

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080520\
 Data File : VW016039.D
 Acq On : 05 Aug 2020 13:19
 Operator : SY/VA
 Sample : L3564-02
 Misc : 5.63G/10ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFSN3

Quant Time: Aug 06 02:53:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 05 03:09:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	331275	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	300718	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	131732	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	70862	15.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.64%
7) Chloroethane-d5	2.90	69	60986	16.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.24%
10) 1,1-Dichloroethene-d2	4.01	63	123046	13.02	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.08%
20) 2-Butanone-d5	7.08	46	42785	34.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.68%
24) Chloroform-d	7.65	84	176255	18.94	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	75.76%
26) 1,2-Dichloroethane-d4	8.31	65	92971	18.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	72.80%
29) Benzene-d6	8.27	84	338016	18.47	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	73.88%
33) 1,2-Dichloropropane-d6	9.27	67	103428	18.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	75.40%
37) Toluene-d8	10.33	98	301464	18.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	72.72%
38) trans-1,3-Dichloropropene-	10.58	79	43099	18.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.72%
39) 2-Hexanone-d5	10.93	63	34784	38.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.14%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	80969	19.20	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	76.80%
61) 1,2-Dichlorobenzene-d4	13.85	152	106381	20.71	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.84%

Target Compounds

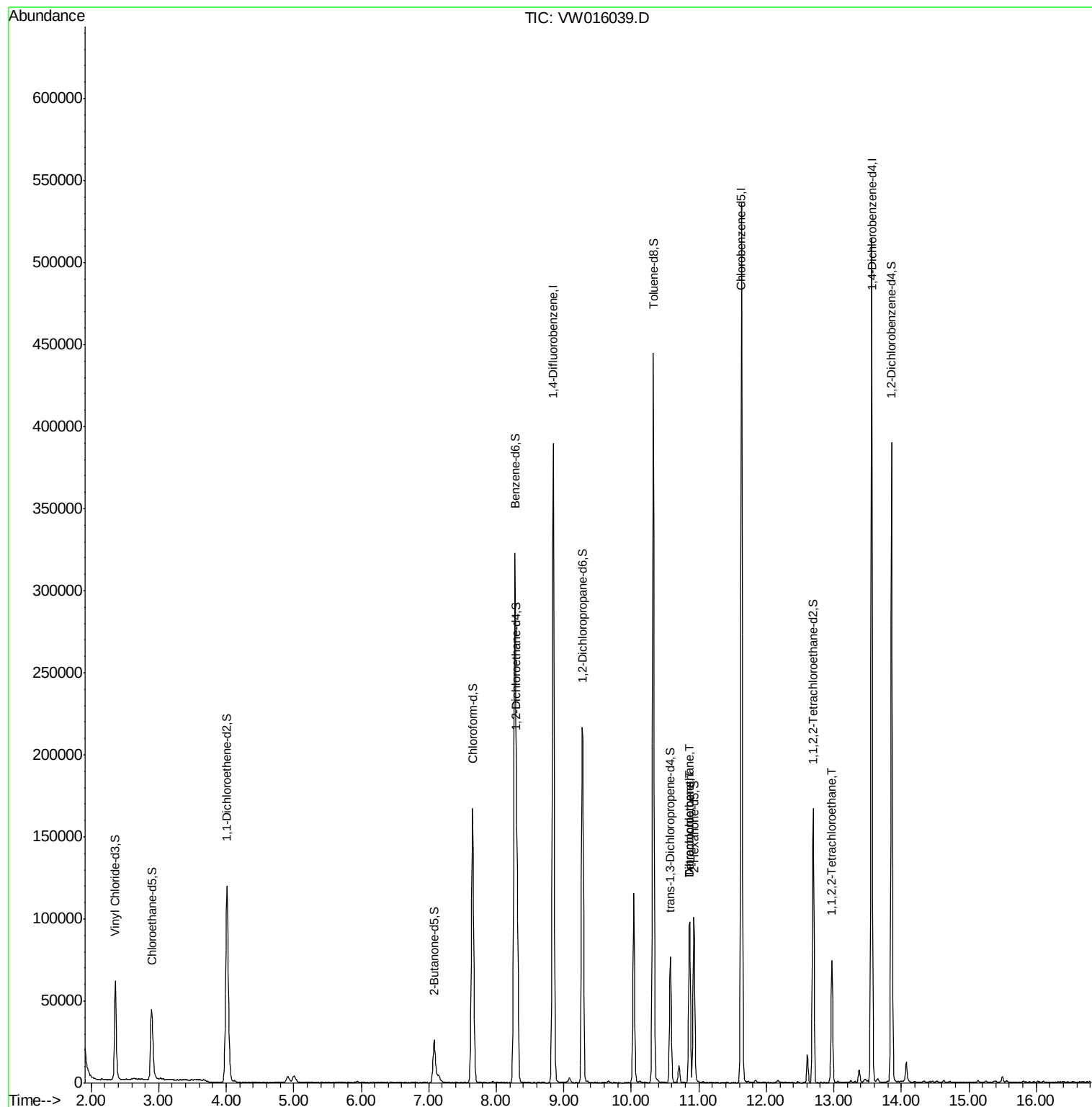
					Ovalue
47) Tetrachloroethene	10.87	164	23177	6.180 ug/L	95
50) Dibromochloromethane	10.86	129	21761	5.777 ug/L #	11
58) 1,1,2,2-Tetrachloroethane	12.97	83	2195	0.575 ug/L #	38

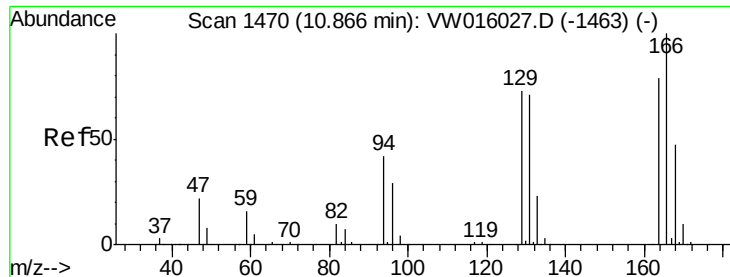
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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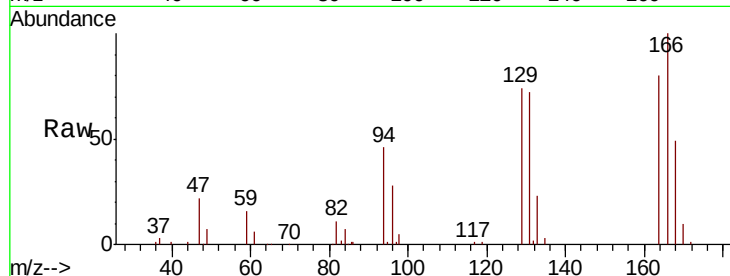




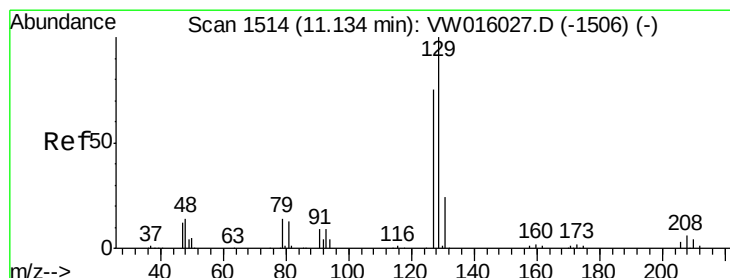
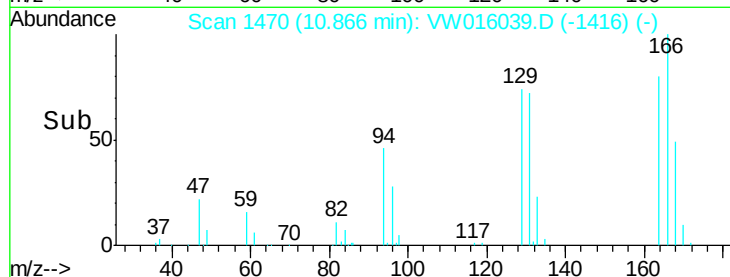
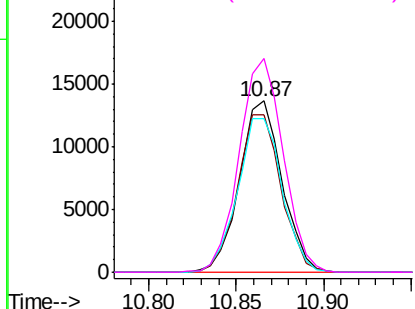
#47
Tetrachloroethene
Concen: 6.180 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW016039.D
Acq: 05 Aug 2020 13:19

Instrument :
MSVOA_W
ClientSampled :
BFSN3

Tot Ion:164 Resp: 23177
Ion Ratio Lower Upper
164 100
129 92.0 70.0 130.0
131 89.6 67.3 124.9
166 124.9 88.5 164.3

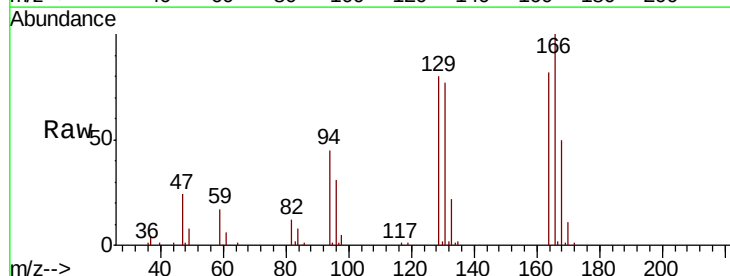


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V

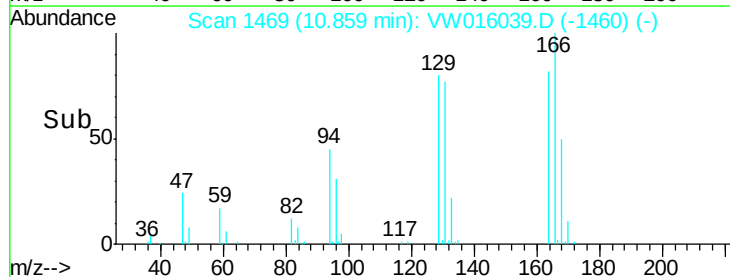
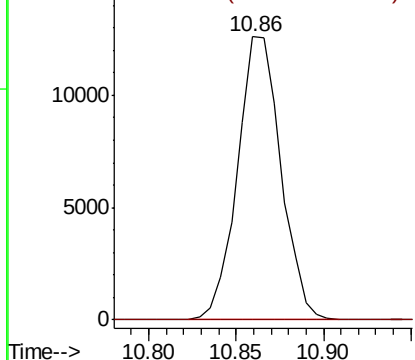


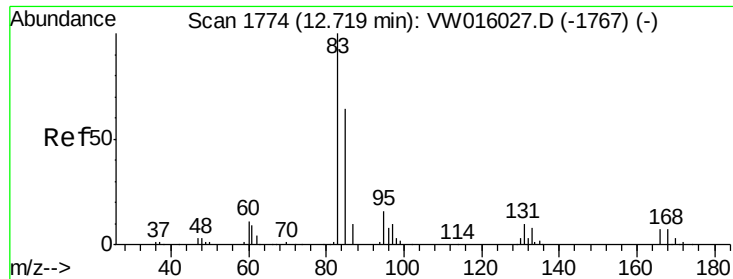
#50
Dibromochloromethane
Concen: 5.777 ug/L
RT: 10.86 min Scan# 1469
Delta R.T. -0.27 min
Lab File: VW016039.D
Acq: 05 Aug 2020 13:19

Tgt Ion:129 Resp: 21761
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





#58

1,1,2,2-Tetrachloroethane

Concen: 0.575 ug/L

RT: 12.97 min Scan# 1815

Delta R.T. 0.25 min

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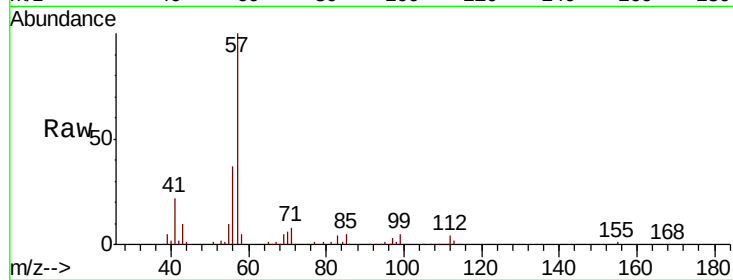
Tot Ion: 83 Resp: 2195

Ion Ratio Lower Upper

83 100

85 117.2 45.1 83.7#

131 0.0 8.2 12.4#



Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

Ion 131.00 (130.70 to 131.70): V

