

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092820\
 Data File : VW016671.D
 Acq On : 28 Sep 2020 16:26
 Operator : SY/VA
 Sample : L4149-09
 Misc : 5.80G/10ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3N0

Quant Time: Sep 29 06:51:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 29 05:26:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	706476	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	614317	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	283136	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	143444	20.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.92%
7) Chloroethane-d5	2.90	69	128682	23.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.20%
10) 1,1-Dichloroethene-d2	4.03	63	239583	15.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.68%
20) 2-Butanone-d5	7.09	46	77746	41.70	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.40%
24) Chloroform-d	7.65	84	364327	24.65	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.60%
26) 1,2-Dichloroethane-d4	8.31	65	188616	24.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.44%
29) Benzene-d6	8.28	84	707306	25.67	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.68%
33) 1,2-Dichloropropane-d6	9.28	67	196094	26.26	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.04%
37) Toluene-d8	10.33	98	666460	24.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.36%
38) trans-1,3-Dichloropropene-	10.58	79	86713	23.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.16%
39) 2-Hexanone-d5	10.93	63	66413	48.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.82%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	153544	24.17	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.68%
61) 1,2-Dichlorobenzene-d4	13.85	152	239946	26.52	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.08%

Target Compounds

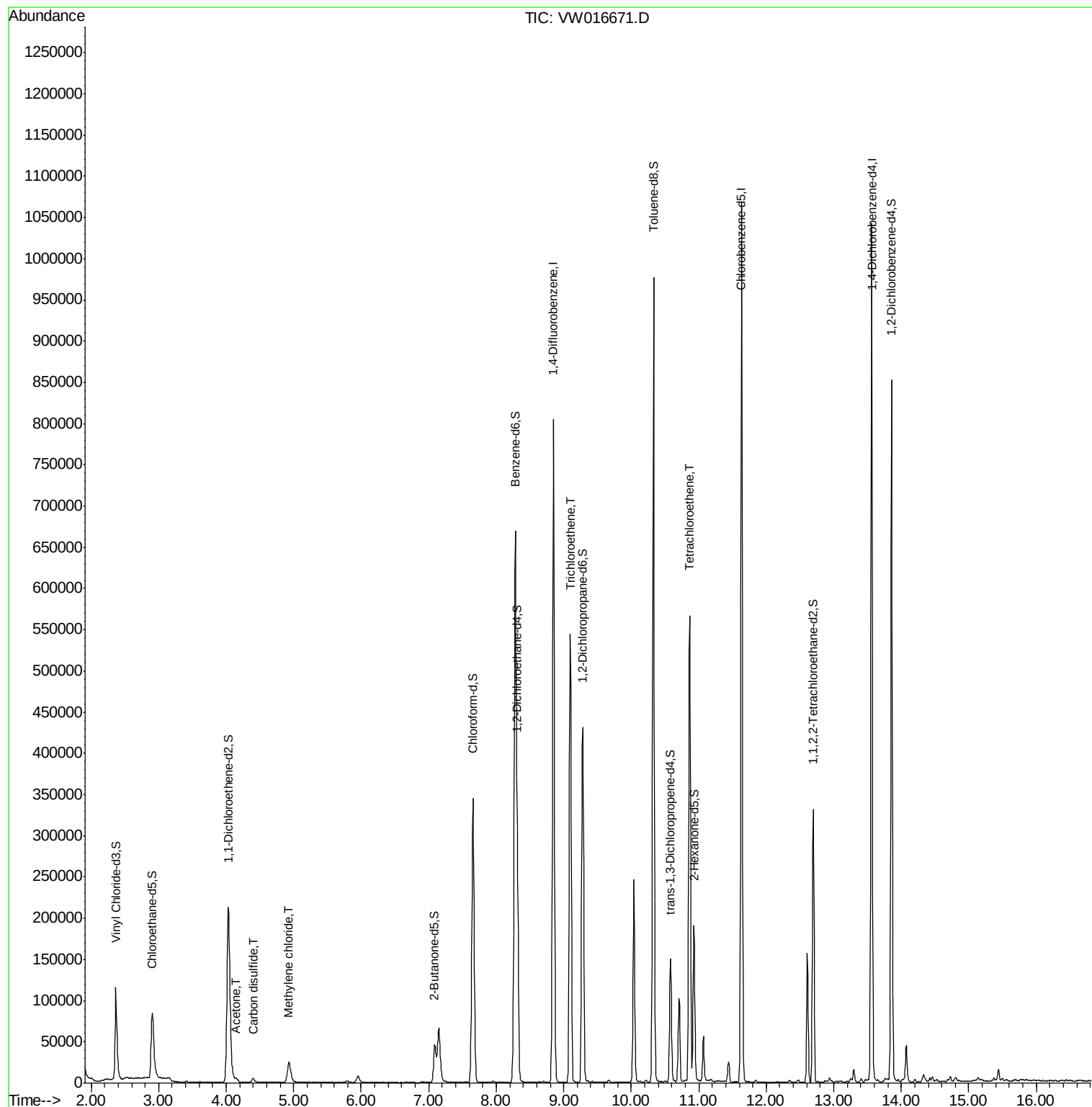
					Ovalue
13) Acetone	4.15	43	7791	5.335	ug/L 83
14) Carbon disulfide	4.40	76	11630	0.431	ug/L 99
16) Methylene chloride	4.93	84	23005	2.111	ug/L 95
35) Trichloroethene	9.10	95	185833	19.507	ug/L 100
47) Tetrachloroethene	10.87	164	135033	15.698	ug/L 90

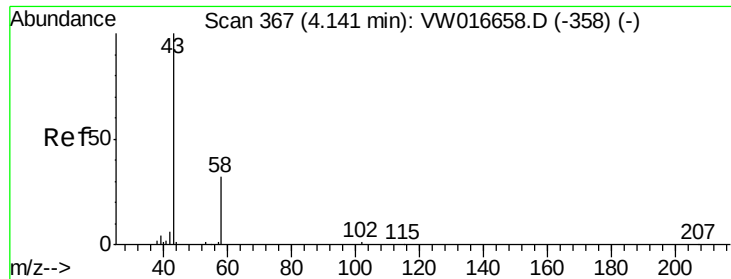
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.335 ug/L

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

Lab File: VW016671.D

Acq: 28 Sep 2020 16:26

Instrument :

MSVOA_W

ClientSampled :

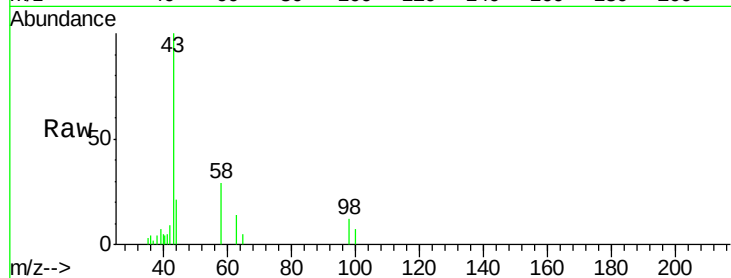
BG3N0

Tot Ion: 43 Resp: 7791

Ion Ratio Lower Upper

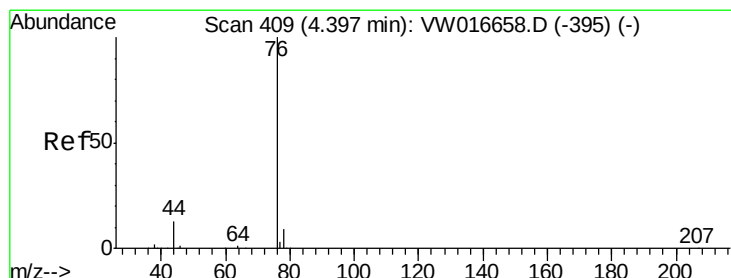
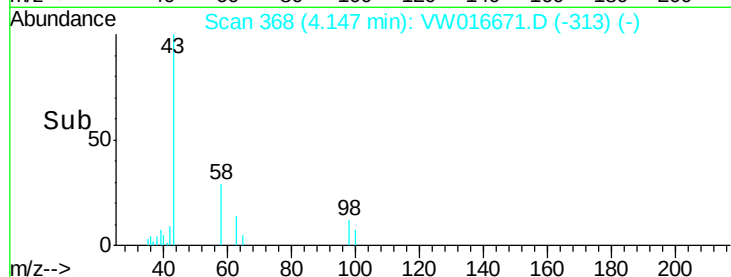
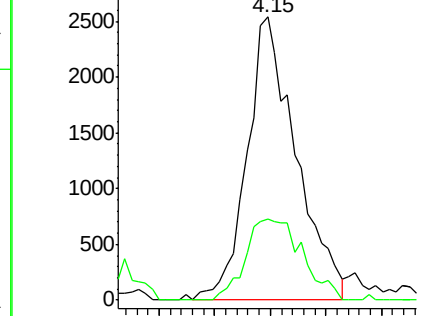
43 100

58 21.1 0.0 60.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 0.431 ug/L

RT: 4.40 min Scan# 409

Delta R.T. 0.00 min

Lab File: VW016671.D

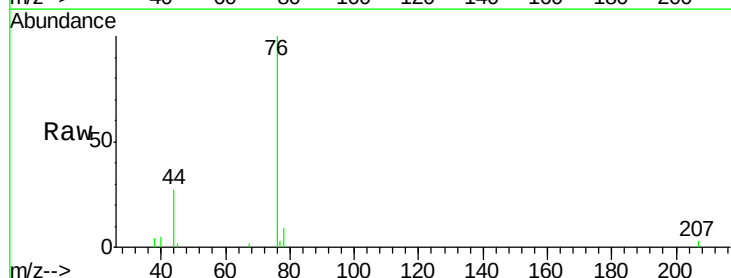
Acq: 28 Sep 2020 16:26

Tgt Ion: 76 Resp: 11630

Ion Ratio Lower Upper

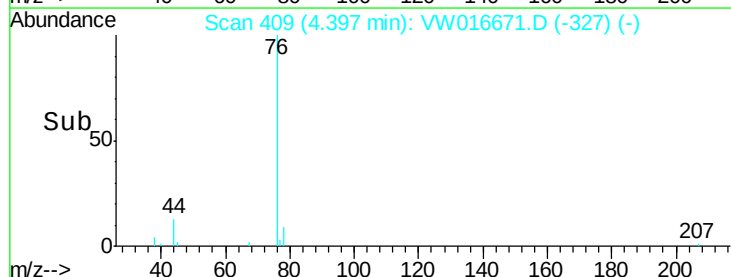
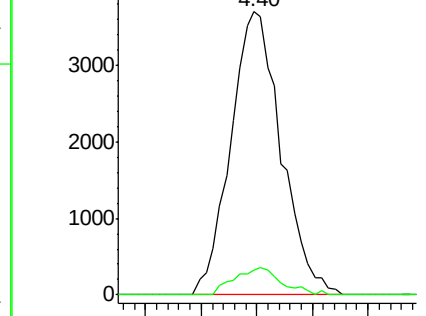
76 100

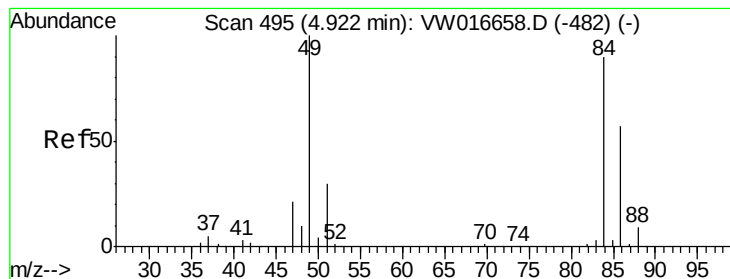
78 8.9 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW





#16

Methvlene chloride

Concen: 2.111 ug/L

RT: 4.93 min Scan# 497

Delta R.T. 0.01 min

Lab File: VW016671.D

Acq: 28 Sep 2020 16:26

Instrument :

MSVOA_W

ClientSampleId :

BG3N0

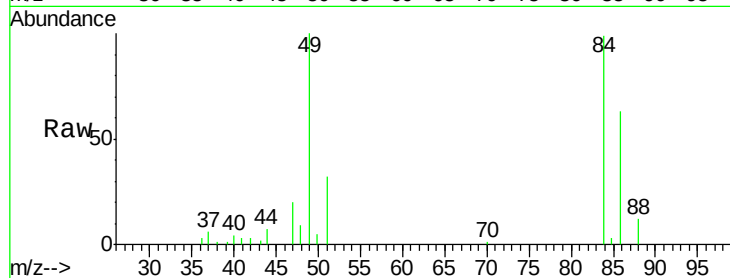
Tot Ion: 84 Resp: 23005

Ion Ratio Lower Upper

84 100

49 101.1 76.0 141.2

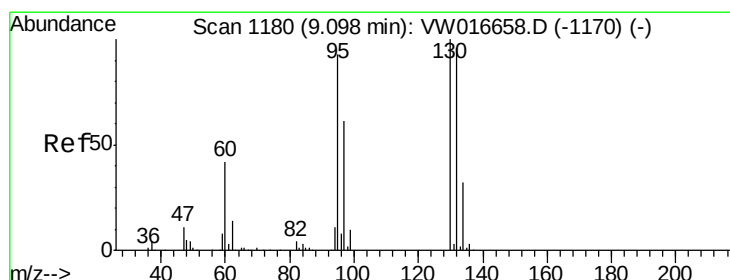
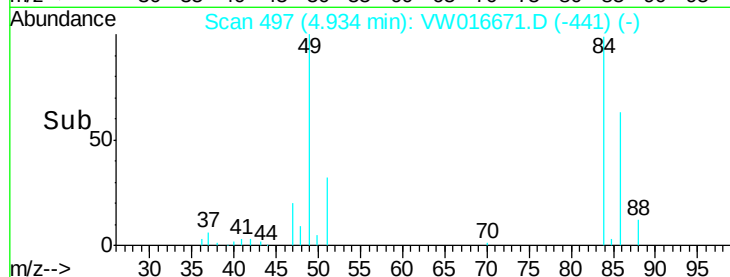
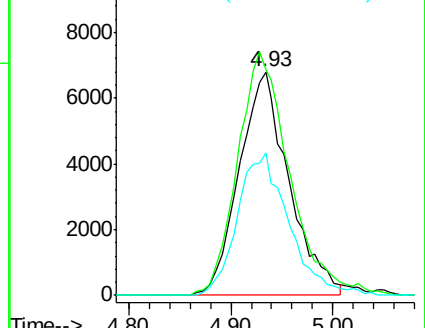
86 63.8 45.6 84.6



Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW



#35

Trichloroethene

Concen: 19.507 ug/L

RT: 9.10 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VW016671.D

Acq: 28 Sep 2020 16:26

Tgt Ion: 95 Resp: 185833

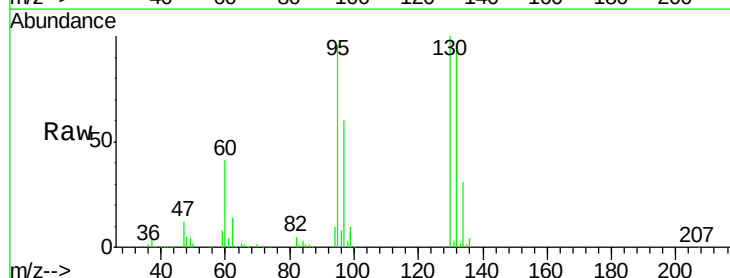
Ion Ratio Lower Upper

95 100

97 64.6 45.2 84.0

132 105.3 73.3 136.1

130 110.3 77.5 143.9

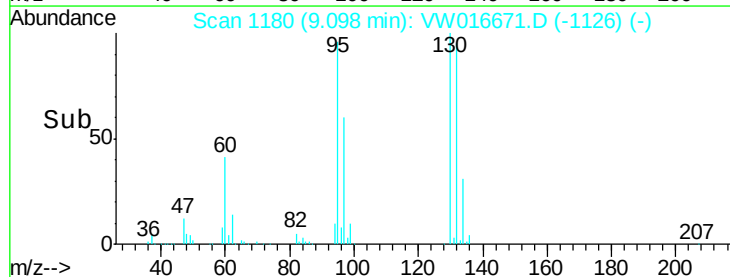
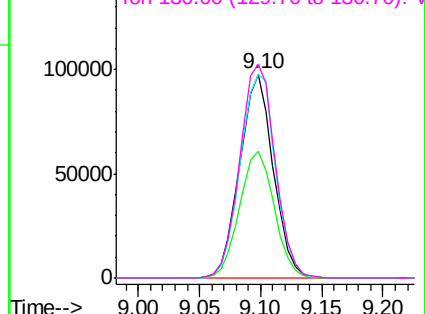


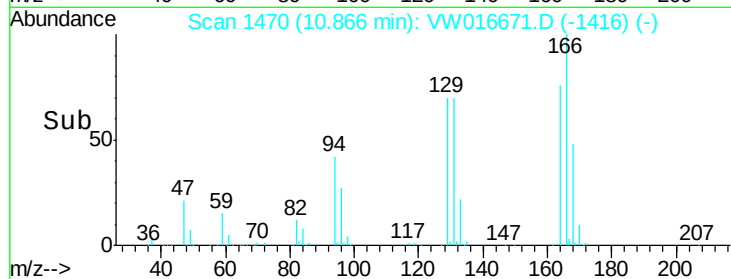
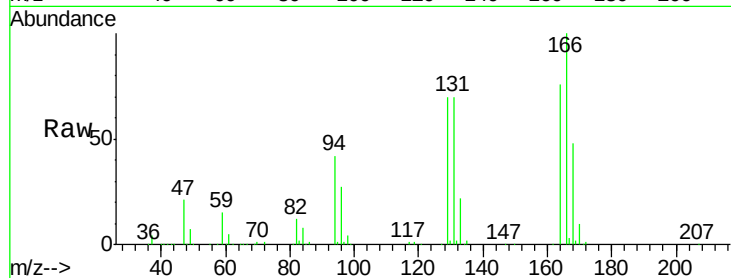
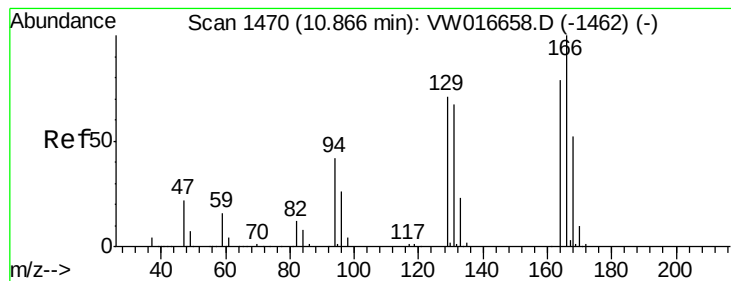
Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V





#47

Tetrachloroethene

Concen: 15.698 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VW016671.D

Acq: 28 Sep 2020 16:26

Instrument :

MSVOA_W

ClientSampleId :

BG3N0

Tot Ion:164 Resp: 135033

Ion Ratio Lower Upper

164 100

129 92.3 55.6 103.2

131 91.7 57.2 106.2

166 131.5 86.5 160.6

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

