

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091020\
 Data File : VW016519.D
 Acq On : 10 Sep 2020 13:12
 Operator : SY/VA
 Sample : L3945-10
 Misc : 5.76G/10ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFWY4

Quant Time: Sep 11 06:15:02 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	645052	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	571012	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	239995	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	139093	20.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.28%
7) Chloroethane-d5	2.90	69	135159	21.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.96%
10) 1,1-Dichloroethene-d2	4.03	63	202825	12.89	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.56%
20) 2-Butanone-d5	7.08	46	72141	29.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	59.04%
24) Chloroform-d	7.65	84	323969	21.44	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.76%
26) 1,2-Dichloroethane-d4	8.31	65	168605	20.41	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.64%
29) Benzene-d6	8.28	84	597851	20.60	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.40%
33) 1,2-Dichloropropane-d6	9.28	67	178742	20.96	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.84%
37) Toluene-d8	10.33	98	543961	19.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.88%
38) trans-1,3-Dichloropropene-	10.58	79	81551	18.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.80%
39) 2-Hexanone-d5	10.93	63	60576	34.75	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.50%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	141007	19.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	78.20%
61) 1,2-Dichlorobenzene-d4	13.85	152	191503	23.09	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.36%

Target Compounds

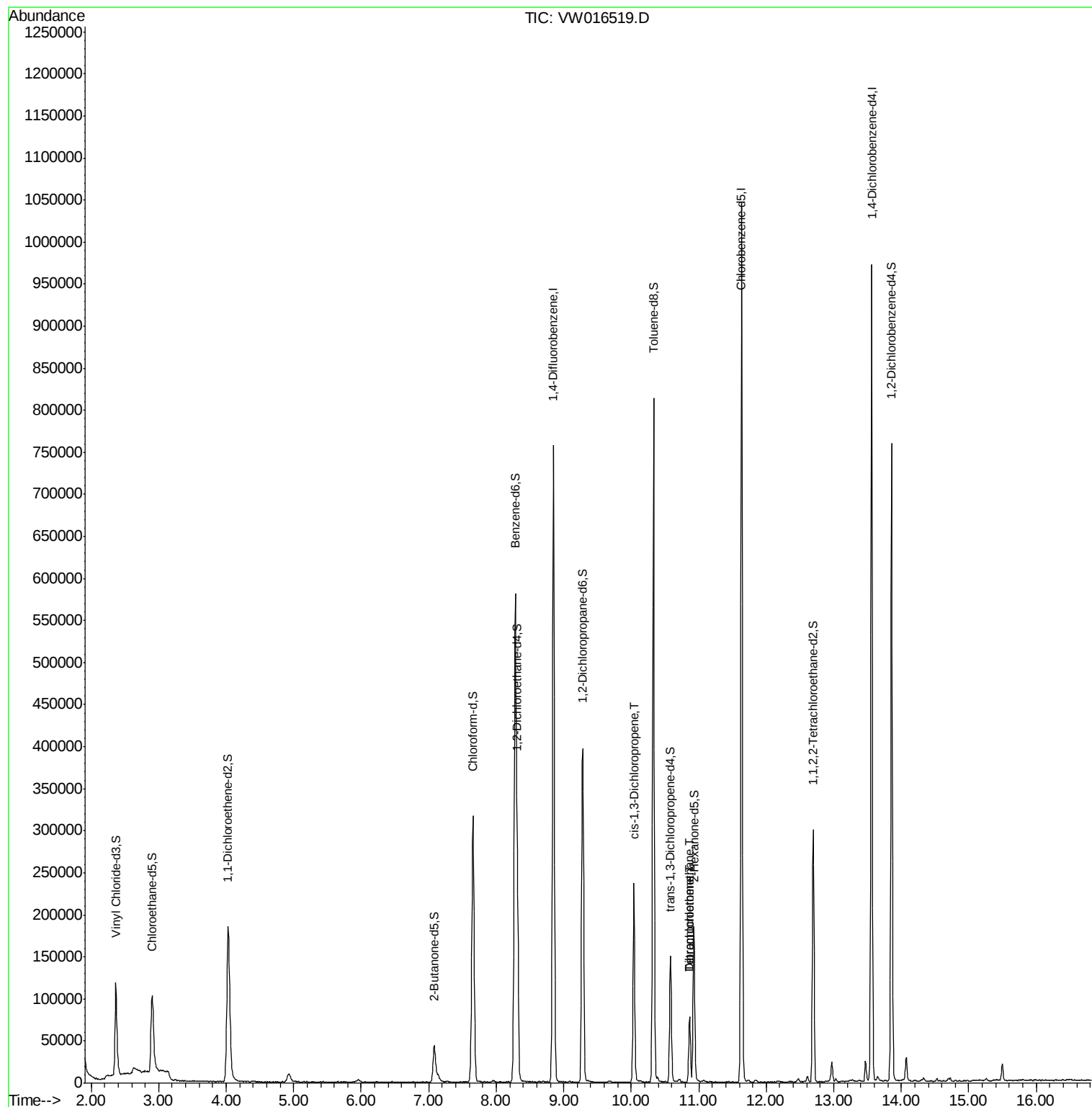
					Ovalue
42) cis-1,3-Dichloropropene	10.04	75	6737	0.514 ug/L #	65
47) Tetrachloroethene	10.87	164	15612	2.251 ug/L	87
50) Dibromochloromethane	10.87	129	15990	2.067 ug/L #	10

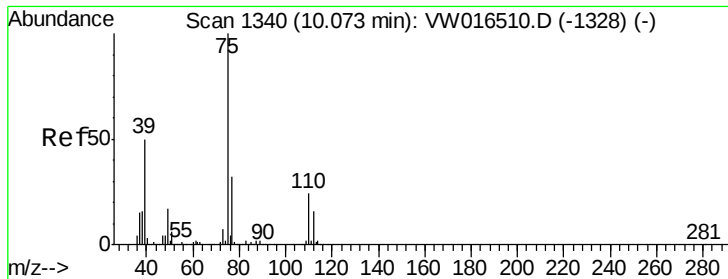
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#42

cis-1,3-Dichloropropene

Concen: 0.514 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016519.D

Acq: 10 Sep 2020 13:12

Instrument :

MSVOA_W

ClientSampleId :

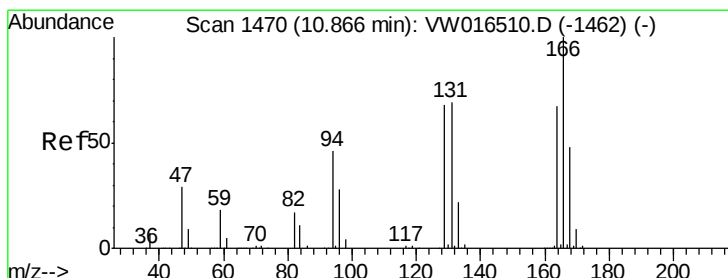
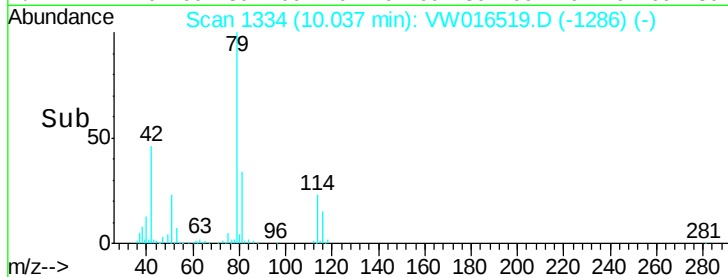
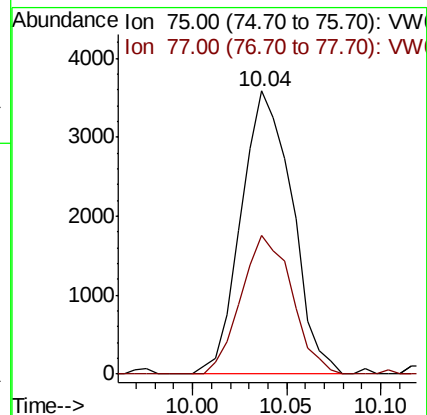
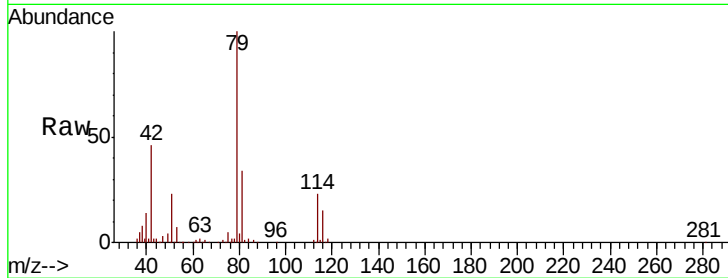
BFWY4

Tot Ion: 75 Resp: 6737

Ion Ratio Lower Upper

75 100

77 48.9 20.9 38.7#



#47

Tetrachloroethene

Concen: 2.251 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VW016519.D

Acq: 10 Sep 2020 13:12

Tgt Ion: 164 Resp: 15612

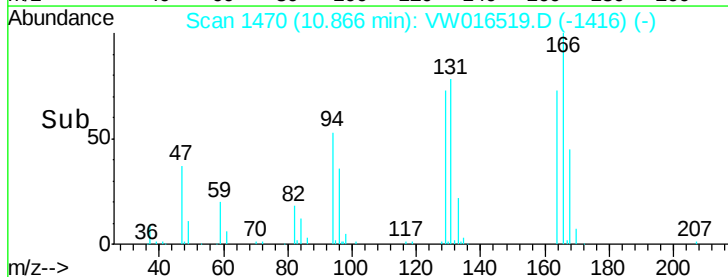
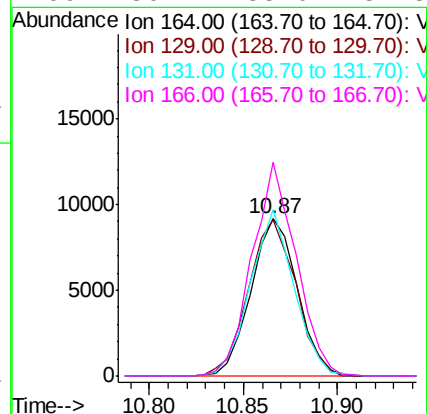
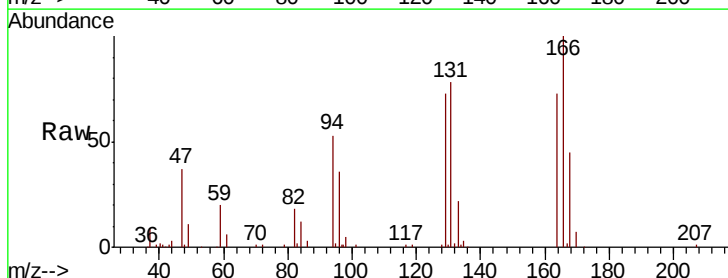
Ion Ratio Lower Upper

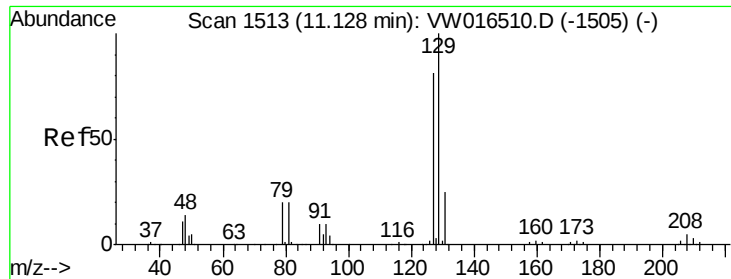
164 100

129 99.4 65.7 121.9

131 106.0 61.1 113.5

166 136.2 85.0 157.8

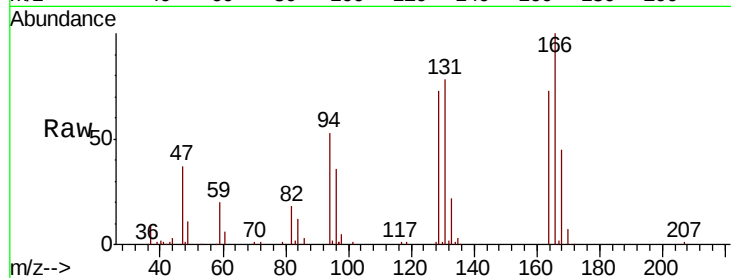




#50
 Dibromochloromethane
 Concen: 2.067 ug/L
 RT: 10.87 min Scan# 1470
 Delta R.T. -0.26 min
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 Acq: 10 Sep 2020 13:12

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 BFWY4

Tot Ion:129 Resp: 15990
 Ion Ratio Lower Upper
 129 100
 127 0.0 55.4 103.0#



Abundance Ion 129.00 (128.70 to 129.70): V
 Ion 127.00 (126.70 to 127.70): V

