

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090620\
 Data File : VW016478.D
 Acq On : 06 Sep 2020 12:39
 Operator : SY/VA
 Sample : L3927-09
 Misc : 6.88G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 07 04:52:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM090320S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Sep 07 04:50:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	681127	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	572184	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	250023	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	203427	28.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.60%
7) Chloroethane-d5	2.90	69	171561	26.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.76%
10) 1,1-Dichloroethene-d2	4.03	63	301354	18.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.56%
20) 2-Butanone-d5	7.08	46	86420	33.49	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.98%
24) Chloroform-d	7.65	84	383632	24.04	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.16%
26) 1,2-Dichloroethane-d4	8.31	65	198366	22.74	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.96%
29) Benzene-d6	8.28	84	779595	26.80	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.20%
33) 1,2-Dichloropropane-d6	9.28	67	216575	25.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.36%
37) Toluene-d8	10.33	98	733073	26.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.04%
38) trans-1,3-Dichloropropene-	10.58	79	101135	23.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.84%
39) 2-Hexanone-d5	10.93	63	71589	40.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.98%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	155954	21.58	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.32%
61) 1,2-Dichlorobenzene-d4	13.86	152	218967	25.34	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.36%

Target Compounds

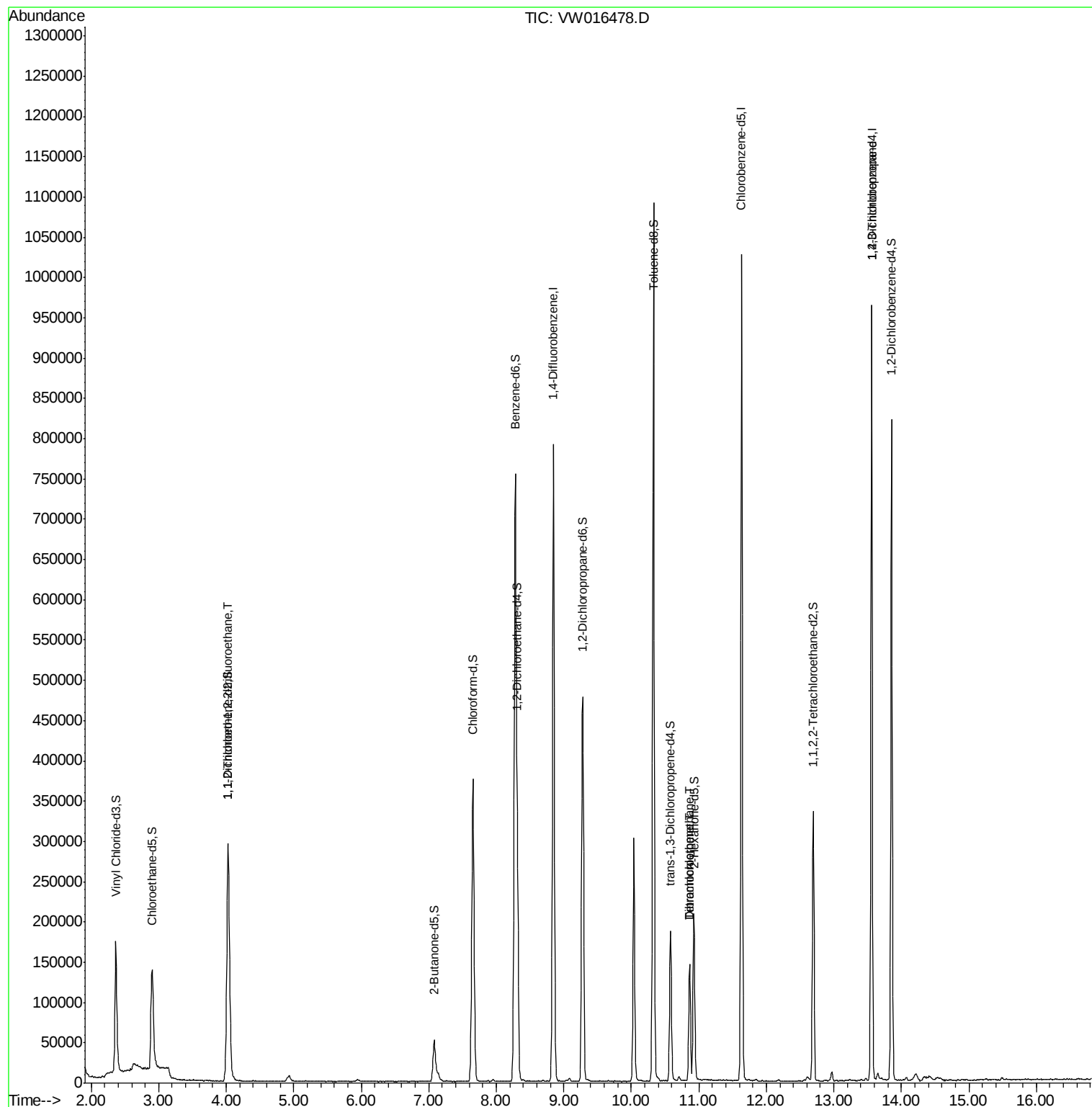
					Ovalue
11) 1,1,2-Trichloro-1,2,2-trif	4.03	101	3021	0.366 ug/L #	20
47) Tetrachloroethene	10.87	164	31973	4.600 ug/L	89
50) Dibromochloromethane	10.87	129	29903	3.858 ug/L #	10
59) 1,2,3-Trichloropropane	13.56	75	30317	5.550 ug/L #	86

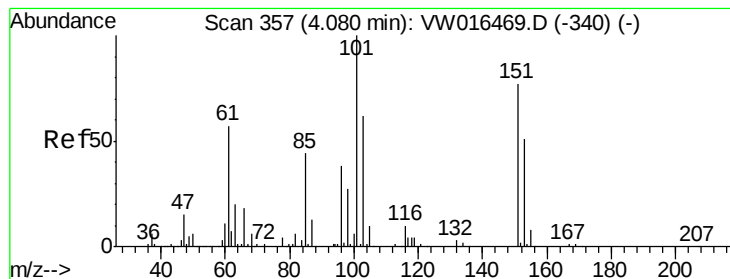
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.366 ug/L

RT: 4.03 min Scan# 348

Delta R.T. -0.06 min

Lab File: VW016478.D

Acq: 06 Sep 2020 12:39

Instrument :

MSVOA_W

ClientSampled :

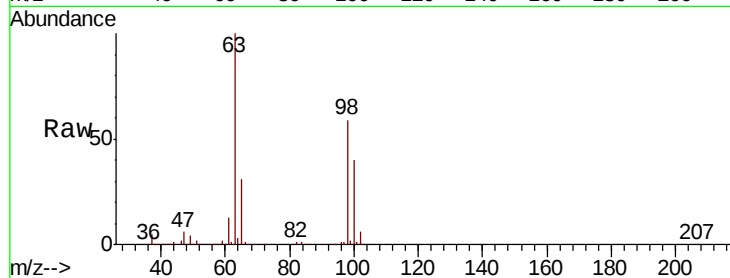
Tot Ion:101 Resp: 3021

Ion Ratio Lower Upper

101 100

85 1.7 33.4 50.0#

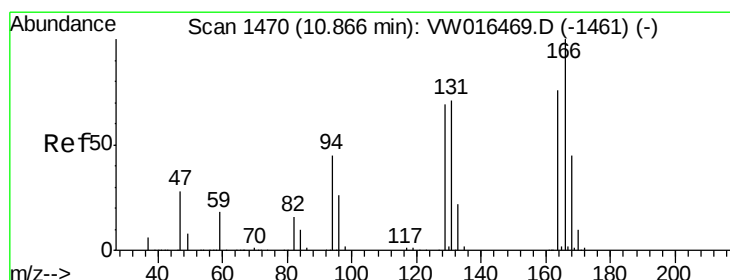
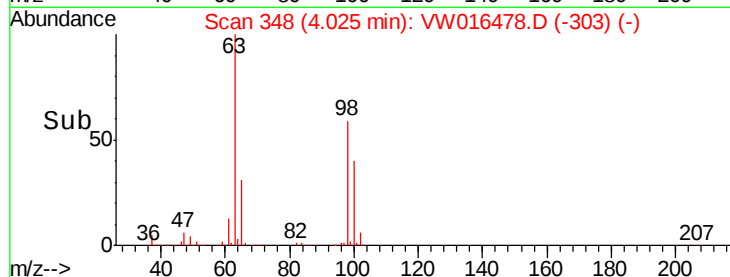
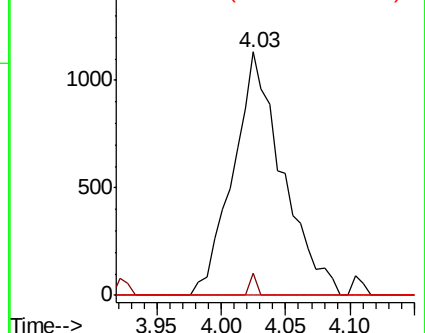
151 0.0 61.6 92.4#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): V

Ion 151.00 (150.70 to 151.70): V



#47

Tetrachloroethene

Concen: 4.600 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VW016478.D

Acq: 06 Sep 2020 12:39

Tgt Ion:164 Resp: 31973

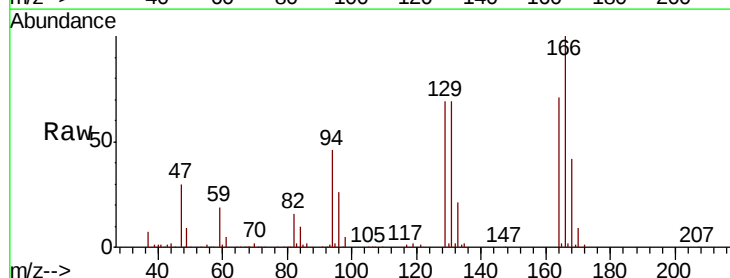
Ion Ratio Lower Upper

164 100

129 96.8 65.7 121.9

131 96.5 61.1 113.5

166 140.3 85.0 157.8

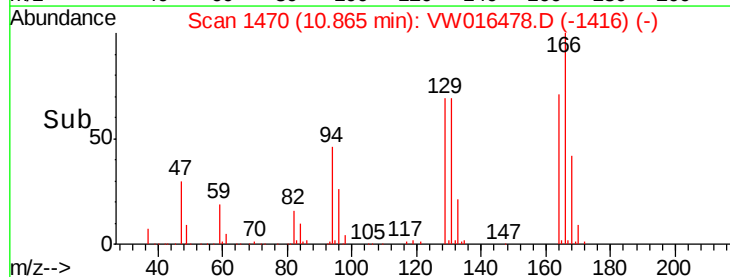
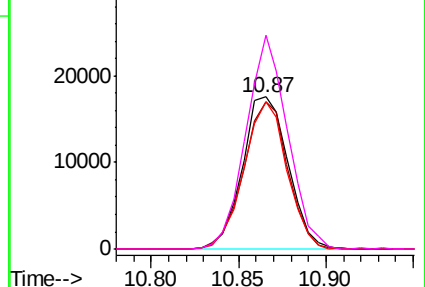


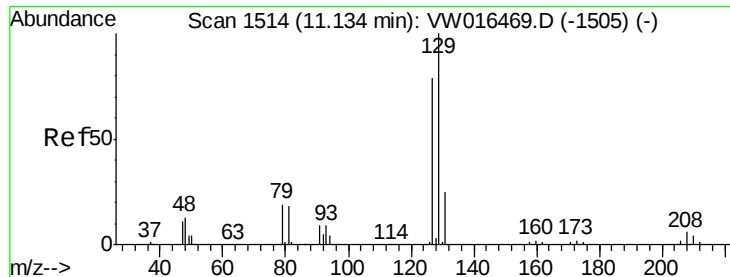
Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

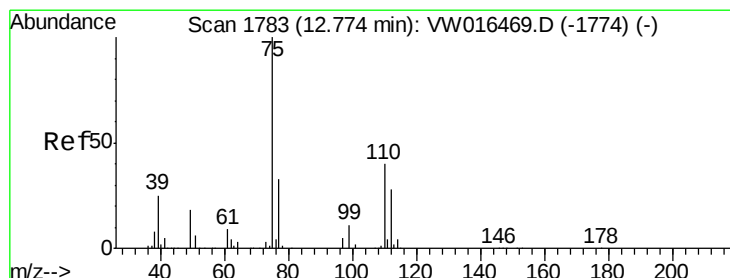
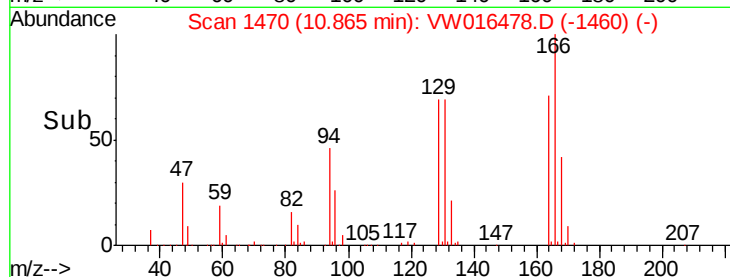
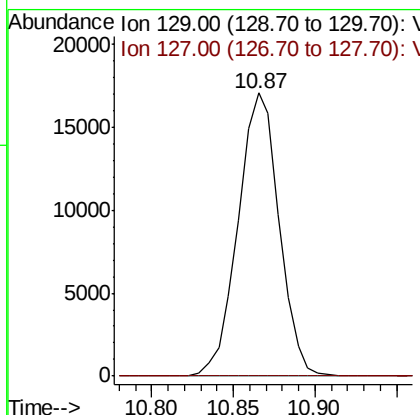
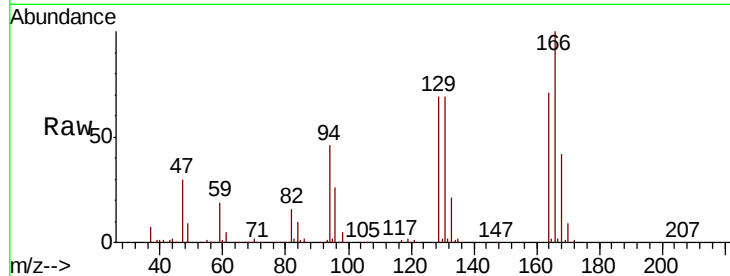




#50
 Dibromochloromethane
 Concen: 3.858 ug/L
 RT: 10.87 min Scan# 1470
 Delta R.T. -0.27 min
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Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:129 Resp: 29903
 Ion Ratio Lower Upper
 129 100
 127 0.0 55.4 103.0#



#59
 1,2,3-Trichloropropane
 Concen: 5.550 ug/L
 RT: 13.56 min Scan# 1912
 Delta R.T. 0.79 min
 Lab File: VW016478.D
 Acq: 06 Sep 2020 12:39

Tgt Ion: 75 Resp: 30317
 Ion Ratio Lower Upper
 75 100
 77 40.5 26.0 39.0#

