

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080720\
 Data File : VW016064.D
 Acq On : 07 Aug 2020 09:50
 Operator : SY/VA
 Sample : L3564-02
 Misc : 5.74G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 08 03:20:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 08 03:18:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	340673	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	308350	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	138235	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	74075	15.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.64%
7) Chloroethane-d5	2.90	69	66078	16.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.68%
10) 1,1-Dichloroethene-d2	4.01	63	125961	12.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.84%
20) 2-Butanone-d5	7.09	46	39726	31.46	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	62.92%
24) Chloroform-d	7.65	84	186044	19.44	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	77.76%
26) 1,2-Dichloroethane-d4	8.31	65	93083	17.72	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	70.88%
29) Benzene-d6	8.28	84	374158	19.93	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.72%
33) 1,2-Dichloropropane-d6	9.27	67	110060	19.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	78.24%
37) Toluene-d8	10.33	98	339217	19.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.80%
38) trans-1,3-Dichloropropene-	10.58	79	43748	18.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.96%
39) 2-Hexanone-d5	10.93	63	32380	34.56	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.12%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	82672	19.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	76.44%
61) 1,2-Dichlorobenzene-d4	13.85	152	115970	21.51	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.04%

Target Compounds

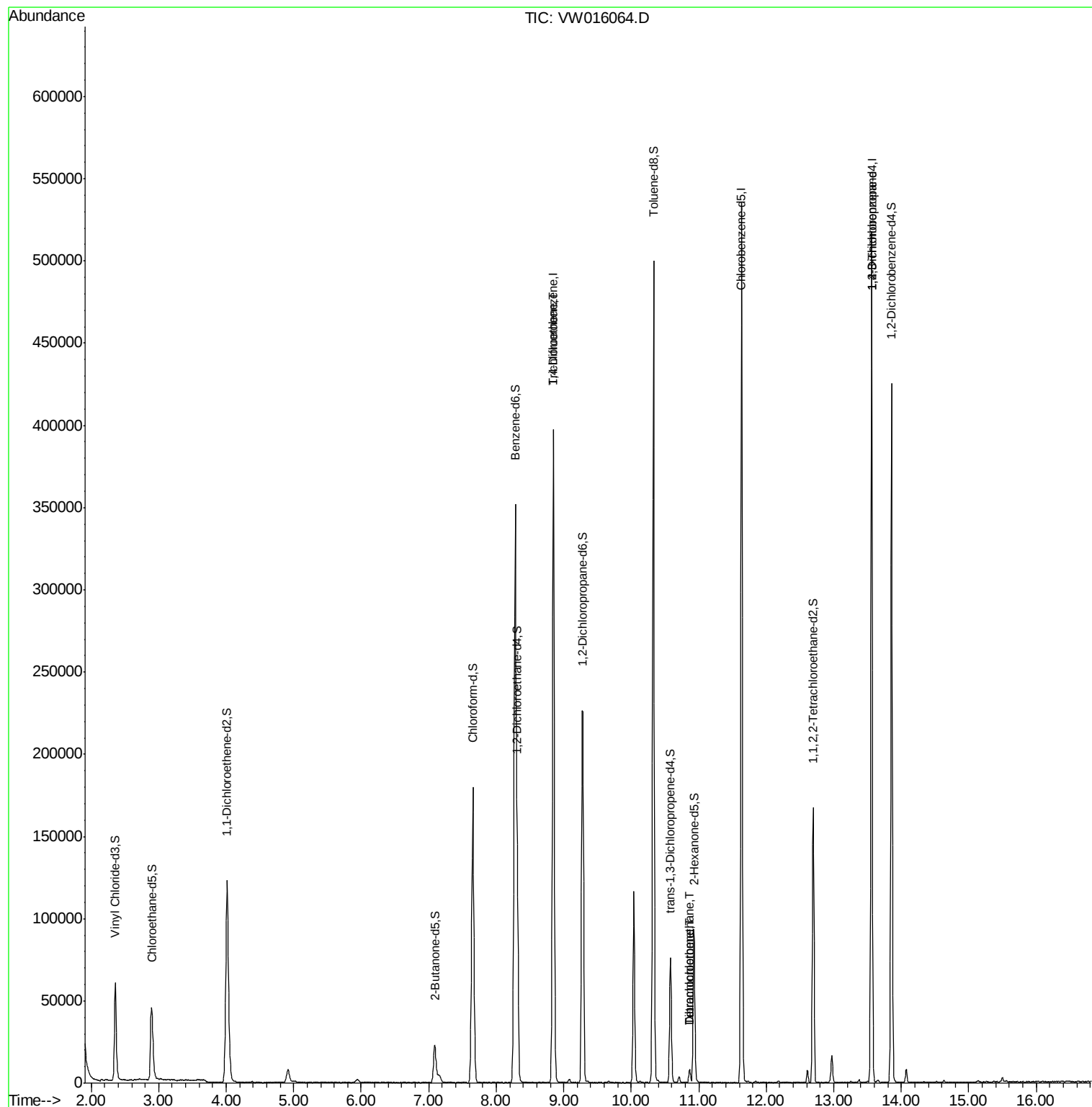
				Ovalue	
35) Trichloroethene	8.85	95	9780	1.974 ug/L #	6
47) Tetrachloroethene	10.87	164	1912	0.497 ug/L	86
50) Dibromochloromethane	10.86	129	1888	0.489 ug/L #	11
59) 1,2,3-Trichloropropane	13.56	75	14803	5.043 ug/L	90

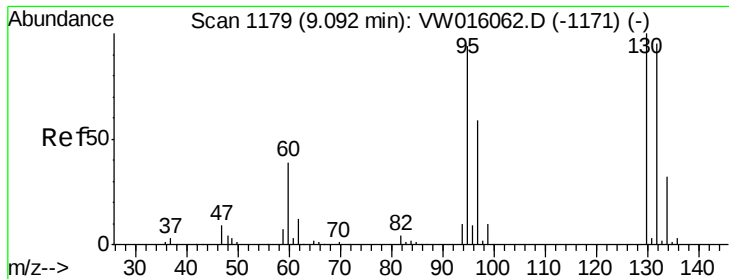
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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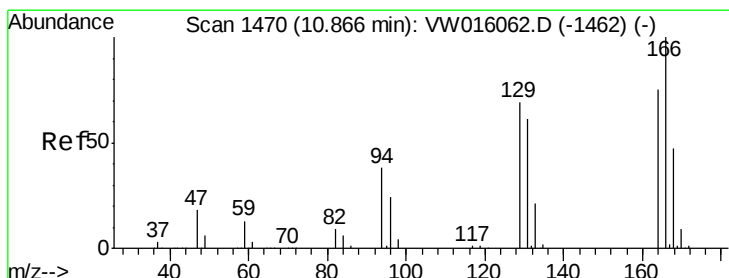
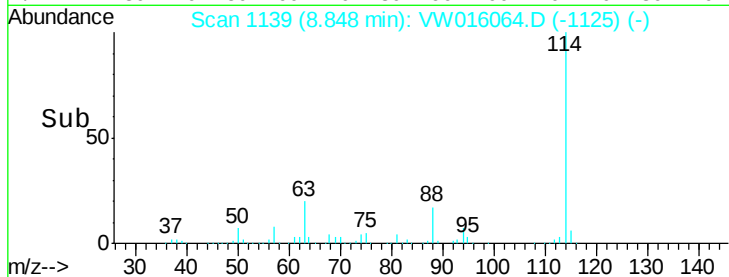
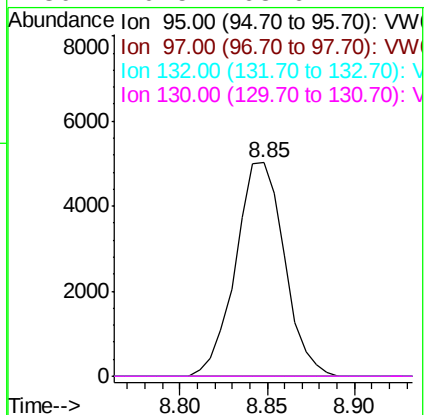
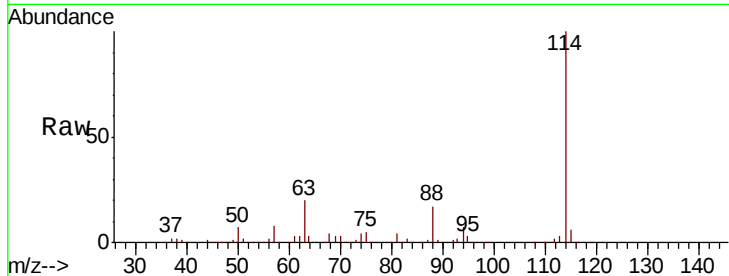




#35
 Trichloroethene
 Concen: 1.974 ug/L
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.24 min
 Lab File: VW016064.D
 Acq: 07 Aug 2020 09:50

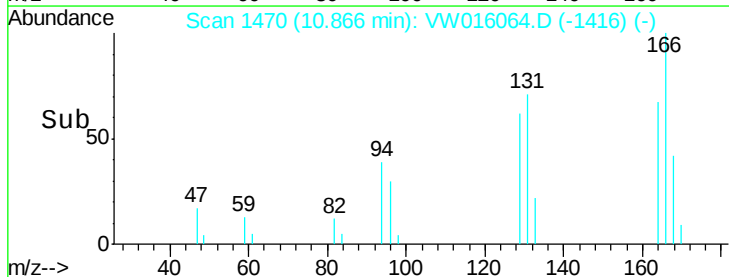
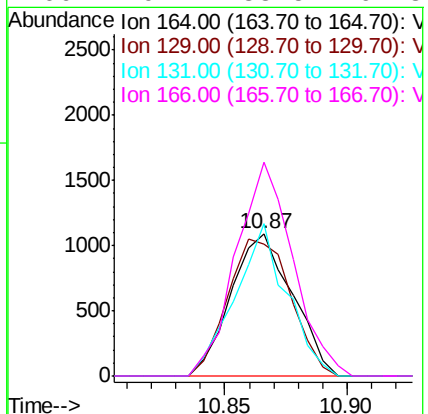
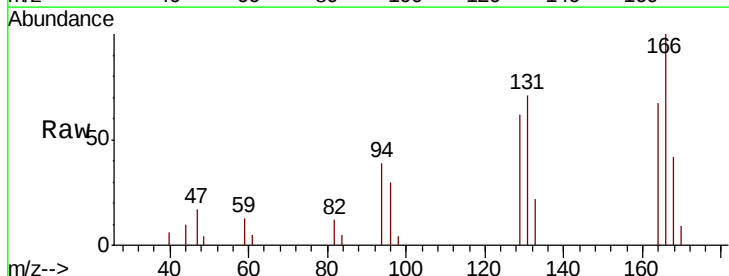
Instrument :
 MSVOA_W
 ClientSampleId :

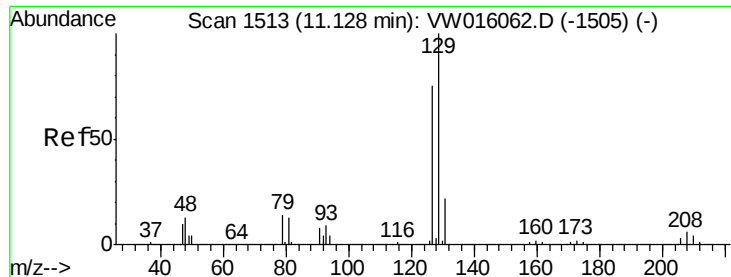
Tot Ion: 95 Resp: 9780
 Ion Ratio Lower Upper
 95 100
 97 0.0 44.4 82.4#
 132 0.4 65.1 120.9#
 130 0.5 68.6 127.4#



#47
 Tetrachloroethene
 Concen: 0.497 ug/L
 RT: 10.87 min Scan# 1470
 Delta R.T. 0.00 min
 Lab File: VW016064.D
 Acq: 07 Aug 2020 09:50

Tgt Ion: 164 Resp: 1912
 Ion Ratio Lower Upper
 164 100
 129 92.6 70.0 130.0
 131 106.8 67.3 124.9
 166 149.7 88.5 164.3





#50

Dibromochloromethane

Concen: 0.489 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.27 min

Lab File: VW016064.D

Acq: 07 Aug 2020 09:50

Instrument :

MSVOA_W

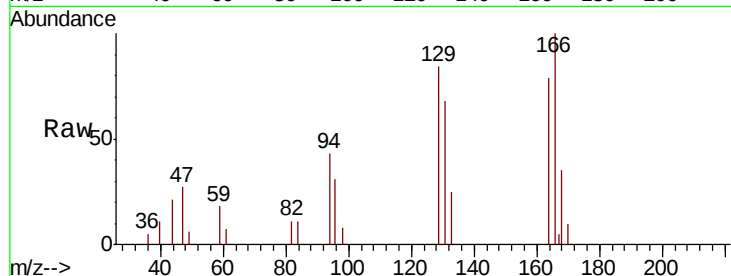
ClientSampled :

Tot Ion:129 Resp: 1888

Ion Ratio Lower Upper

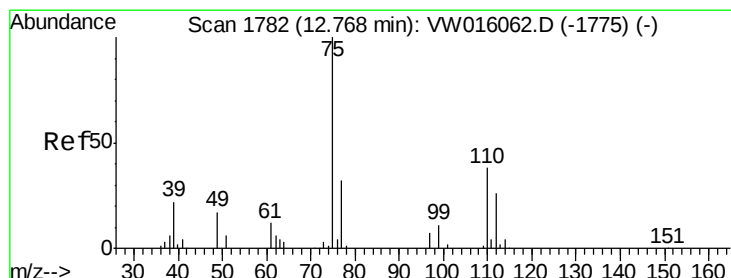
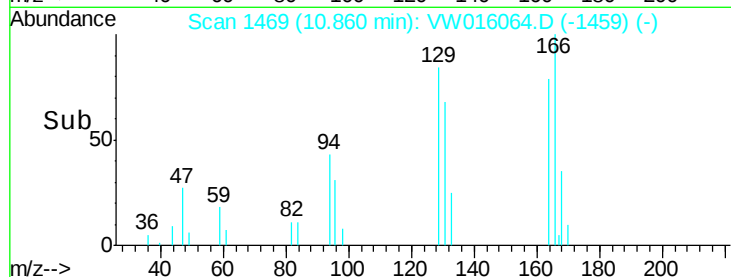
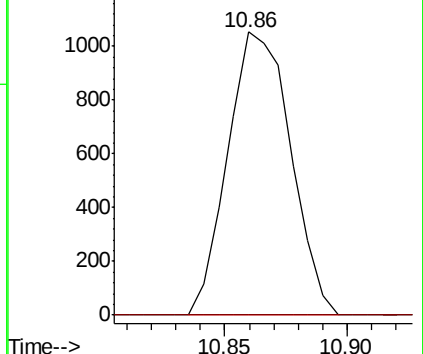
129 100

127 0.0 53.8 100.0#



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: 5.043 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016064.D

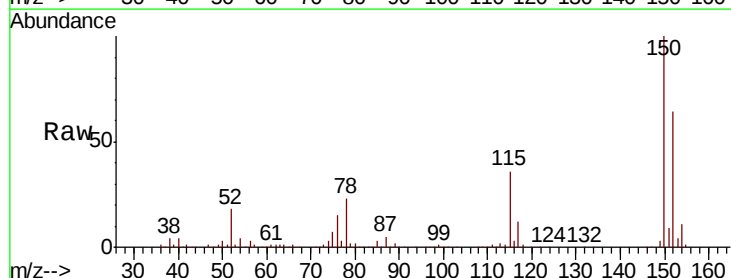
Acq: 07 Aug 2020 09:50

Tgt Ion: 75 Resp: 14803

Ion Ratio Lower Upper

75 100

77 37.8 26.0 39.0



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

