

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090920\
 Data File : VW016499.D
 Acq On : 09 Sep 2020 16:09
 Operator : SY/VA
 Sample : L3950-05
 Misc : 6.46G/10ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFWW1

Quant Time: Sep 10 05:16:38 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	753238	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	652031	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	272299	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	228384	28.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	114.32%
7) Chloroethane-d5	2.90	69	197847	27.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.28%
10) 1,1-Dichloroethene-d2	4.03	63	339093	18.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.80%
20) 2-Butanone-d5	7.08	46	102285	35.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.68%
24) Chloroform-d	7.65	84	438340	24.84	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.36%
26) 1,2-Dichloroethane-d4	8.31	65	236708	24.54	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.16%
29) Benzene-d6	8.28	84	889567	26.84	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.36%
33) 1,2-Dichloropropane-d6	9.28	67	249834	25.66	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.64%
37) Toluene-d8	10.33	98	833367	26.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.80%
38) trans-1,3-Dichloropropene-	10.58	79	120297	24.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.92%
39) 2-Hexanone-d5	10.93	63	88278	44.35	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.70%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	189406	23.00	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.00%
61) 1,2-Dichlorobenzene-d4	13.85	152	244944	26.03	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.12%

Target Compounds

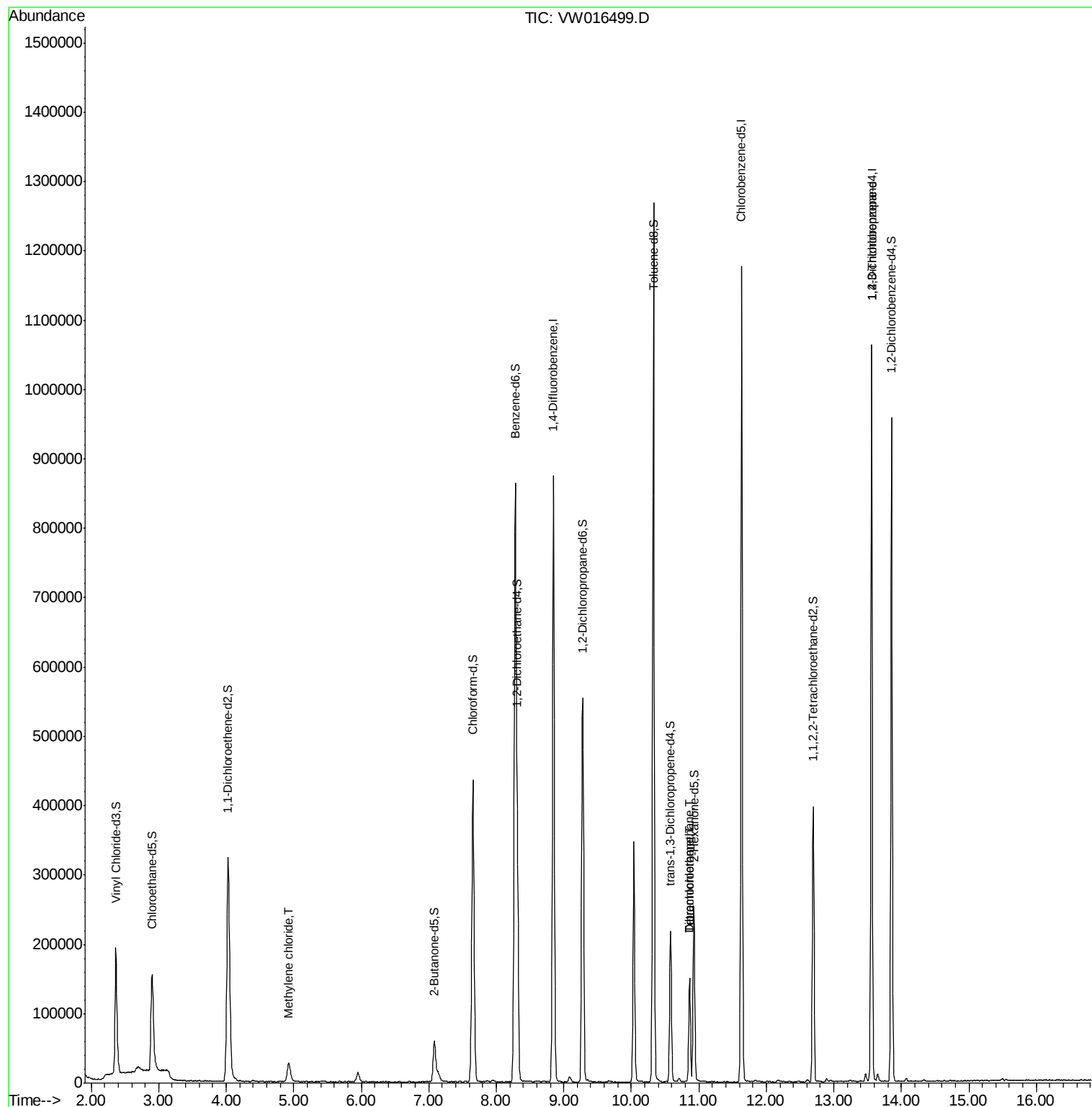
					Ovalue
16) Methylene chloride	4.93	84	22397	1.905 ug/L	94
47) Tetrachloroethene	10.87	164	30943	3.907 ug/L	97
50) Dibromochloromethane	10.87	129	29639	3.355 ug/L #	10
59) 1,2,3-Trichloropropane	13.56	75	35258	5.665 ug/L	90

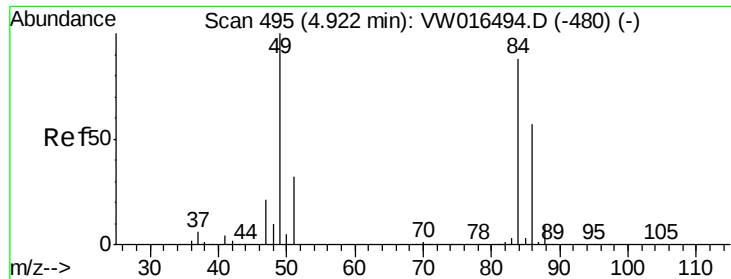
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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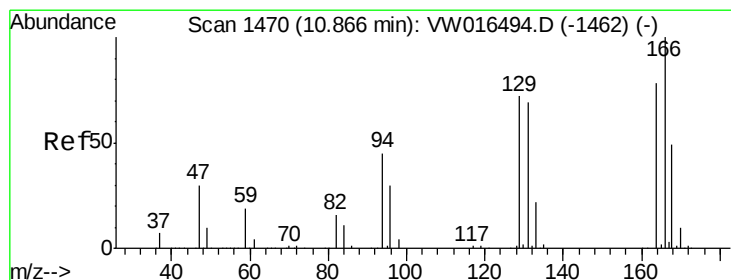
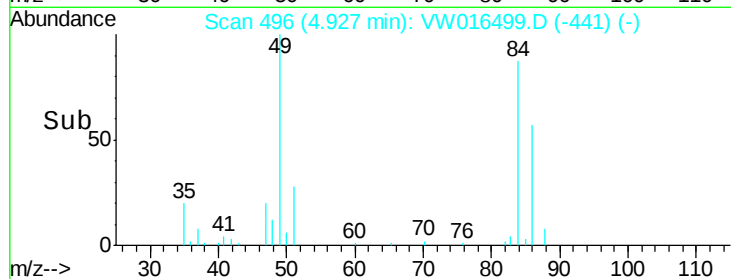
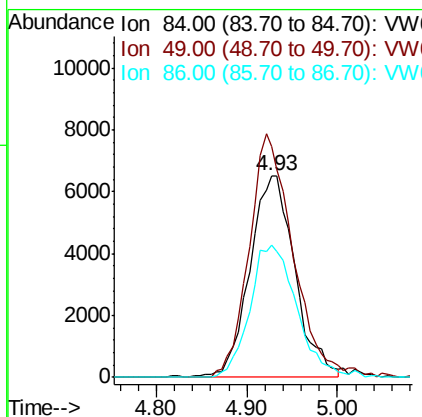
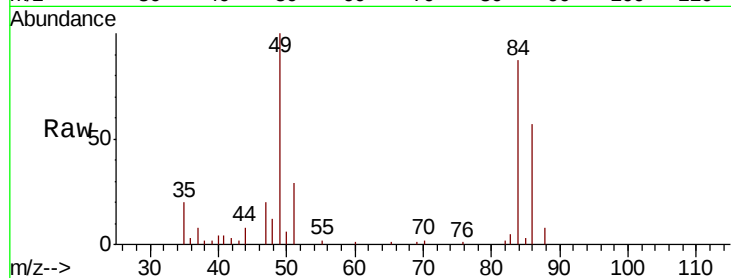




#16
Methvlene chloride
Concen: 1.905 ug/L
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW016499.D
Acq: 09 Sep 2020 16:09

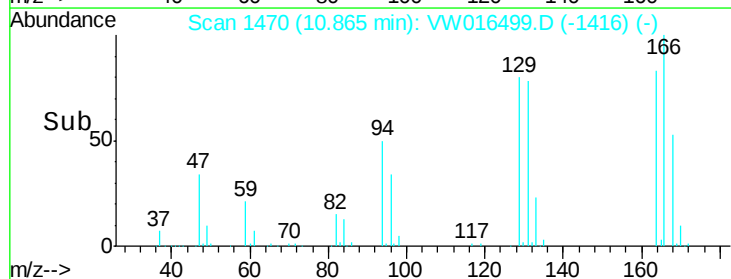
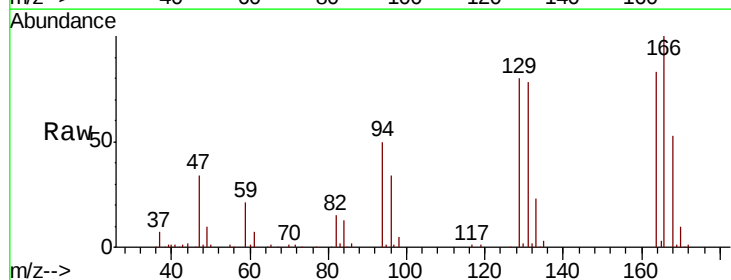
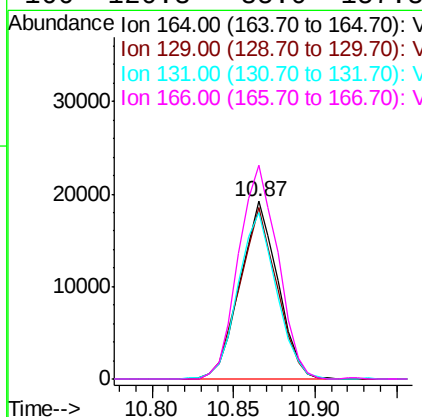
Instrument :
MSVOA_W
ClientSampleId :
BFWW1

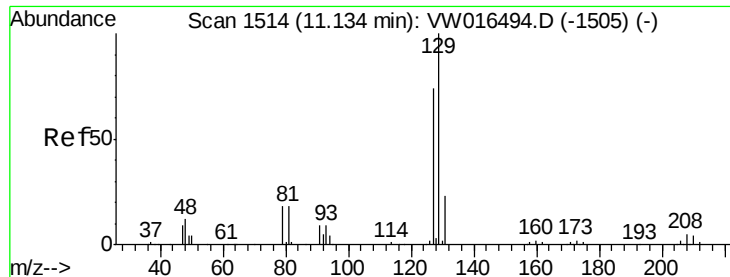
Tot Ion: 84 Resp: 22397
Ion Ratio Lower Upper
84 100
49 114.3 86.7 160.9
86 65.4 44.9 83.5



#47
Tetrachloroethene
Concen: 3.907 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW016499.D
Acq: 09 Sep 2020 16:09

Tgt Ion: 164 Resp: 30943
Ion Ratio Lower Upper
164 100
129 96.7 65.7 121.9
131 94.1 61.1 113.5
166 120.3 85.0 157.8





#50

Dibromochloromethane

Concen: 3.355 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.27 min

Lab File: VW016499.D

Acq: 09 Sep 2020 16:09

Instrument :

MSVOA_W

ClientSampled :

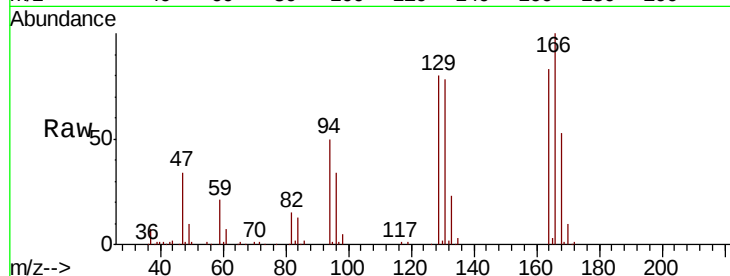
BFWW1

Tot Ion:129 Resp: 29639

Ion Ratio Lower Upper

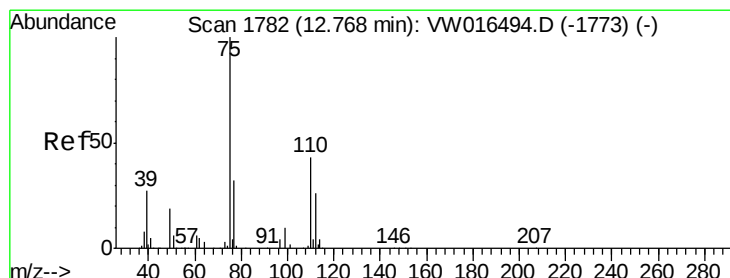
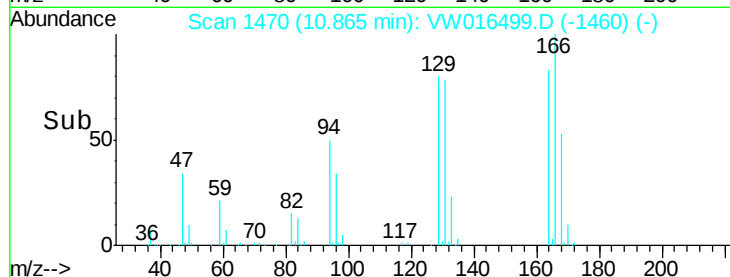
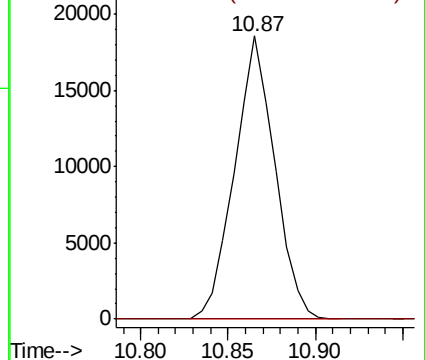
129 100

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



#59

1,2,3-Trichloropropane

Concen: 5.665 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016499.D

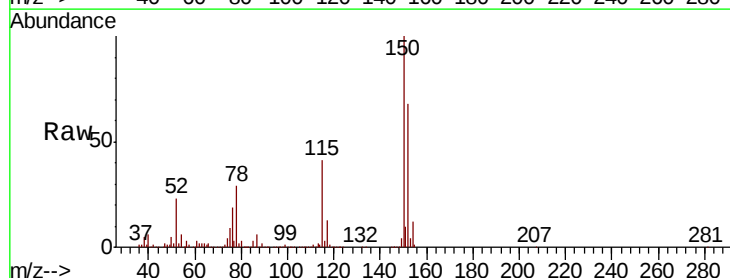
Acq: 09 Sep 2020 16:09

Tgt Ion: 75 Resp: 35258

Ion Ratio Lower Upper

75 100

77 38.3 26.0 39.0



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

