

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090920\
 Data File : VW016507.D
 Acq On : 09 Sep 2020 19:18
 Operator : SY/VA
 Sample : L3945-04
 Misc : 5.96G/10ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFWX8

Quant Time: Sep 10 05:17:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM090320S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 10 05:09:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	750975	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	660523	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	292039	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	214406	26.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.64%
7) Chloroethane-d5	2.90	69	187269	26.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.72%
10) 1,1-Dichloroethene-d2	4.16	63	297	0.02	ug/L	0.13
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.08%#
20) 2-Butanone-d5	7.08	46	85444	30.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	60.06%
24) Chloroform-d	7.65	84	420651	23.91	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.64%
26) 1,2-Dichloroethane-d4	8.31	65	217184	22.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.32%
29) Benzene-d6	8.28	84	846210	25.20	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.80%
33) 1,2-Dichloropropane-d6	9.28	67	234268	23.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.00%
37) Toluene-d8	10.33	98	813964	25.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.00%
38) trans-1,3-Dichloropropene-	10.59	79	106870	21.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.88%
39) 2-Hexanone-d5	10.93	63	71851	35.64	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.28%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	166664	19.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.92%
61) 1,2-Dichlorobenzene-d4	13.86	152	239548	23.74	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.96%

Target Compounds

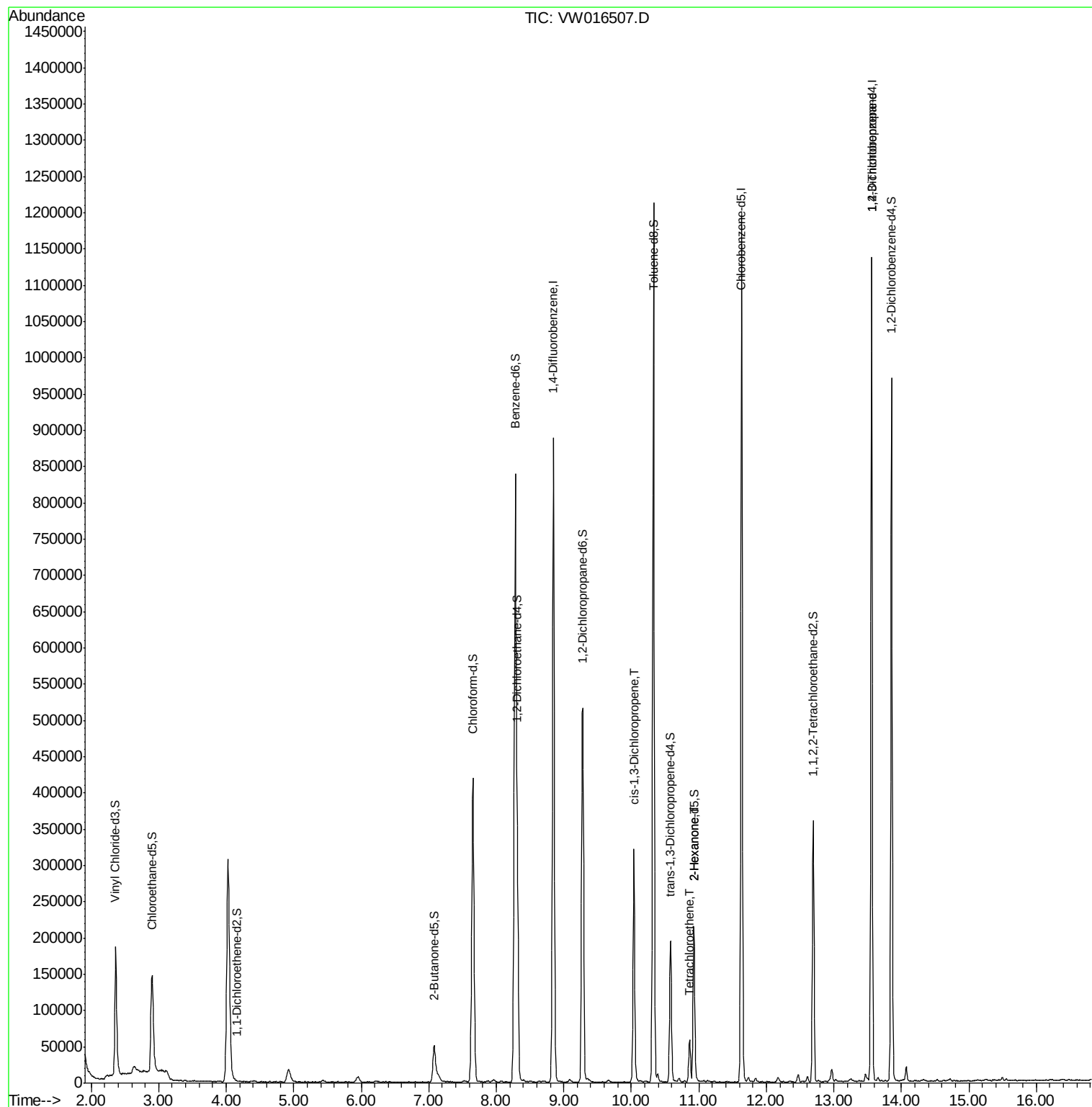
					Ovalue
42) cis-1,3-Dichloropropene	10.04	75	8959	0.591 ug/L #	78
47) Tetrachloroethene	10.87	164	12161	1.516 ug/L	85
49) 2-Hexanone	10.93	43	10251	2.328 ug/L #	68
59) 1,2,3-Trichloropropane	13.56	75	36967	5.863 ug/L	89

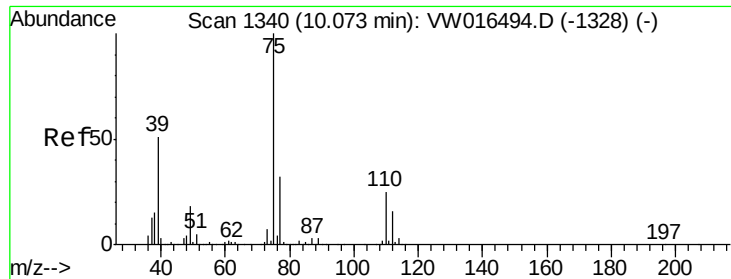
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#42

cis-1,3-Dichloropropene

Concen: 0.591 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.03 min

Lab File: VW016507.D

Acq: 09 Sep 2020 19:18

Instrument :

MSVOA_W

ClientSampleId :

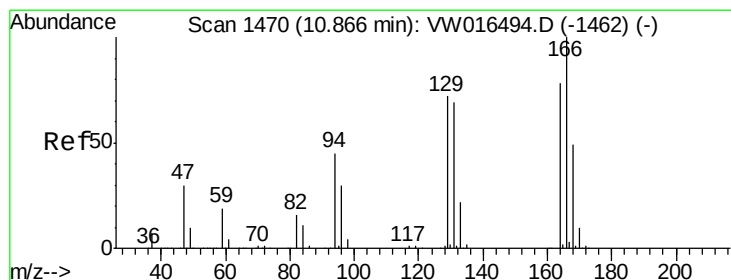
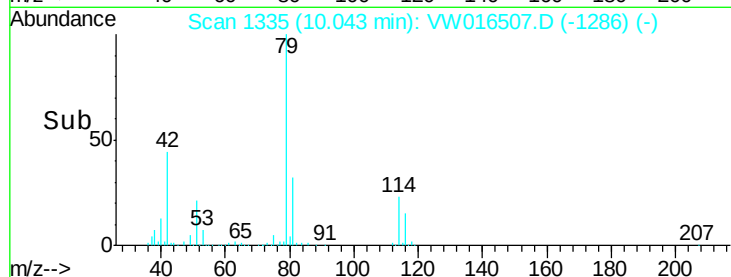
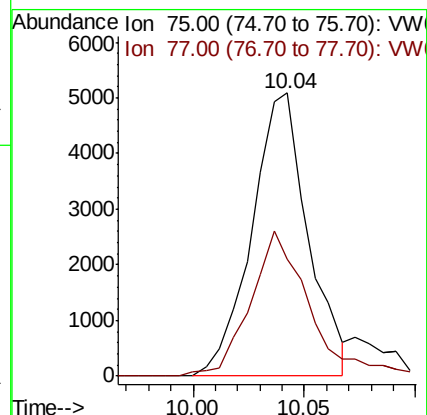
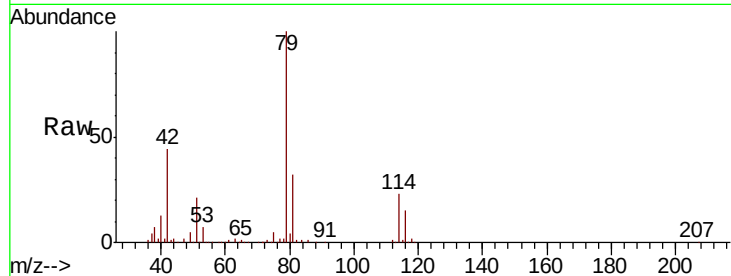
BFWX8

Tot Ion: 75 Resp: 8959

Ion Ratio Lower Upper

75 100

77 41.4 20.9 38.7#



#47

Tetrachloroethene

Concen: 1.516 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VW016507.D

Acq: 09 Sep 2020 19:18

Tgt Ion: 164 Resp: 12161

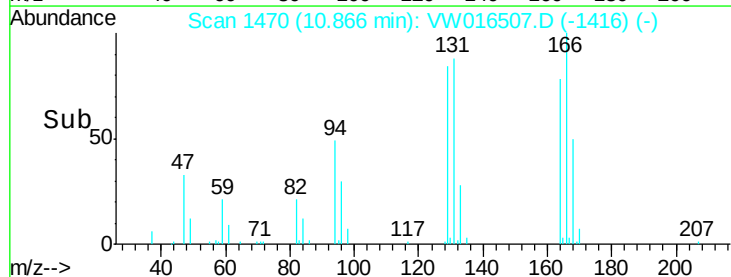
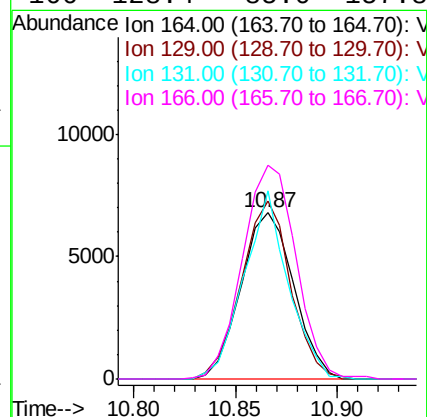
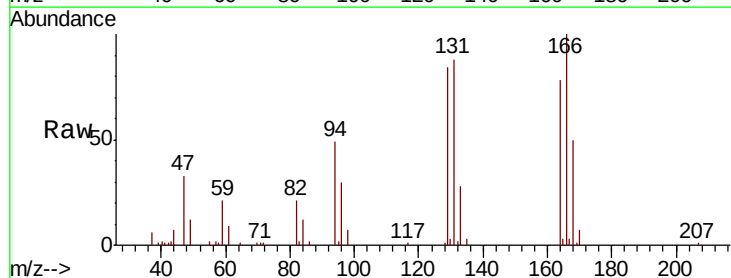
Ion Ratio Lower Upper

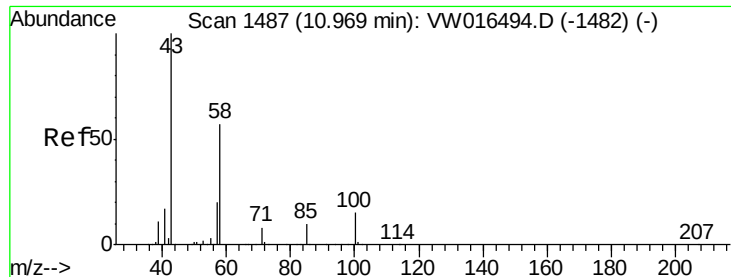
164 100

129 107.3 65.7 121.9

131 112.8 61.1 113.5

166 128.4 85.0 157.8





#49

2-Hexanone

Concen: 2.328 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW016507.D

Acq: 09 Sep 2020 19:18

Instrument :

MSVOA_W

ClientSampleId :

BFWX8

Tot Ion: 43 Resp: 10251

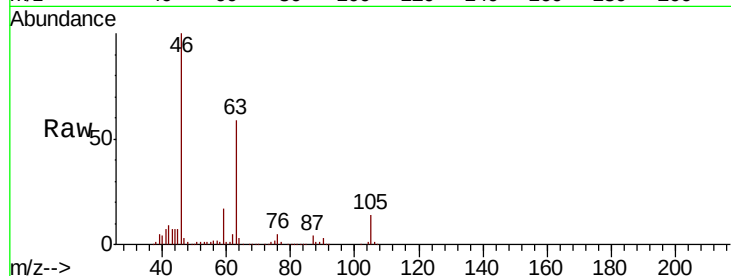
Ion Ratio Lower Upper

43 100

58 22.3 42.1 63.1#

57 18.0 14.9 22.3

100 0.0 10.3 15.5#

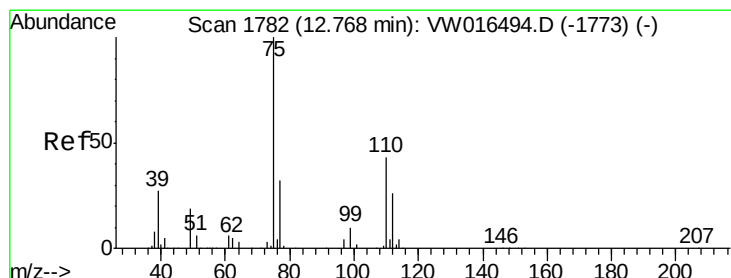
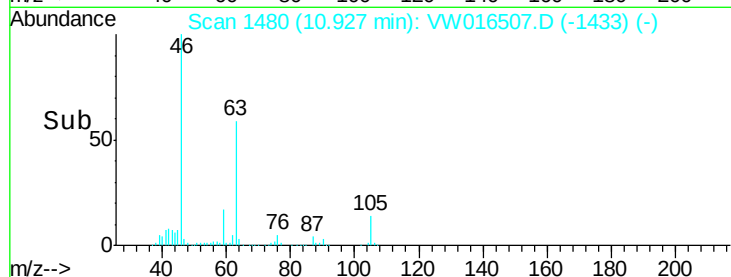
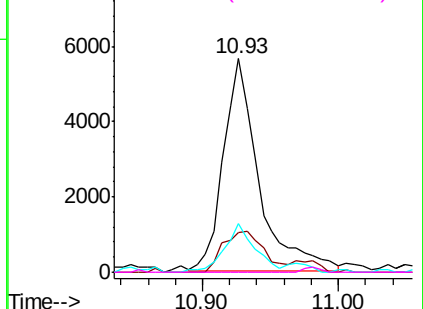


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW



#59

1,2,3-Trichloropropane

Concen: 5.863 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016507.D

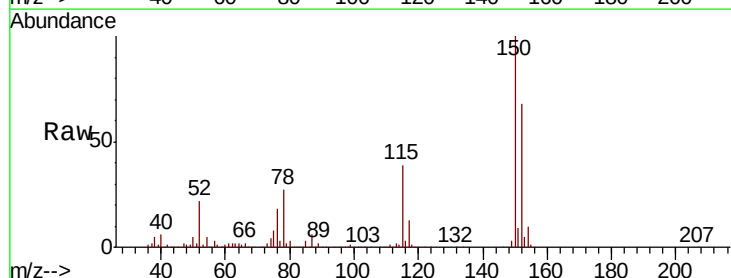
Acq: 09 Sep 2020 19:18

Tgt Ion: 75 Resp: 36967

Ion Ratio Lower Upper

75 100

77 38.5 26.0 39.0



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

