

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091520\
 Data File : VW016562.D
 Acq On : 15 Sep 2020 17:28
 Operator : SY/VA
 Sample : VW0915SBL01
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VBLK15

Quant Time: Sep 16 08:48:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 16 08:47:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	598362	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	515534	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	253699	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	142270	24.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.24%
7) Chloroethane-d5	2.91	69	113882	24.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.32%
10) 1,1-Dichloroethene-d2	4.03	63	228503	17.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.60%
20) 2-Butanone-d5	7.08	46	73478	46.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.06%
24) Chloroform-d	7.66	84	289550	23.13	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.52%
26) 1,2-Dichloroethane-d4	8.31	65	156370	24.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.36%
29) Benzene-d6	8.28	84	584425	25.28	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.12%
33) 1,2-Dichloropropane-d6	9.28	67	158380	25.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.12%
37) Toluene-d8	10.33	98	568083	24.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.88%
38) trans-1,3-Dichloropropene-	10.58	79	76252	24.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.56%
39) 2-Hexanone-d5	10.93	63	56327	49.43	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.86%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	126461	23.72	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.88%
61) 1,2-Dichlorobenzene-d4	13.86	152	198219	24.45	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.80%

Target Compounds

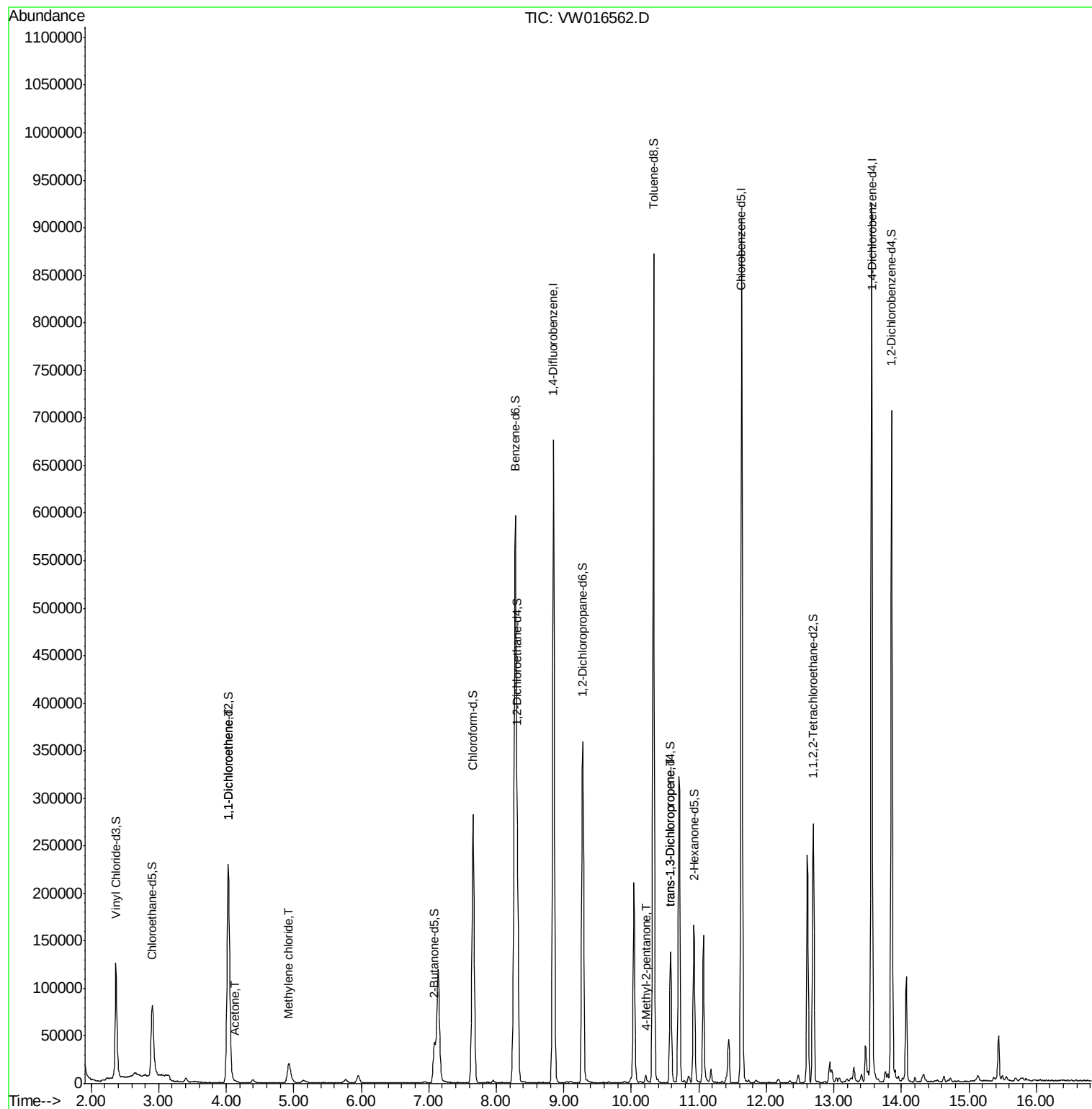
					Ovalue
12) 1,1-Dichloroethene	4.03	96	2223	0.293 ug/L	# 1
13) Acetone	4.13	43	1827	1.477 ug/L	92
16) Methylene chloride	4.92	84	16942	1.836 ug/L	98
43) 4-Methyl-2-pentanone	10.22	43	5104	1.250 ug/L	99
45) trans-1,3-Dichloropropene	10.59	75	4374	0.458 ug/L	98

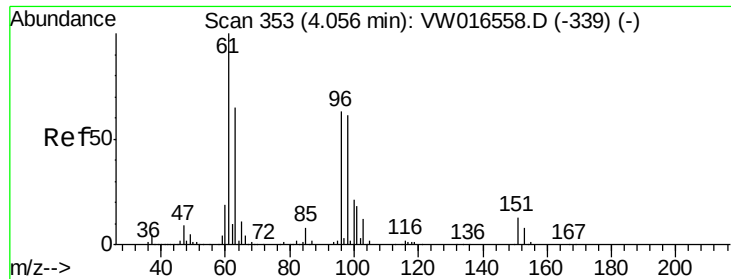
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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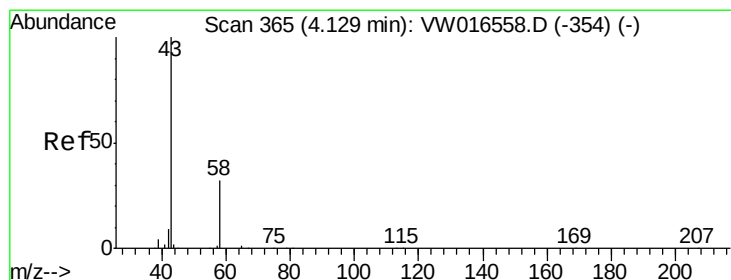
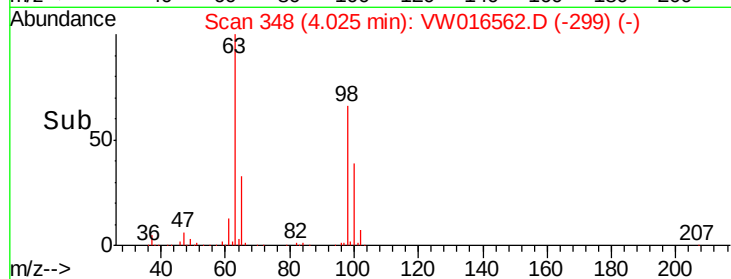
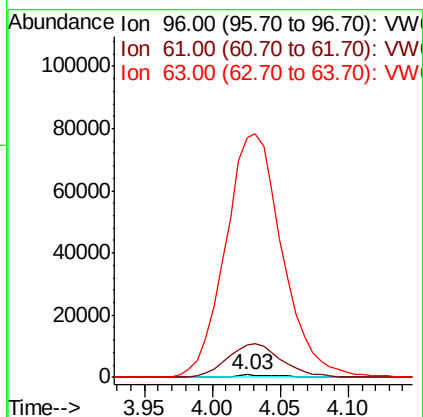
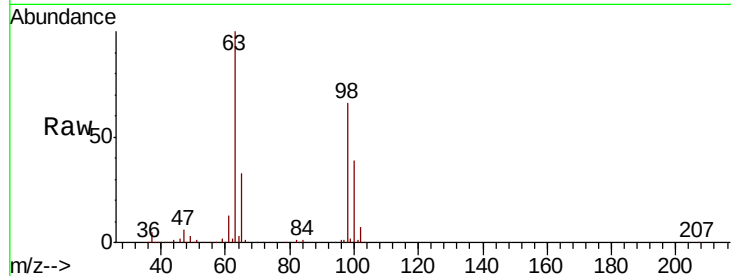




#12
 1,1-Dichloroethene
 Concen: 0.293 ug/L
 RT: 4.03 min Scan# 348
 Delta R.T. -0.03 min
 Lab File: VW016562.D
 Acq: 15 Sep 2020 17:28

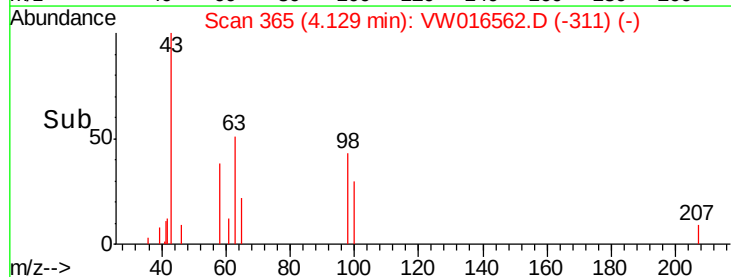
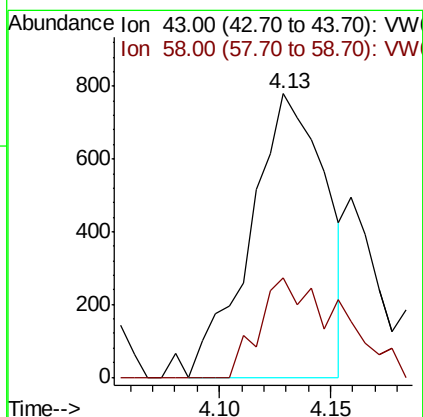
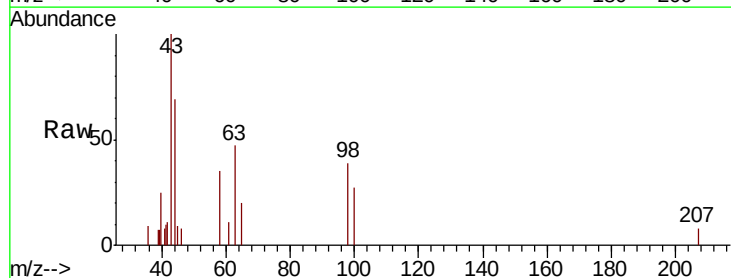
Instrument :
 MSVOA_W
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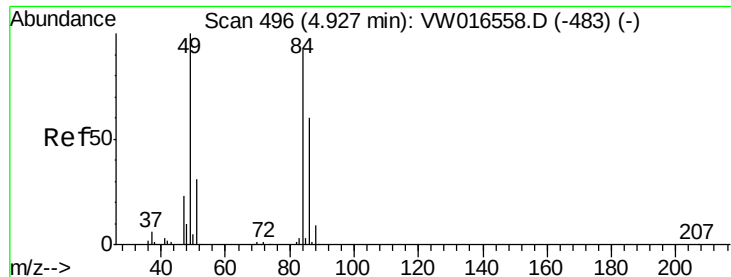
Tot Ion: 96 Resp: 2223
 Ion Ratio Lower Upper
 96 100
 61 1356.8 111.4 206.8#
 63 10126.7 73.0 135.6#



#13
 Acetone
 Concen: 1.477 ug/L
 RT: 4.13 min Scan# 365
 Delta R.T. 0.00 min
 Lab File: VW016562.D
 Acq: 15 Sep 2020 17:28

Tgt Ion: 43 Resp: 1827
 Ion Ratio Lower Upper
 43 100
 58 25.7 0.0 60.2

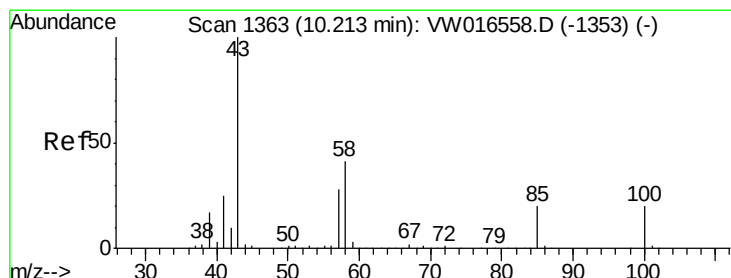
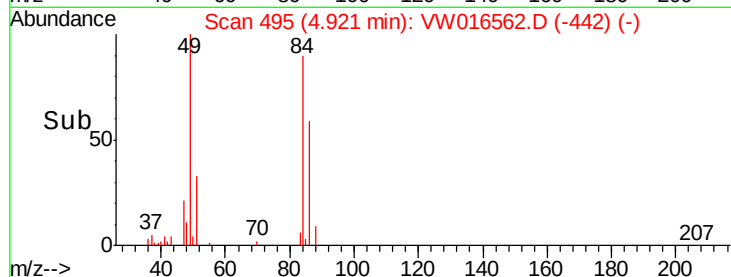
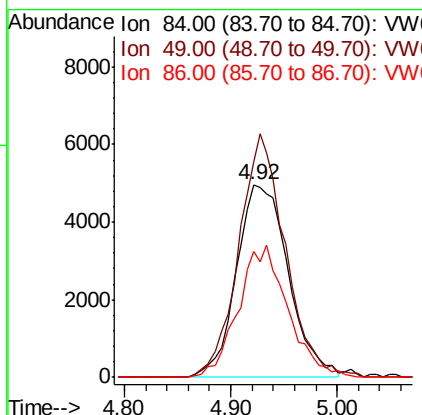
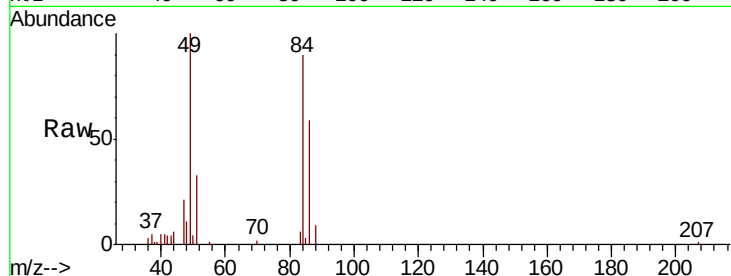




#16
Methvlene chloride
Concen: 1.836 ug/L
RT: 4.92 min Scan# 495
Delta R.T. -0.01 min
Lab File: VW016562.D
Acq: 15 Sep 2020 17:28

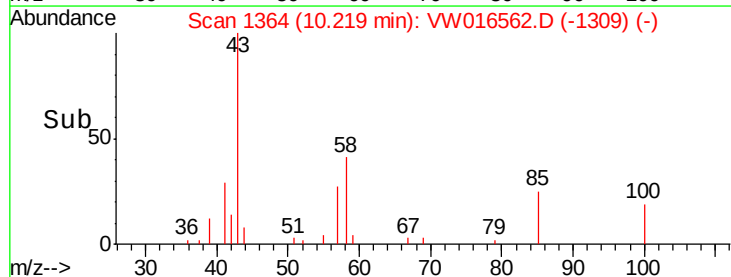
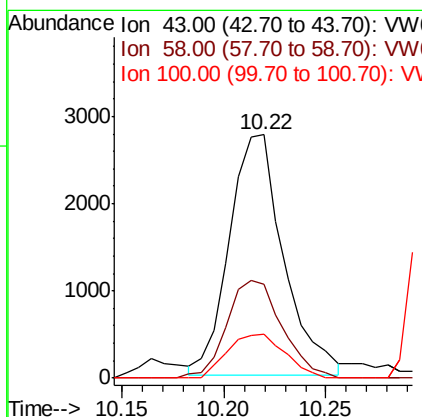
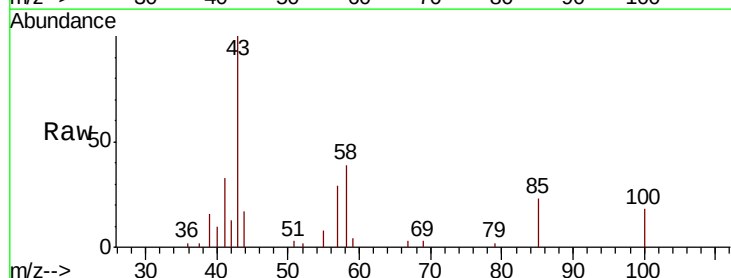
Instrument :
MSVOA_W
ClientSampleId :
VBLK15

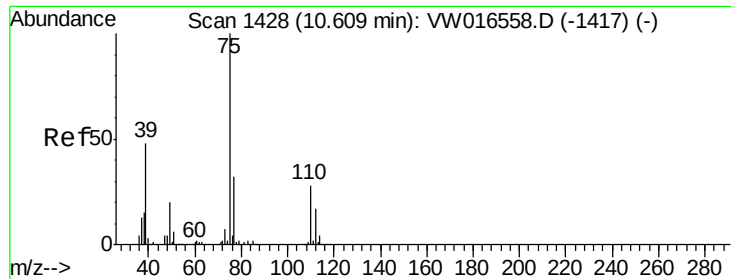
Tot Ion: 84 Resp: 16942
Ion Ratio Lower Upper
84 100
49 111.3 76.0 141.2
86 65.4 45.6 84.6



#43
4-Methyl-2-pentanone
Concen: 1.250 ug/L
RT: 10.22 min Scan# 1364
Delta R.T. 0.01 min
Lab File: VW016562.D
Acq: 15 Sep 2020 17:28

Tgt Ion: 43 Resp: 5104
Ion Ratio Lower Upper
43 100
58 41.2 32.2 48.4
100 19.4 15.8 23.6





#45

trans-1,3-Dichloropropene

Concen: 0.458 ug/L

RT: 10.59 min Scan# 1424

Delta R.T. -0.02 min

Lab File: VW016562.D

Acq: 15 Sep 2020 17:28

Instrument :

MSVOA_W

ClientSampleId :

VBLK15

Tot Ion: 75 Resp: 4374

Ion Ratio Lower Upper

75 100

77 33.1 22.5 41.9

