

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092820\
 Data File : VW016673.D
 Acq On : 28 Sep 2020 17:14
 Operator : SY/VA
 Sample : L4149-11
 Misc : 5.81G/10ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3N2

Quant Time: Sep 29 07:02:40 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	714876	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	638838	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	309629	25.00	ug/L	0.00

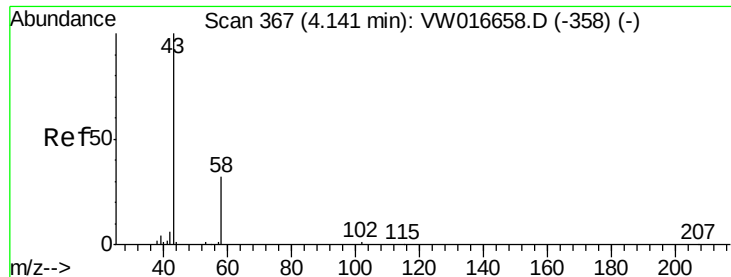
System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	144996	20.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.80%
7) Chloroethane-d5	2.90	69	133298	23.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.36%
10) 1,1-Dichloroethene-d2	4.03	63	243601	15.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.00%
20) 2-Butanone-d5	7.09	46	84415	44.75	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.50%
24) Chloroform-d	7.66	84	372835	24.93	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.72%
26) 1,2-Dichloroethane-d4	8.31	65	193337	25.18	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.72%
29) Benzene-d6	8.28	84	717979	25.06	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.24%
33) 1,2-Dichloropropane-d6	9.28	67	203762	26.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.96%
37) Toluene-d8	10.33	98	687959	24.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.64%
38) trans-1,3-Dichloropropene-	10.58	79	87286	22.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.20%
39) 2-Hexanone-d5	10.93	63	69652	49.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.64%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	163634	24.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.08%
61) 1,2-Dichlorobenzene-d4	13.85	152	265631	26.85	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.40%

Target Compounds

					Ovalue
13) Acetone	4.14	43	7458	5.047 ug/L	95
16) Methylene chloride	4.93	84	24211	2.196 ug/L	95
35) Trichloroethene	9.10	95	5055	0.510 ug/L	95
47) Tetrachloroethene	10.87	164	86072	9.622 ug/L	95

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



#13

Acetone

Concen: 5.047 ug/L

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

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ClientSampled :

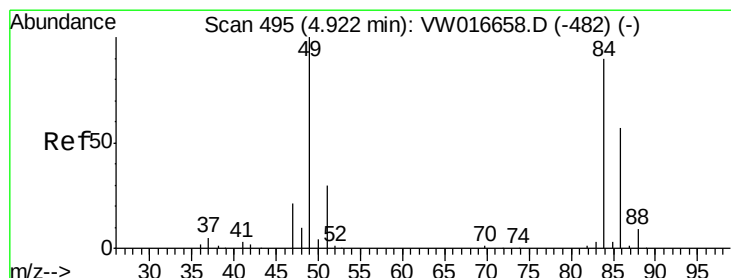
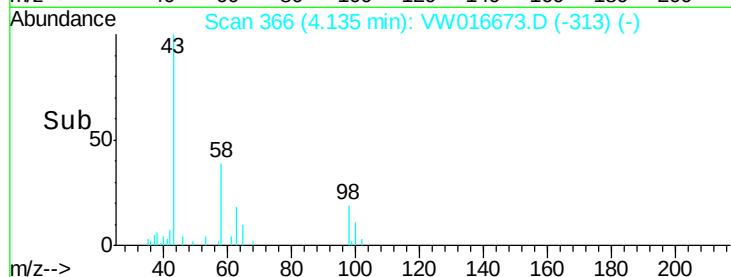
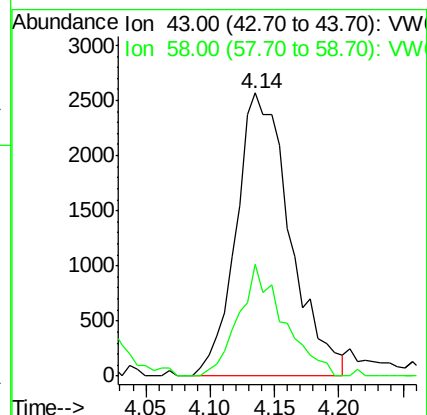
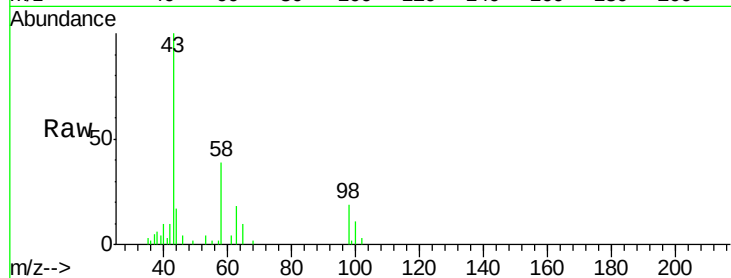
BG3N2

Tot Ion: 43 Resp: 7458

Ion Ratio Lower Upper

43 100

58 32.9 0.0 60.2



#16

Methylene chloride

Concen: 2.196 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW016673.D

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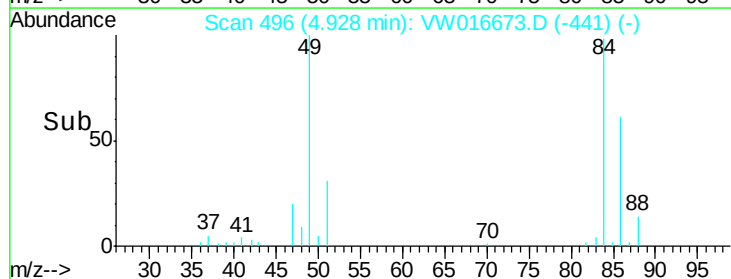
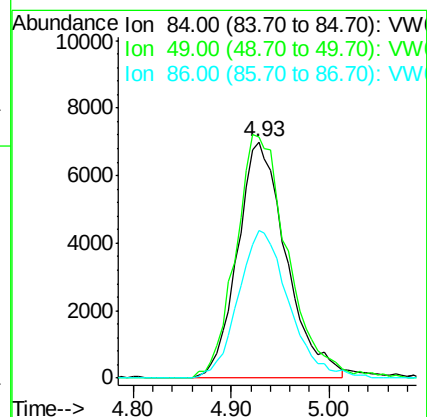
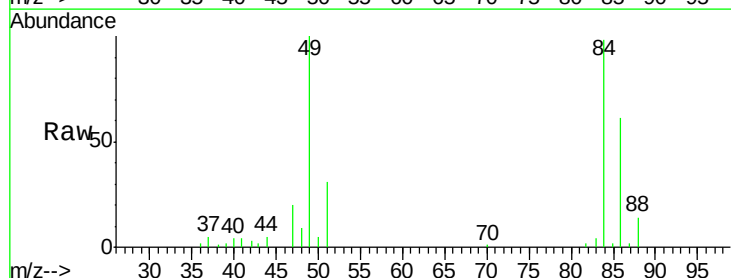
Tgt Ion: 84 Resp: 24211

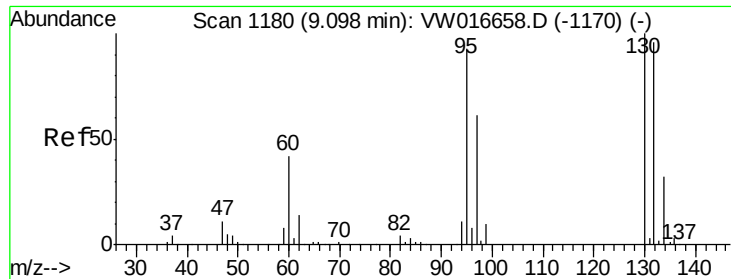
Ion Ratio Lower Upper

84 100

49 102.4 76.0 141.2

86 62.5 45.6 84.6





#35

Trichloroethene

Concen: 0.510 ug/L

RT: 9.10 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VW016673.D

Acq: 28 Sep 2020 17:14

Instrument :

MSVOA_W

ClientSampleId :

BG3N2

Tot Ion: 95 Resp: 5055

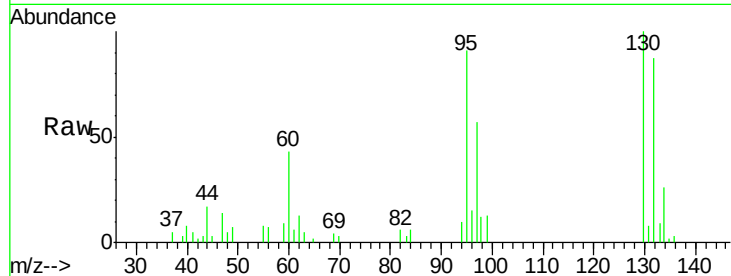
Ion Ratio Lower Upper

95 100

97 62.6 45.2 84.0

132 96.1 73.3 136.1

130 107.2 77.5 143.9



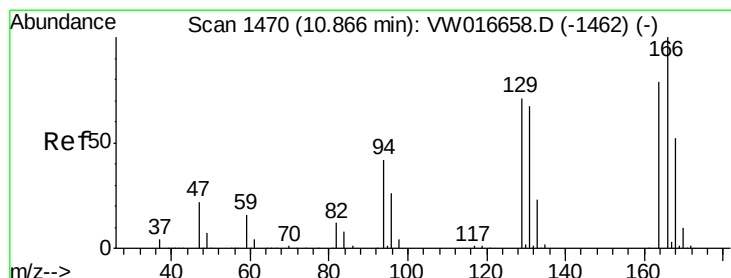
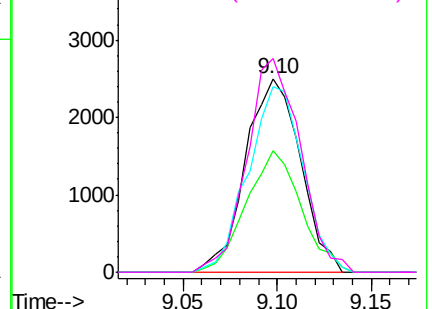
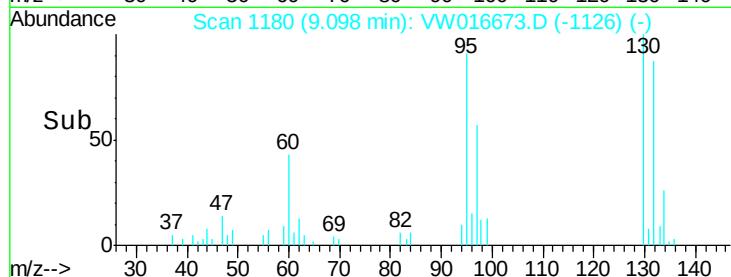
Abundance

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: 9.622 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

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Acq: 28 Sep 2020 17:14

Tgt Ion: 164 Resp: 86072

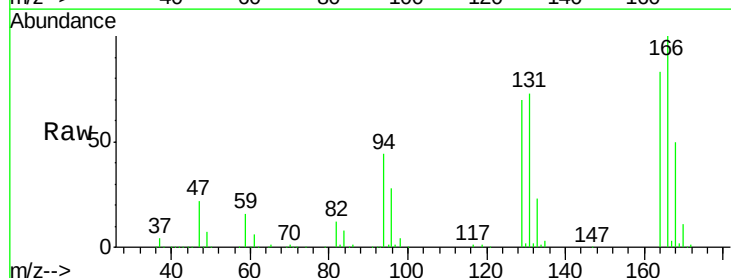
Ion Ratio Lower Upper

164 100

129 84.1 55.6 103.2

131 87.5 57.2 106.2

166 119.9 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

