

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100120\
 Data File : VW016738.D
 Acq On : 01 Oct 2020 15:16
 Operator : SY/VA
 Sample : L4203-01
 Misc : 5.49G/10ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3N3

Quant Time: Oct 01 22:19:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 01 21:33:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	674166	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	606289	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	291644	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	116634	17.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.48%
7) Chloroethane-d5	2.91	69	114073	21.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.64%
10) 1,1-Dichloroethene-d2	4.03	63	199782	13.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.76%
20) 2-Butanone-d5	7.09	46	71366	40.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.22%
24) Chloroform-d	7.66	84	327363	23.21	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.84%
26) 1,2-Dichloroethane-d4	8.31	65	161607	22.32	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.28%
29) Benzene-d6	8.28	84	635903	23.39	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.56%
33) 1,2-Dichloropropane-d6	9.28	67	181446	24.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.48%
37) Toluene-d8	10.33	98	592712	22.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.64%
38) trans-1,3-Dichloropropene-	10.59	79	70366	18.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.76%
39) 2-Hexanone-d5	10.93	63	54933	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	140463	22.40	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.60%
61) 1,2-Dichlorobenzene-d4	13.85	152	230080	24.69	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.76%

Target Compounds

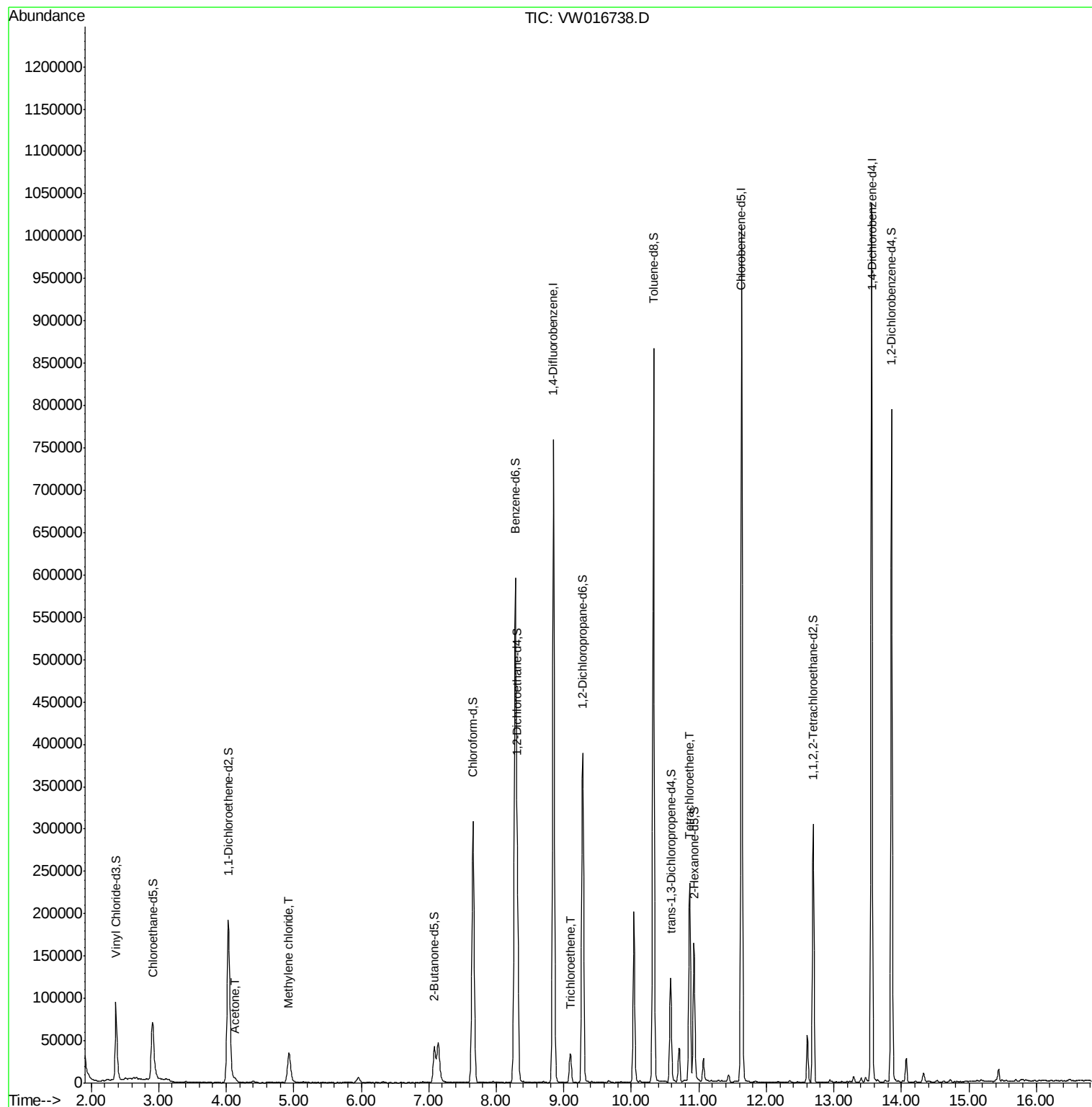
					Ovalue
13) Acetone	4.14	43	6516	4.675 ug/L	96
16) Methylene chloride	4.93	84	31878	3.066 ug/L	91
35) Trichloroethene	9.10	95	11459	1.219 ug/L	99
47) Tetrachloroethene	10.87	164	56635	6.671 ug/L	94

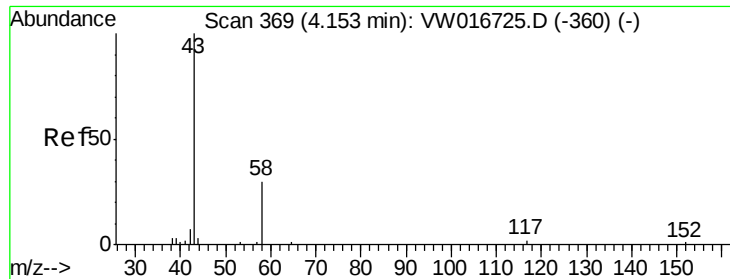
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.675 ug/L

RT: 4.14 min Scan# 366

Delta R.T. -0.02 min

Lab File: VW016738.D

Acq: 01 Oct 2020 15:16

Instrument :

MSVOA_W

ClientSampled :

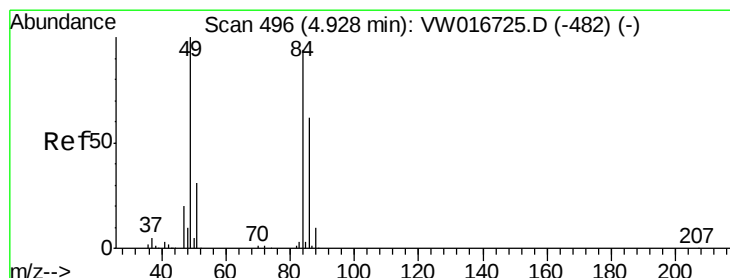
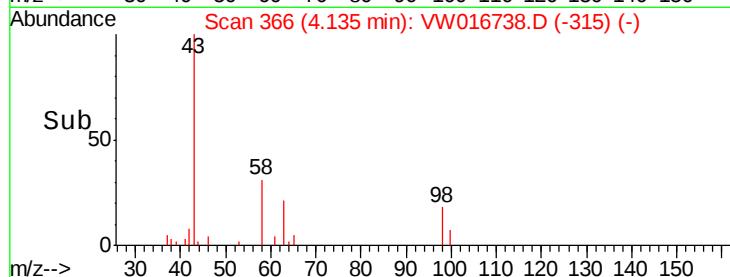
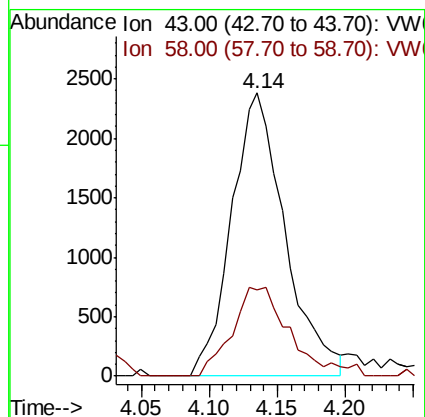
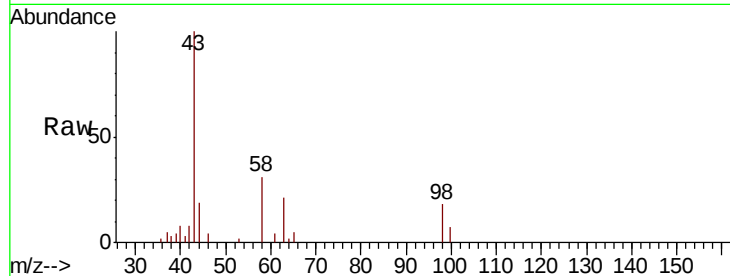
BG3N3

Tot Ion: 43 Resp: 6516

Ion Ratio Lower Upper

43 100

58 32.2 0.0 60.2



#16

Methylene chloride

Concen: 3.066 ug/L

RT: 4.93 min Scan# 497

Delta R.T. 0.01 min

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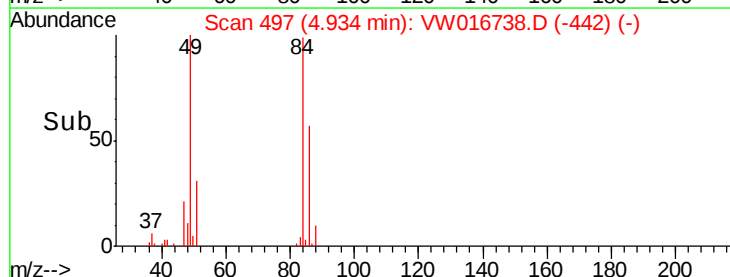
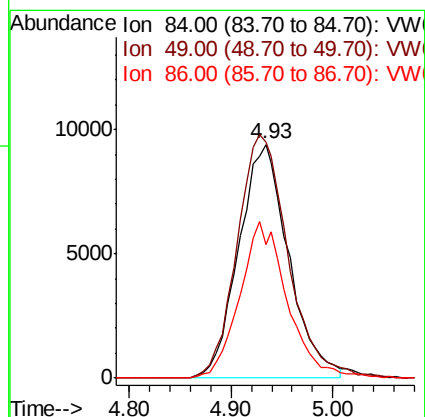
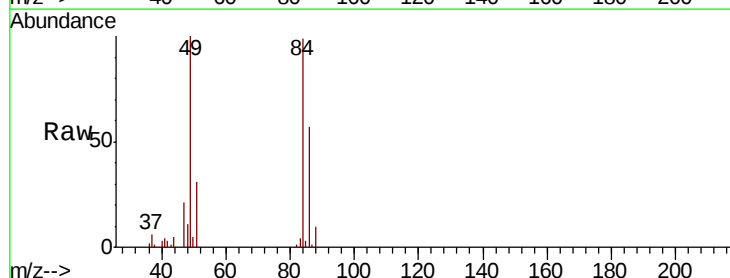
Tgt Ion: 84 Resp: 31878

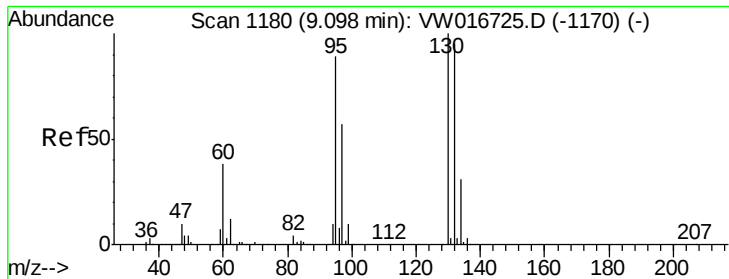
Ion Ratio Lower Upper

84 100

49 100.7 76.0 141.2

86 57.0 45.6 84.6





#35

Trichloroethene

Concen: 1.219 ug/L

RT: 9.10 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VW016738.D

Acq: 01 Oct 2020 15:16

Instrument :

MSVOA_W

ClientSampleId :

BG3N3

Tot Ion: 95 Resp: 11459

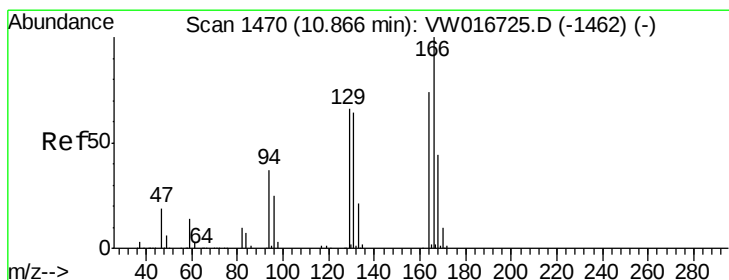
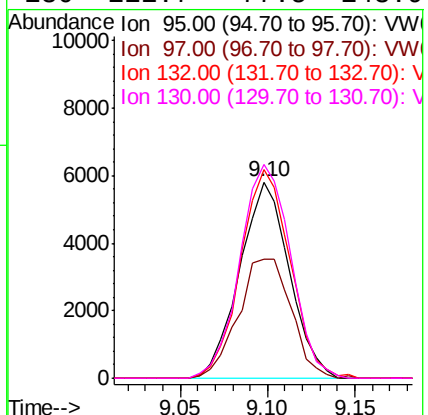
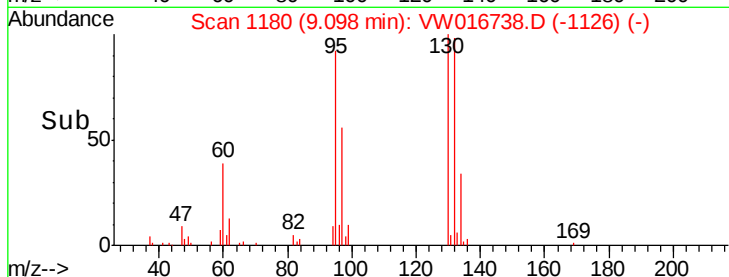
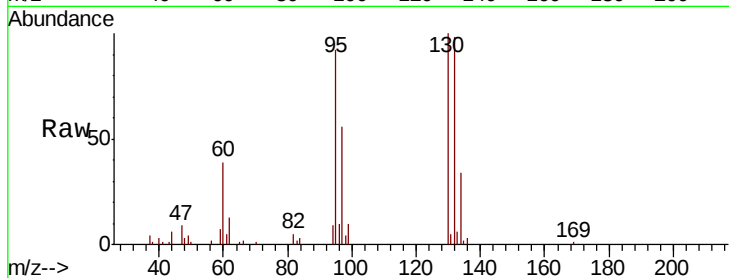
Ion Ratio Lower Upper

95 100

97 65.0 45.2 84.0

132 106.9 73.3 136.1

130 111.7 77.5 143.9



#47

Tetrachloroethene

Concen: 6.671 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VW016738.D

Acq: 01 Oct 2020 15:16

Tgt Ion: 164 Resp: 56635

Ion Ratio Lower Upper

164 100

129 89.7 55.6 103.2

131 90.1 57.2 106.2

166 123.9 86.5 160.6

