

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091020\
 Data File : VW016515.D
 Acq On : 10 Sep 2020 11:37
 Operator : SY/VA
 Sample : L3945-06
 Misc : 6.16G/10ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFWY0

Quant Time: Sep 11 06:14:34 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	665616	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	579346	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	250490	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	144348	20.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.76%
7) Chloroethane-d5	2.90	69	141880	22.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.48%
10) 1,1-Dichloroethene-d2	4.03	63	205689	12.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.68%
20) 2-Butanone-d5	7.09	46	80066	31.75	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	63.50%
24) Chloroform-d	7.65	84	338590	21.72	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.88%
26) 1,2-Dichloroethane-d4	8.31	65	181550	21.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.20%
29) Benzene-d6	8.28	84	621049	21.09	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.36%
33) 1,2-Dichloropropane-d6	9.28	67	189122	21.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.44%
37) Toluene-d8	10.33	98	572331	20.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.76%
38) trans-1,3-Dichloropropene-	10.58	79	88805	20.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.36%
39) 2-Hexanone-d5	10.93	63	69532	39.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.64%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	155698	21.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.12%
61) 1,2-Dichlorobenzene-d4	13.85	152	213022	24.61	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.44%

Target Compounds

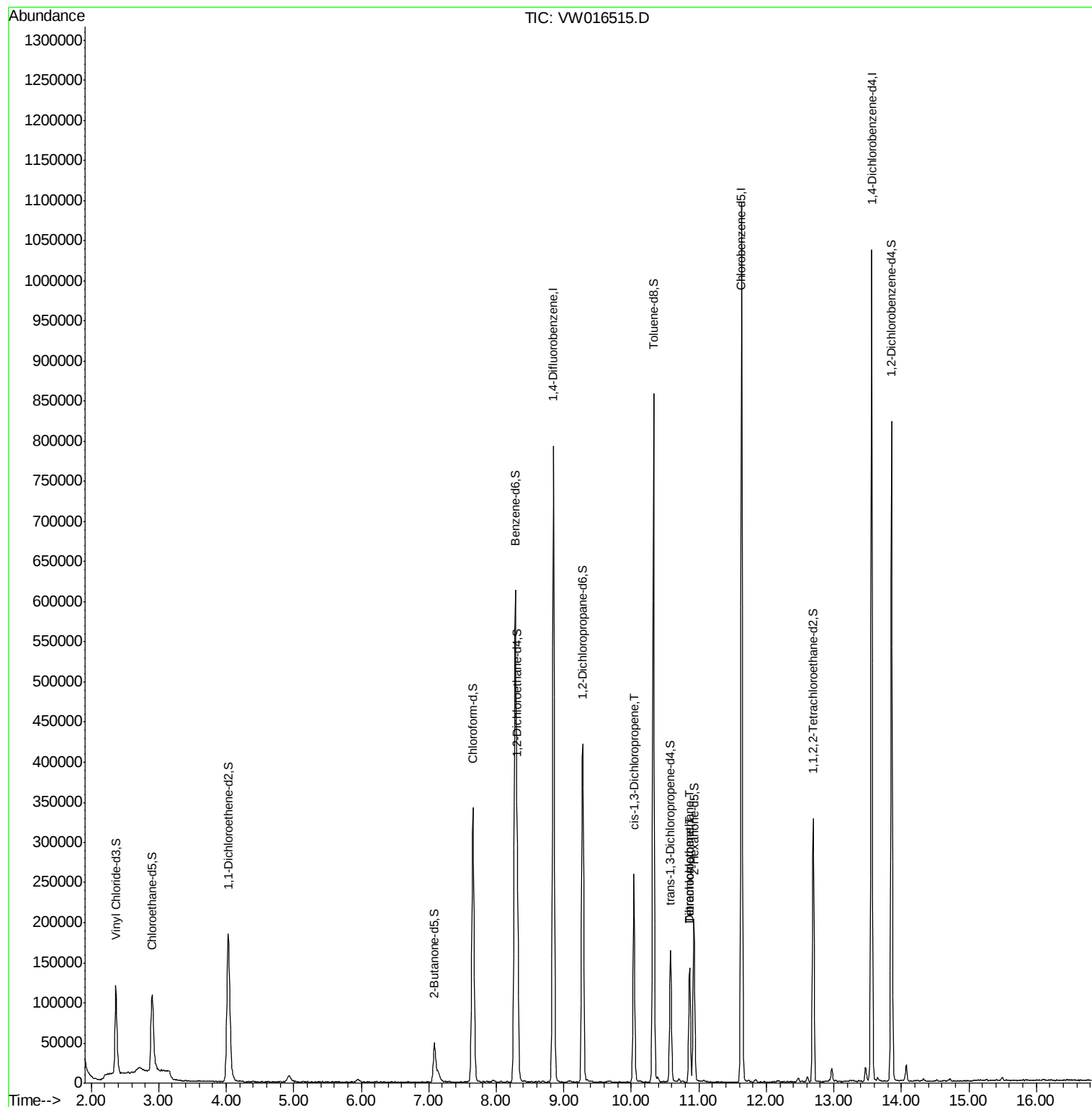
					Ovalue
42) cis-1,3-Dichloropropene	10.04	75	7581	0.570 ug/L #	75
47) Tetrachloroethene	10.86	164	29873	4.245 ug/L	94
50) Dibromochloromethane	10.87	129	30373	3.870 ug/L #	11

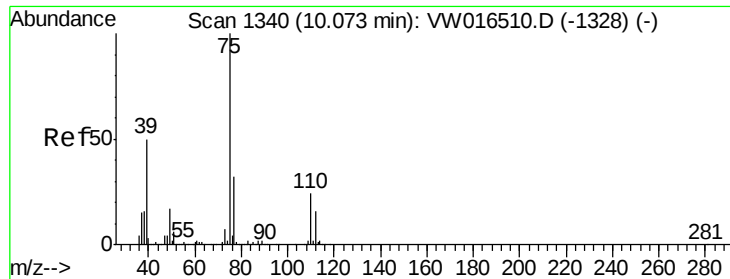
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 11 06:07:14 2020
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#42

cis-1,3-Dichloropropene

Concen: 0.570 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016515.D

Acq: 10 Sep 2020 11:37

Instrument :

MSVOA_W

ClientSampled :

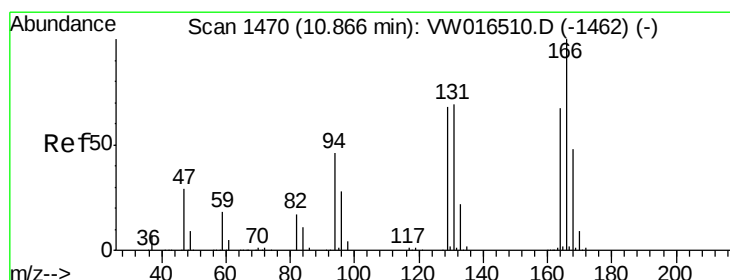
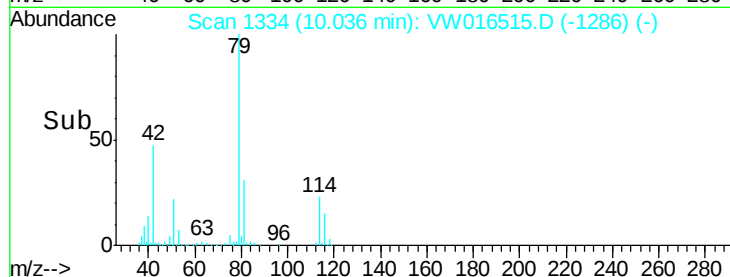
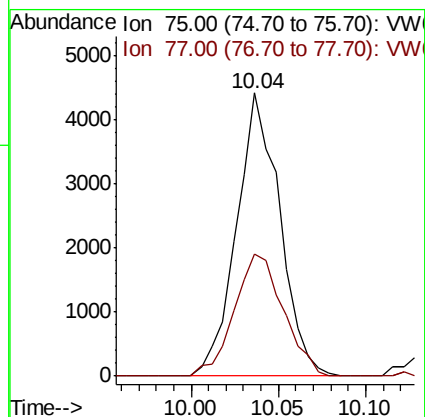
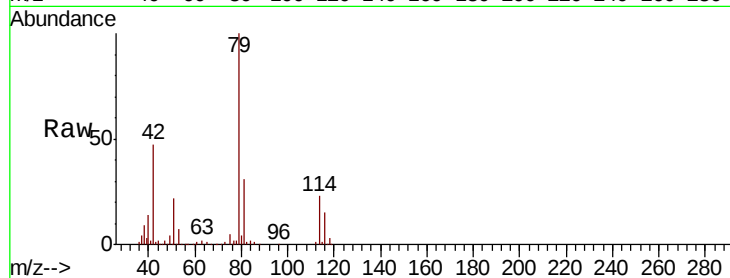
BFWY0

Tot Ion: 75 Resp: 7581

Ion Ratio Lower Upper

75 100

77 43.1 20.9 38.7#



#47

Tetrachloroethene

Concen: 4.245 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.01 min

Lab File: VW016515.D

Acq: 10 Sep 2020 11:37

Tgt Ion: 164 Resp: 29873

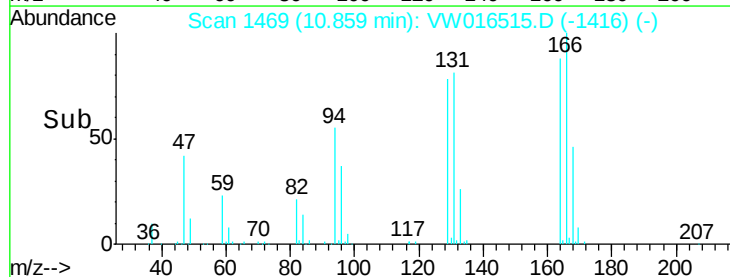
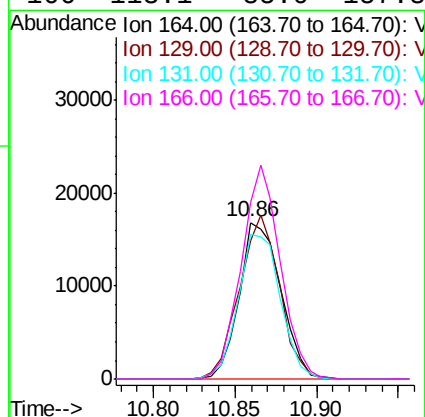
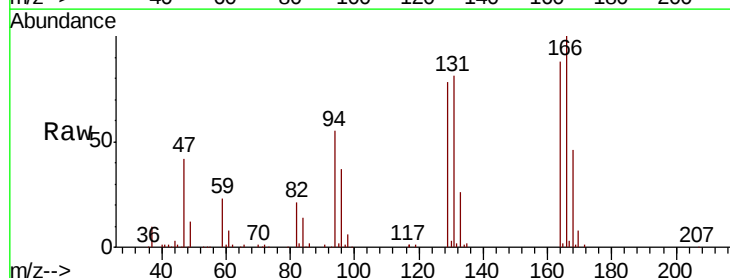
Ion Ratio Lower Upper

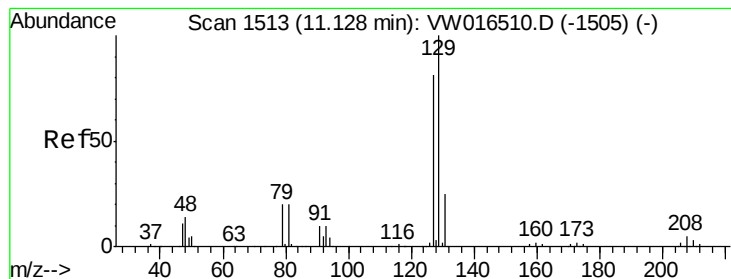
164 100

129 88.3 65.7 121.9

131 92.1 61.1 113.5

166 113.1 85.0 157.8





#50

Dibromochloromethane

Concen: 3.870 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.26 min

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MSVOA_W

ClientSampleId :

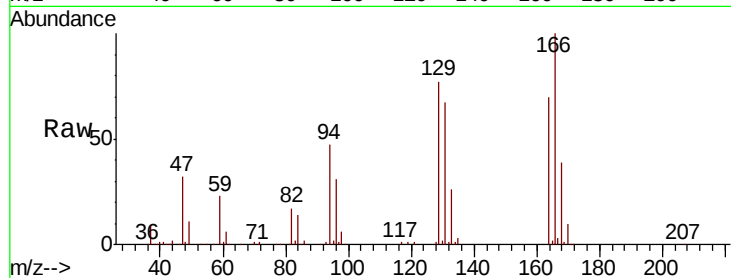
BFWY0

Tot Ion:129 Resp: 30373

Ion Ratio Lower Upper

129 100

127 0.8 55.4 103.0#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

