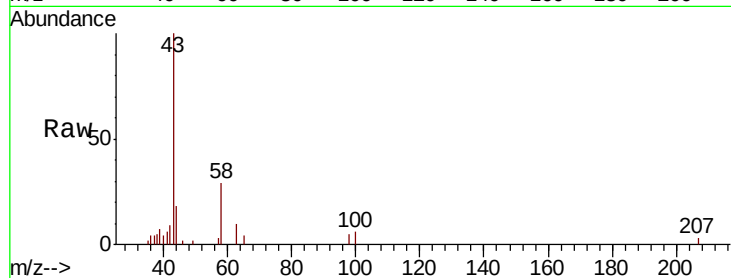
C0AK8

Tot Ion: 43 Resp: 8725

Ion Ratio Lower Upper

43 100

58 34.1 0.0 63.0



#35

Trichloroethene

Concen: 2.287 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW016526.D

Acq: 10 Sep 2020 15:59

Tgt Ion: 95 Resp: 19809

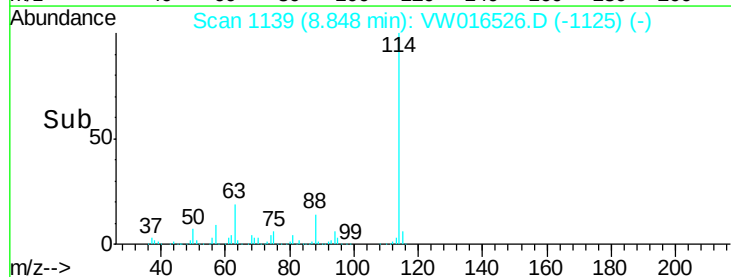
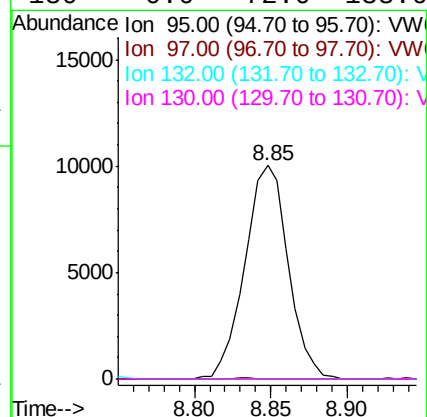
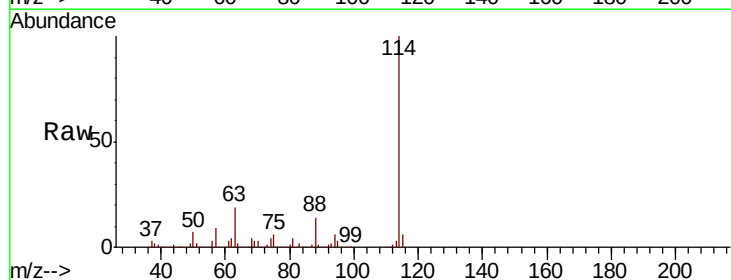
Ion Ratio Lower Upper

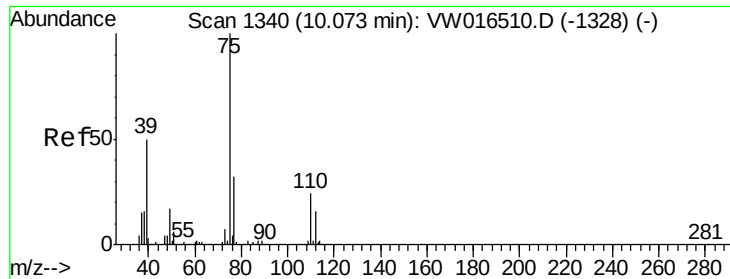
95 100

97 0.2 44.9 83.5#

132 0.0 69.2 128.4#

130 0.0 72.0 133.6#





#42

cis-1,3-Dichloropropene

Concen: 0.484 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016526.D

Acq: 10 Sep 2020 15:59

Instrument :

MSVOA_W

ClientSampleId :

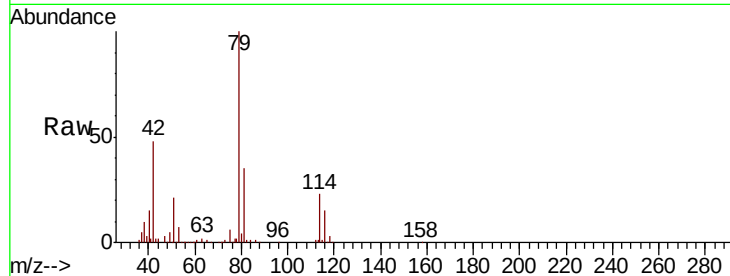
C0AK8

Tot Ion: 75 Resp: 6351

Ion Ratio Lower Upper

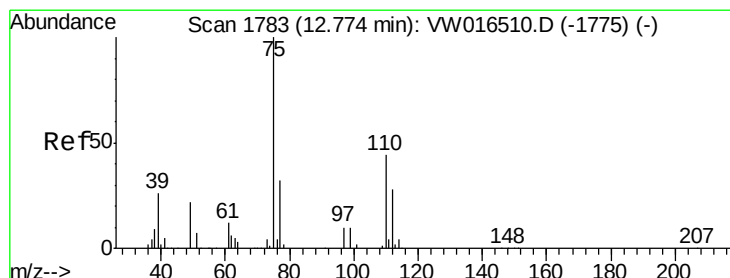
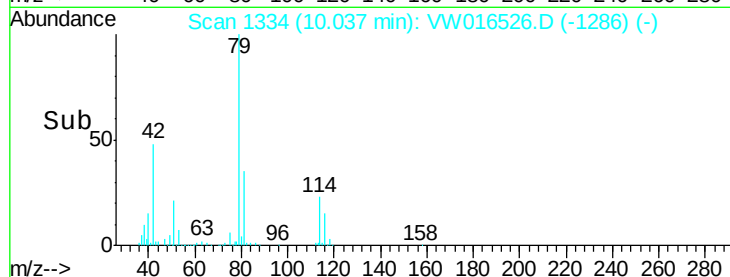
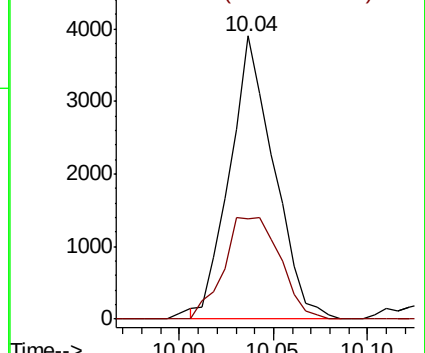
75 100

77 35.6 20.9 38.7



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: 5.674 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016526.D

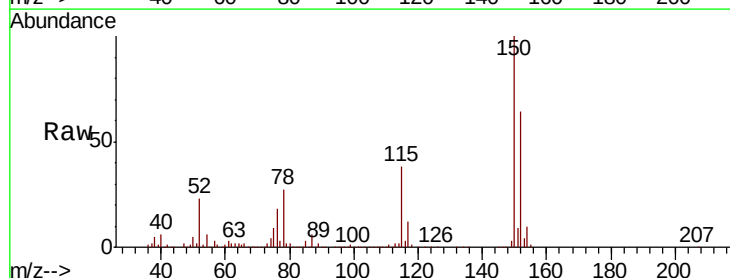
Acq: 10 Sep 2020 15:59

Tgt Ion: 75 Resp: 30971

Ion Ratio Lower Upper

75 100

77 38.4 26.0 39.0



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

