

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090920\
 Data File : VW016503.D
 Acq On : 09 Sep 2020 17:43
 Operator : SY/VA
 Sample : L3950-09
 Misc : 6.27G/10ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFWW5

Quant Time: Sep 10 05:17:10 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	725155	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	633208	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	285832	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	175754	22.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.36%
7) Chloroethane-d5	2.90	69	152212	22.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.12%
10) 1,1-Dichloroethene-d2	4.03	63	273806	15.48	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.92%
20) 2-Butanone-d5	7.08	46	85260	31.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	62.06%
24) Chloroform-d	7.65	84	358611	21.11	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.44%
26) 1,2-Dichloroethane-d4	8.31	65	190565	20.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.08%
29) Benzene-d6	8.28	84	723736	22.48	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.92%
33) 1,2-Dichloropropane-d6	9.28	67	202283	21.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.56%
37) Toluene-d8	10.33	98	692750	22.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.56%
38) trans-1,3-Dichloropropene-	10.58	79	96601	20.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.00%
39) 2-Hexanone-d5	10.93	63	71825	37.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.32%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	158861	19.86	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.44%
61) 1,2-Dichlorobenzene-d4	13.85	152	216985	21.97	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.88%

Target Compounds

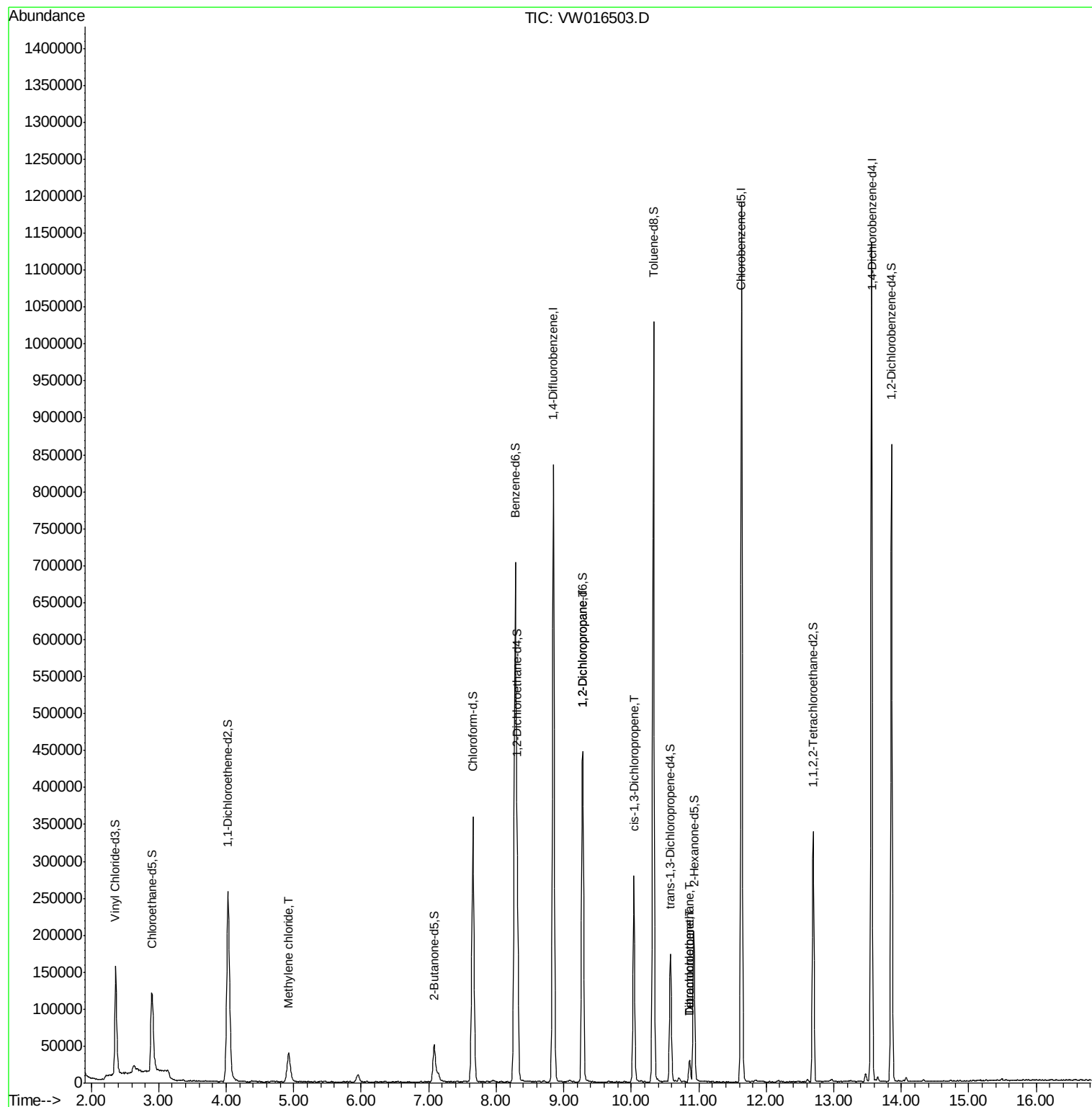
					Ovalue
16) Methylene chloride	4.92	84	18277	1.615 ug/L	99
40) 1,2-Dichloropropane	9.28	63	24923	2.912 ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	7825	0.539 ug/L #	77
47) Tetrachloroethene	10.87	164	6104	0.794 ug/L	93
50) Dibromochloromethane	10.87	129	5815	0.678 ug/L #	10

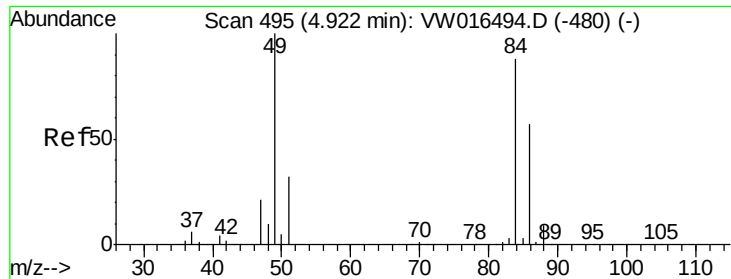
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 10 05:17:10 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM090320S.M
Quant Title : VOC Analysis
QLast Update : Thu Sep 10 05:09:14 2020
Response via : Initial Calibration

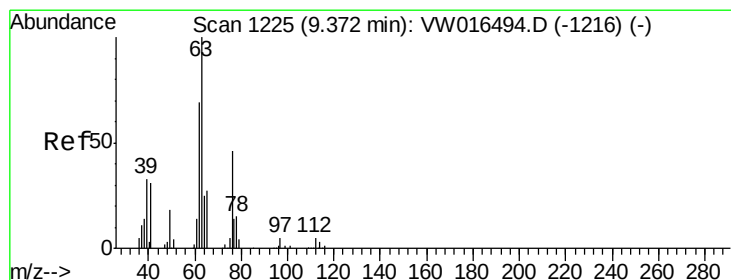
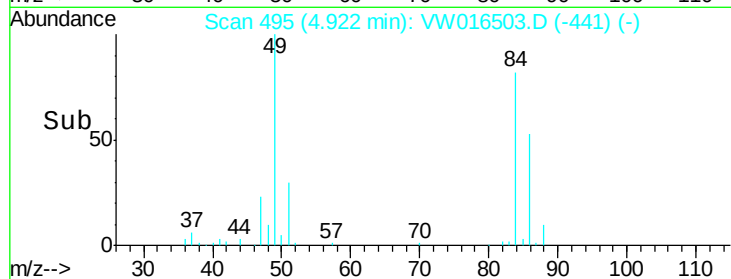
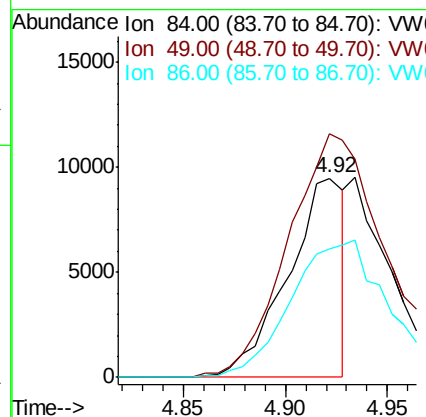
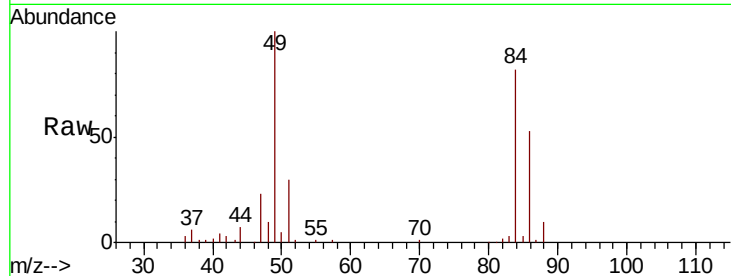




#16
Methylene chloride
Concen: 1.615 ug/L
RT: 4.92 min Scan# 495
Delta R.T. -0.00 min
Lab File: VW016503.D
Acq: 09 Sep 2020 17:43

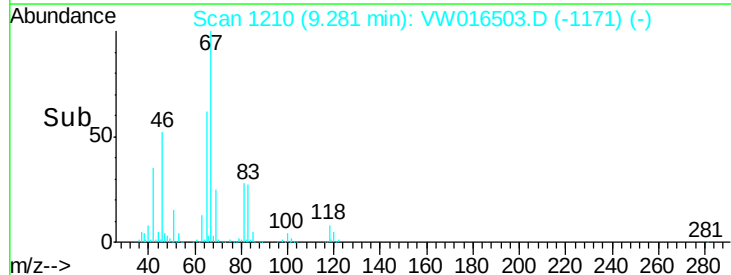
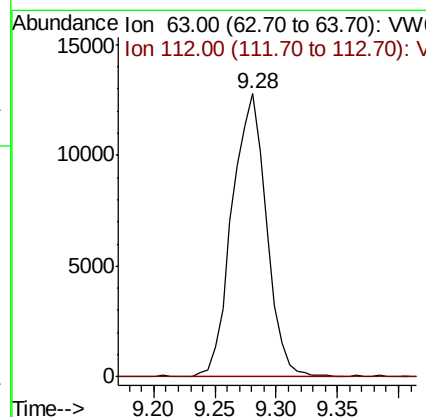
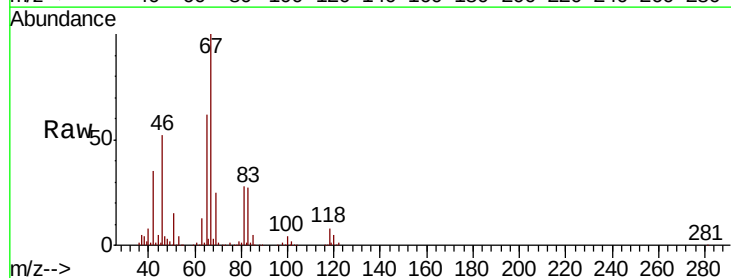
Instrument :
MSVOA_W
ClientSampleId :
BFWW5

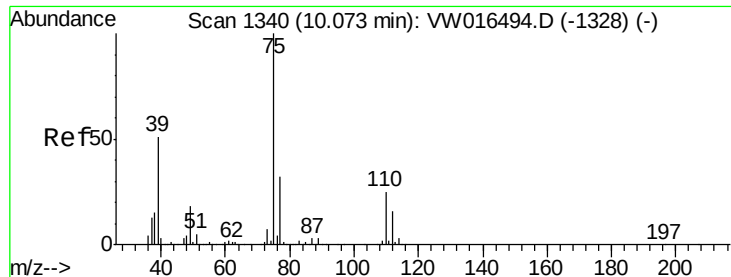
Tot Ion: 84 Resp: 18277
Ion Ratio Lower Upper
84 100
49 122.4 86.7 160.9
86 64.5 44.9 83.5



#40
1,2-Dichloropropane
Concen: 2.912 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.09 min
Lab File: VW016503.D
Acq: 09 Sep 2020 17:43

Tgt Ion: 63 Resp: 24923
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#





#42

cis-1,3-Dichloropropene

Concen: 0.539 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.03 min

Lab File: VW016503.D

Acq: 09 Sep 2020 17:43

Instrument :

MSVOA_W

ClientSampleId :

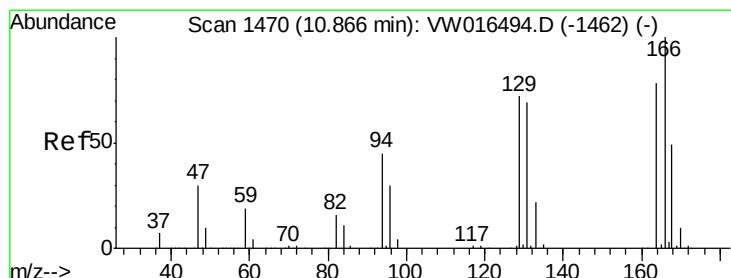
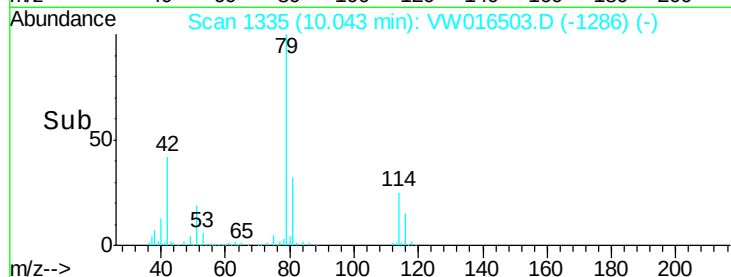
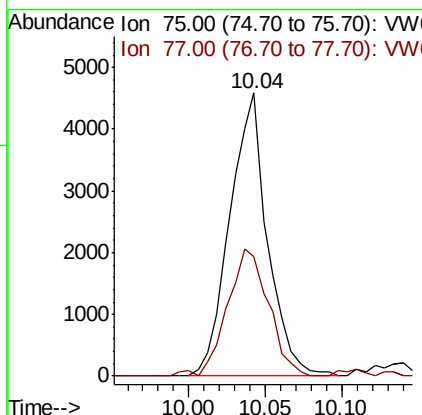
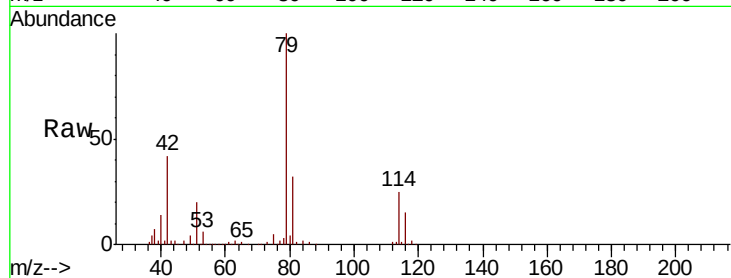
BFWW5

Tot Ion: 75 Resp: 7825

Ion Ratio Lower Upper

75 100

77 42.1 20.9 38.7#



#47

Tetrachloroethene

Concen: 0.794 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VW016503.D

Acq: 09 Sep 2020 17:43

Tgt Ion:164 Resp: 6104

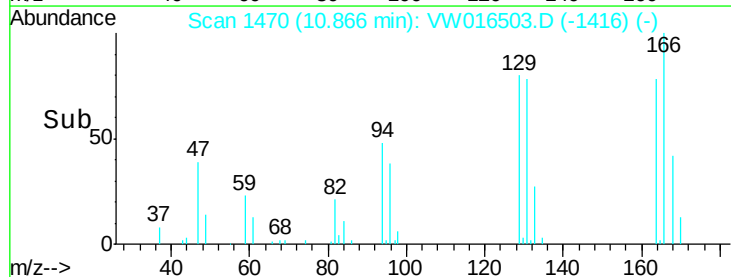
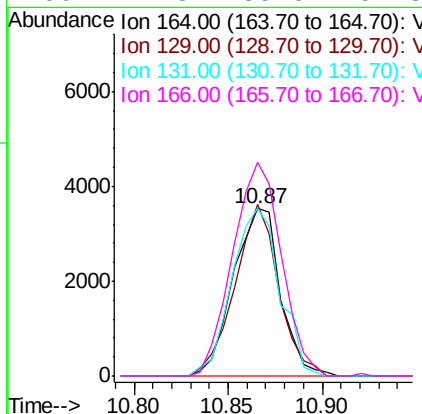
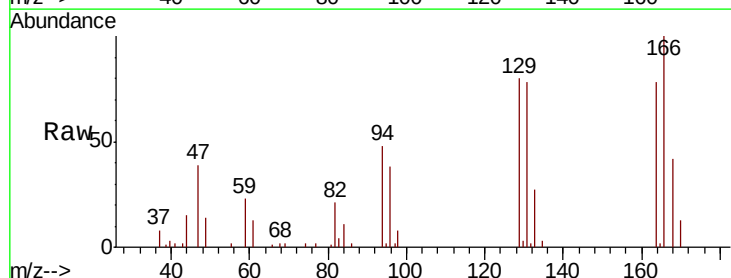
Ion Ratio Lower Upper

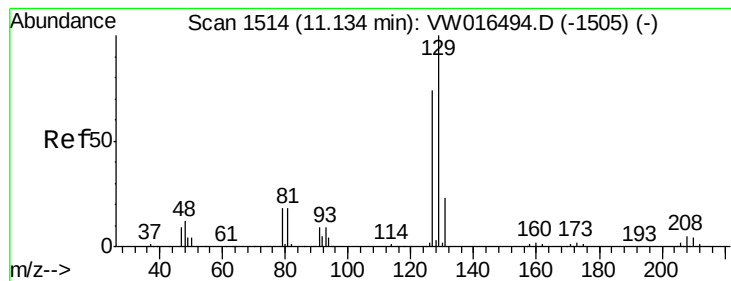
164 100

129 100.3 65.7 121.9

131 97.9 61.1 113.5

166 124.8 85.0 157.8





#50
 Dibromochloromethane
 Concen: 0.678 ug/L
 RT: 10.87 min Scan# 1470
 Delta R.T. -0.27 min
 Lab File: VW016503.D
 Acq: 09 Sep 2020 17:43

Instrument :
 MSVOA_W
 ClientSampleId :
 BFWW5

Tot Ion:129 Resp: 5815
 Ion Ratio Lower Upper
 129 100
 127 0.0 55.4 103.0#

