

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092420\
 Data File : VW016628.D
 Acq On : 23 Sep 2020 14:02
 Operator : SY/VA
 Sample : L4108-14
 Misc : 6.11G/10ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3L1

Quant Time: Sep 24 05:11:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 24 04:34:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	607207	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	508328	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	210783	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	151253	25.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.92%
7) Chloroethane-d5	2.90	69	130044	27.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.40%
10) 1,1-Dichloroethene-d2	4.03	63	237090	18.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.16%
20) 2-Butanone-d5	7.09	46	62246	38.84	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.68%
24) Chloroform-d	7.65	84	340153	26.78	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.12%
26) 1,2-Dichloroethane-d4	8.31	65	171029	26.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.92%
29) Benzene-d6	8.28	84	662618	29.06	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	116.24%
33) 1,2-Dichloropropane-d6	9.28	67	180388	29.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.80%
37) Toluene-d8	10.33	98	627921	28.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	112.00%
38) trans-1,3-Dichloropropene-	10.58	79	76337	24.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.04%
39) 2-Hexanone-d5	10.93	63	51795	46.09	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.18%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	126177	24.00	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.00%
61) 1,2-Dichlorobenzene-d4	13.86	152	180967	26.87	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.48%

Target Compounds

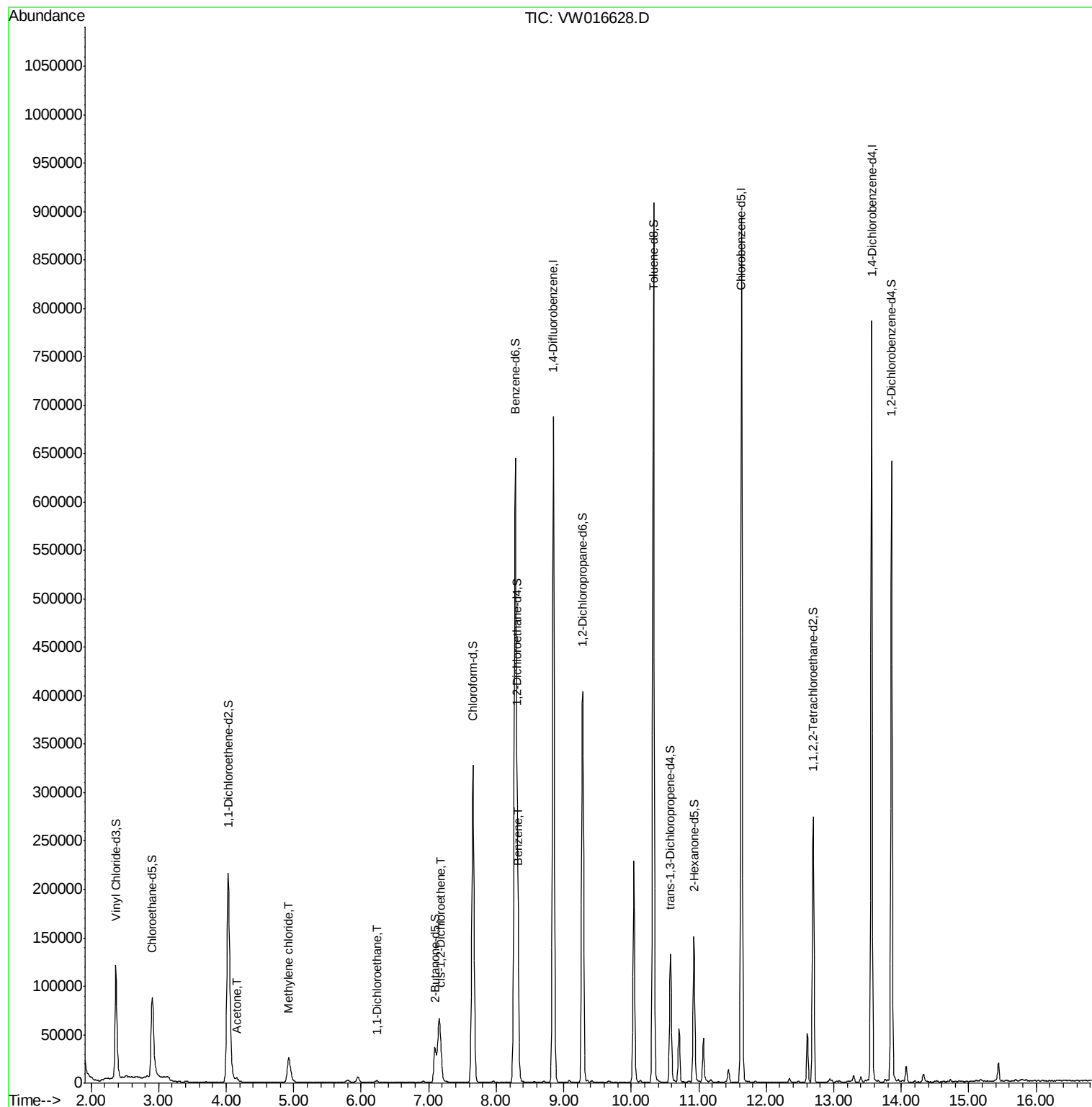
					Ovalue
13) Acetone	4.15	43	7435	5.923 ug/L	81
16) Methylene chloride	4.92	84	23319	2.490 ug/L	97
19) 1,1-Dichloroethane	6.23	63	3239	0.257 ug/L #	82
22) cis-1,2-Dichloroethene	7.18	96	11421	1.382 ug/L	91
34) Benzene	8.33	78	22919	0.841 ug/L	100

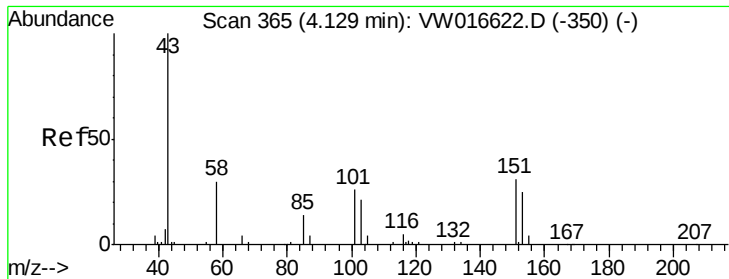
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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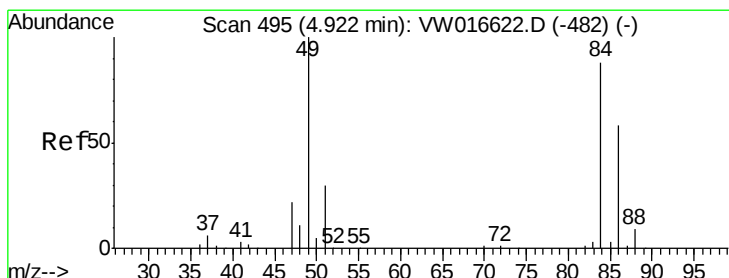
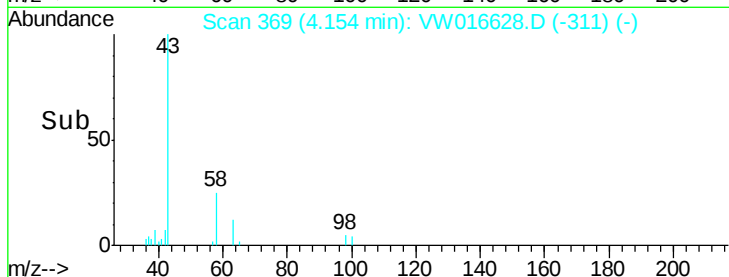
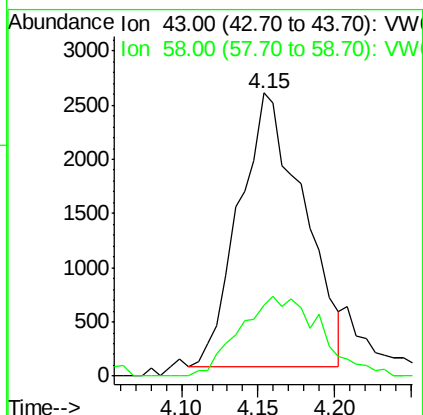
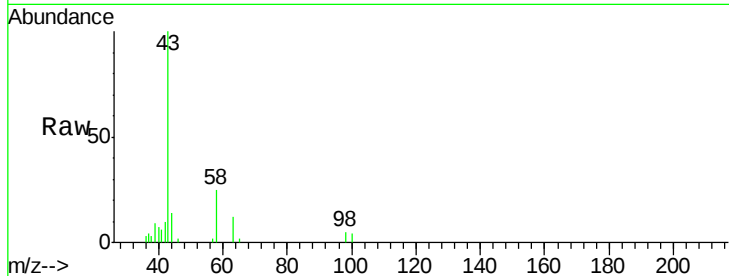




#13
Acetone
Concen: 5.923 ug/L
RT: 4.15 min Scan# 369
Delta R.T. 0.02 min
Lab File: VW016628.D
Acq: 23 Sep 2020 14:02

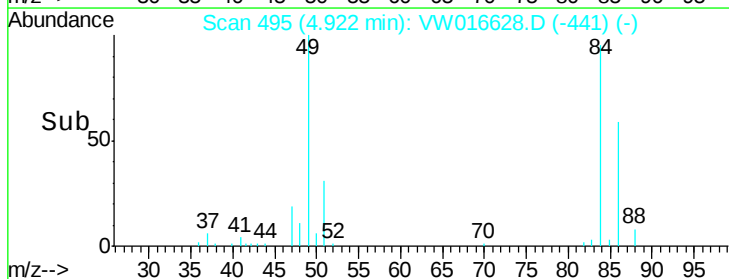
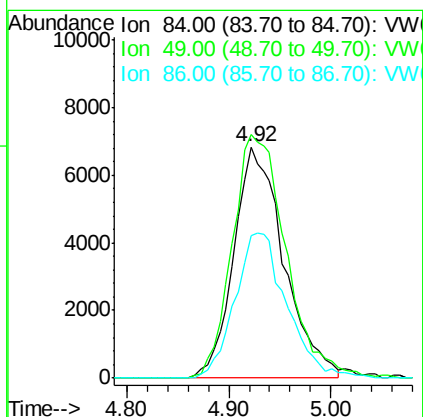
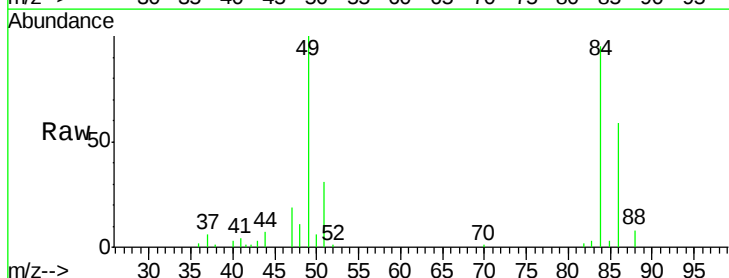
Instrument :
MSVOA_W
ClientSampleId :
BG3L1

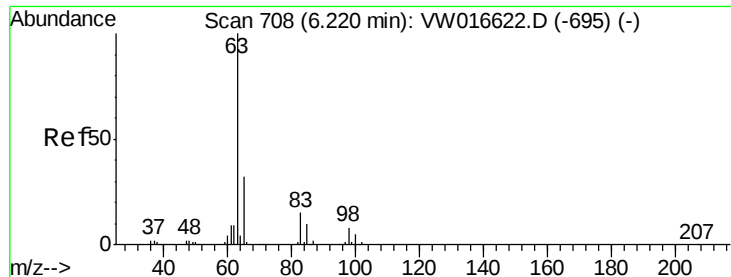
Tot Ion: 43 Resp: 7435
Ion Ratio Lower Upper
43 100
58 20.0 0.0 60.2



#16
Methylene chloride
Concen: 2.490 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW016628.D
Acq: 23 Sep 2020 14:02

Tgt Ion: 84 Resp: 23319
Ion Ratio Lower Upper
84 100
49 105.4 76.0 141.2
86 61.9 45.6 84.6

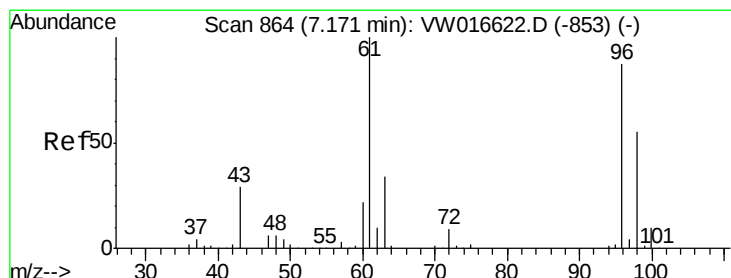
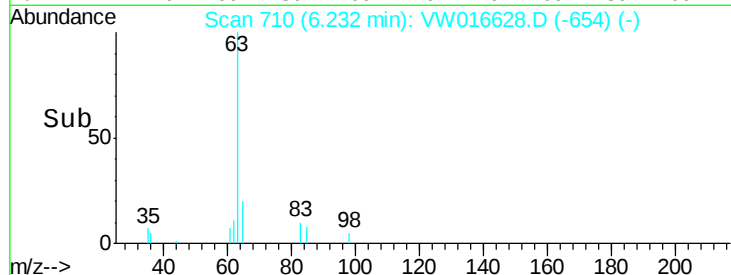
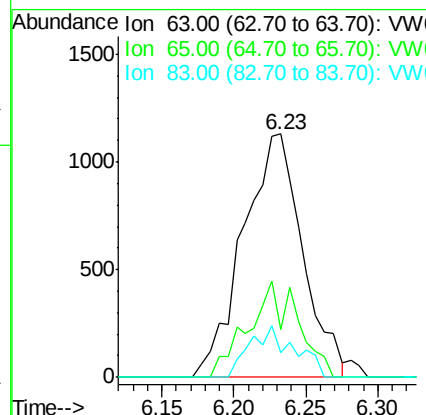
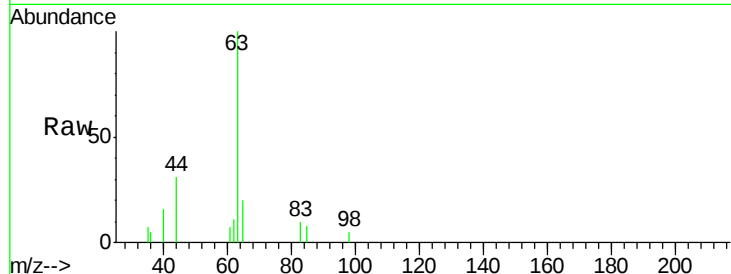




#19
 1,1-Dichloroethane
 Concen: 0.257 ug/L
 RT: 6.23 min Scan# 710
 Delta R.T. 0.01 min
 Lab File: VW016628.D
 Acq: 23 Sep 2020 14:02

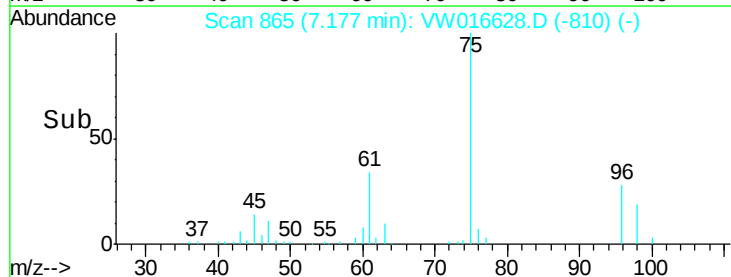
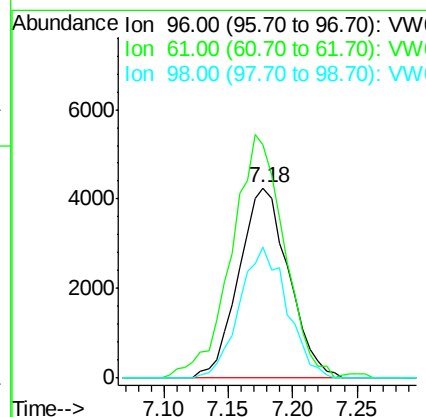
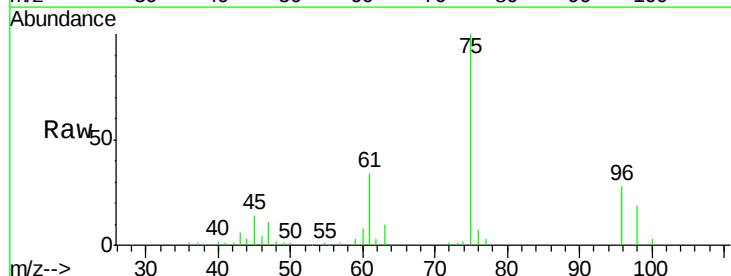
Instrument :
 MSVOA_W
 ClientSampled :
 BG3L1

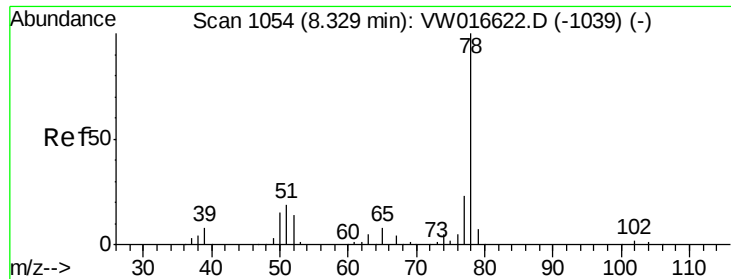
Tot Ion	Ratio	Lower	Upper
63	100		
65	19.5	21.6	40.0#
83	10.0	10.4	19.2#



#22
 cis-1,2-Dichloroethene
 Concen: 1.382 ug/L
 RT: 7.18 min Scan# 865
 Delta R.T. 0.01 min
 Lab File: VW016628.D
 Acq: 23 Sep 2020 14:02

Tgt Ion	Ratio	Lower	Upper
96	100		
61	122.9	78.4	145.6
98	68.6	44.8	83.2





#34

Benzene

Concen: 0.841 ug/L

RT: 8.33 min Scan# 1054

Delta R.T. 0.00 min

Lab File: VW016628.D

Acq: 23 Sep 2020 14:02

Instrument :

MSVOA_W

ClientSampleId :

BG3L1

Tgt Ion: 78 Resp: 22919

