

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111120\
 Data File : VW017154.D
 Acq On : 11 Nov 2020 10:55
 Operator : SY/VA
 Sample : VW1111SBL01
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VBLK28

Quant Time: Nov 12 03:15:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 12 03:07:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	459600	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	418051	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	194498	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	152299	26.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.24%
7) Chloroethane-d5	2.89	69	126106	28.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	113.08%
10) 1,1-Dichloroethene-d2	4.02	63	204553	19.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.00%
20) 2-Butanone-d5	7.09	46	55412	42.80	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.60%
24) Chloroform-d	7.65	84	297914	27.77	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	111.08%
26) 1,2-Dichloroethane-d4	8.31	65	147137	27.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.32%
29) Benzene-d6	8.28	84	591906	27.80	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	111.20%
33) 1,2-Dichloropropane-d6	9.27	67	165364	28.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.32%
37) Toluene-d8	10.33	98	553967	27.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	110.40%
38) trans-1,3-Dichloropropene-	10.58	79	66051	24.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.52%
39) 2-Hexanone-d5	10.93	63	45094	43.88	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.76%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	127170	24.79	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.16%
61) 1,2-Dichlorobenzene-d4	13.85	152	202529	29.56	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	118.24%

Target Compounds

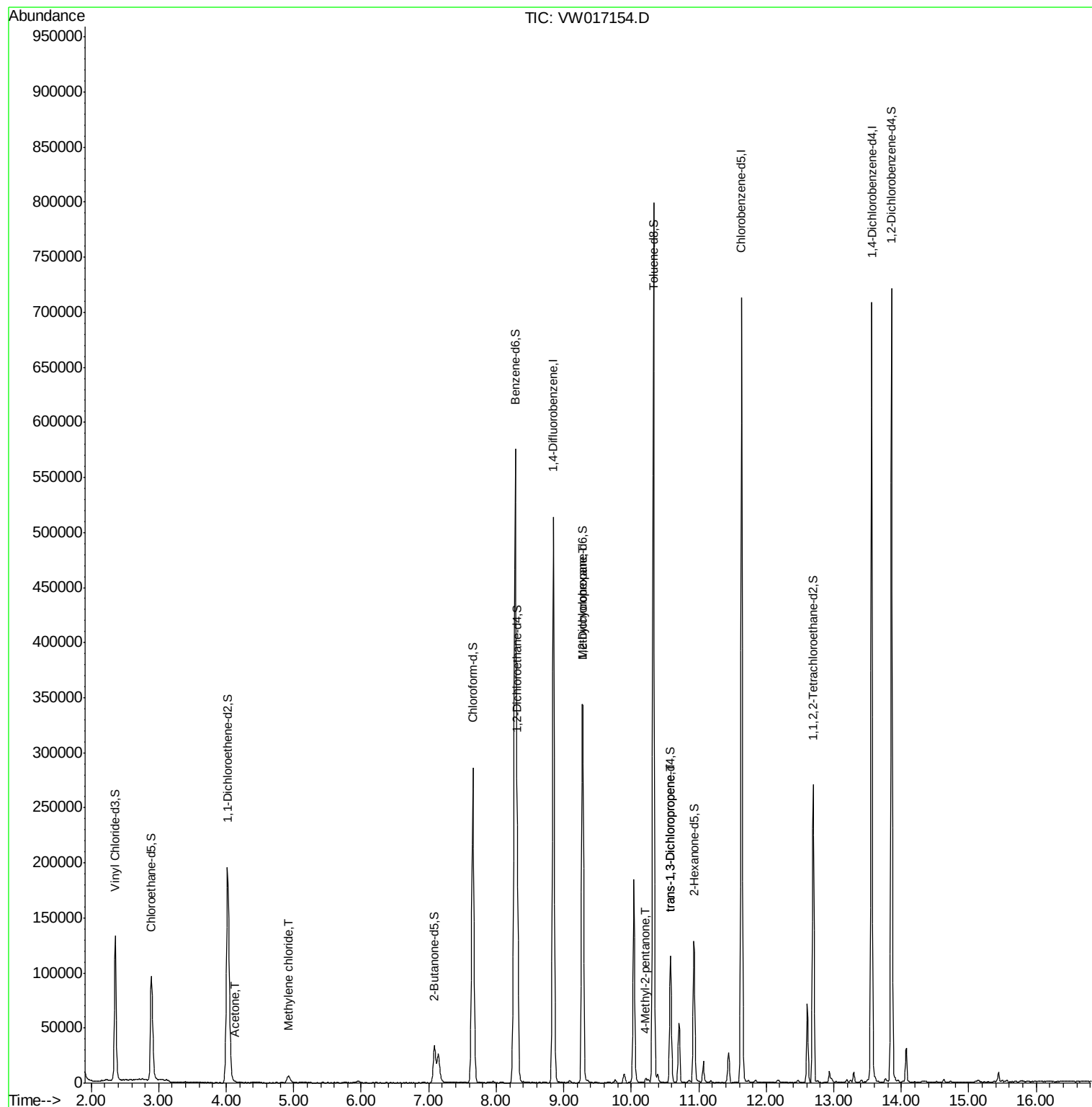
				Ovalue
13) Acetone	4.14	43	506	0.584 ug/L 69
16) Methylene chloride	4.92	84	5533	0.893 ug/L 98
36) Methylcyclohexane	9.27	83	43081	4.354 ug/L # 22
43) 4-Methyl-2-pentanone	10.21	43	2878	0.909 ug/L # 87
45) trans-1,3-Dichloropropene	10.59	75	3257	0.467 ug/L # 79

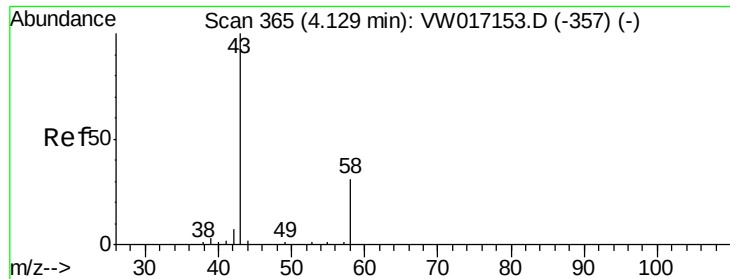
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 0.584 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW017154.D

Acq: 11 Nov 2020 10:55

Instrument :

MSVOA_W

ClientSampled :

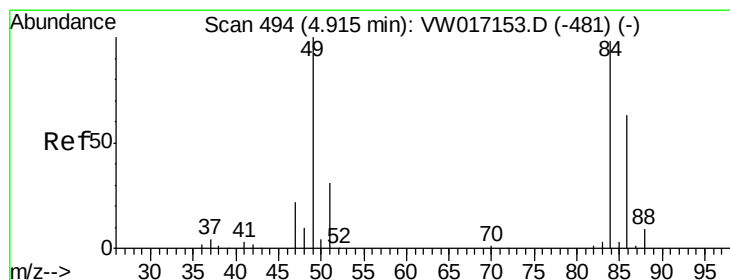
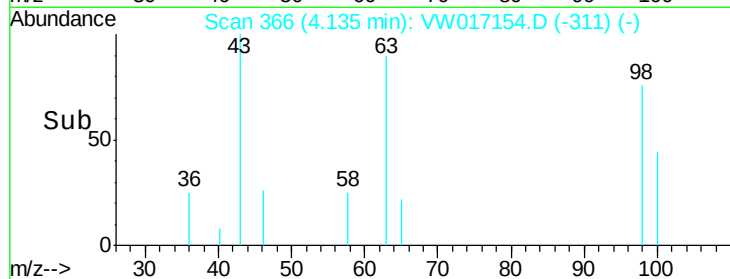
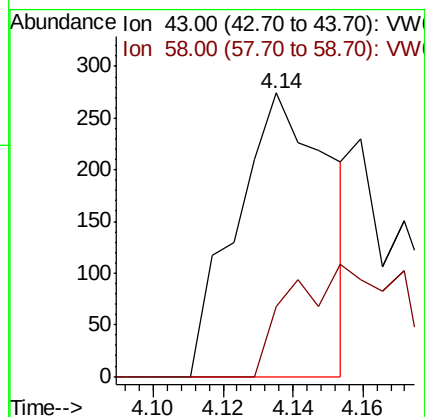
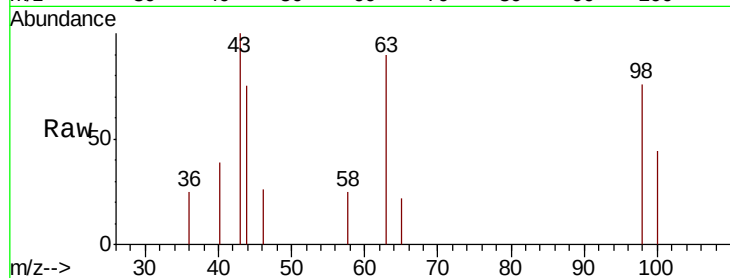
VBLK28

Tot Ion: 43 Resp: 506

Ion Ratio Lower Upper

43 100

58 16.6 0.0 69.2



#16

Methylene chloride

Concen: 0.893 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW017154.D

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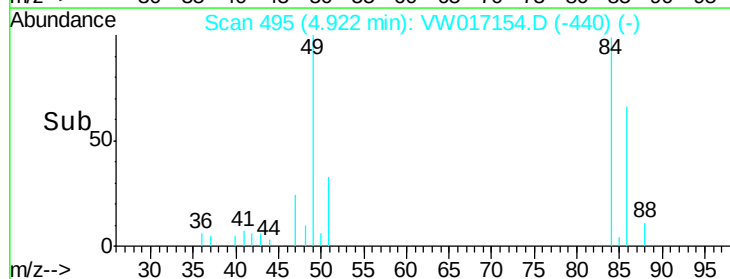
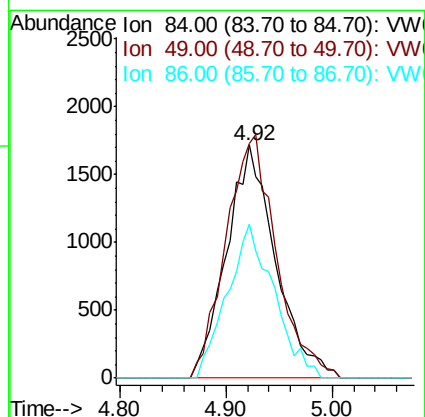
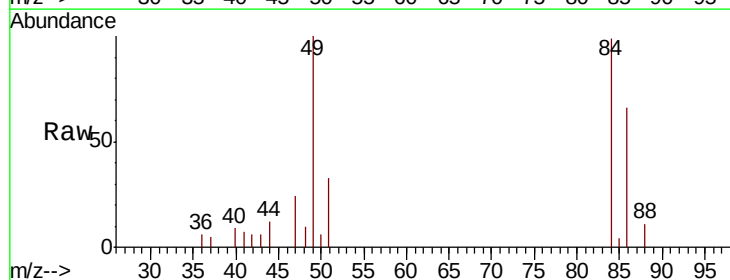
Tgt Ion: 84 Resp: 5533

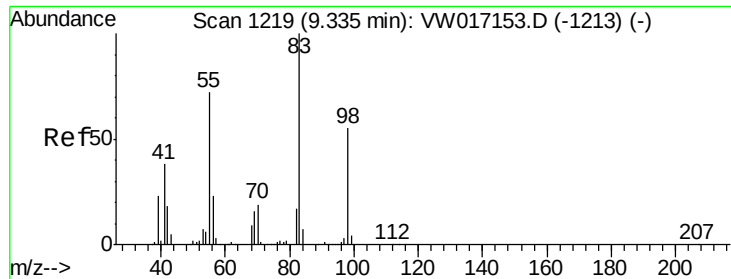
Ion Ratio Lower Upper

84 100

49 100.6 72.3 134.3

86 66.1 45.1 83.7

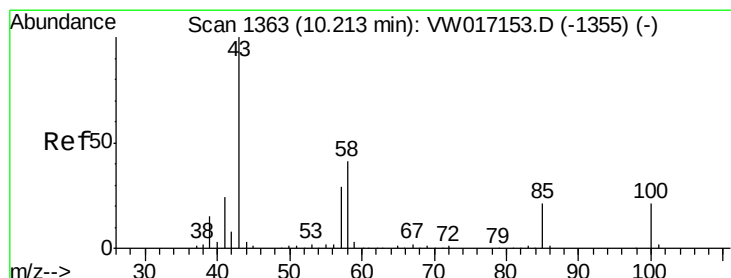
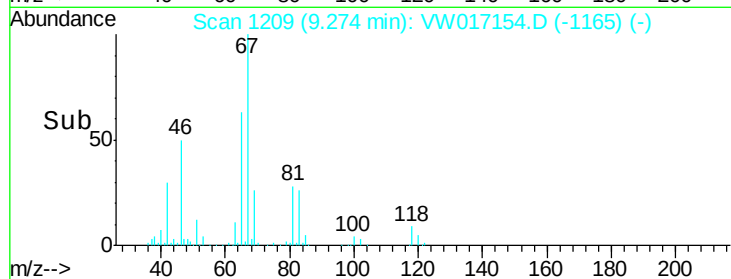
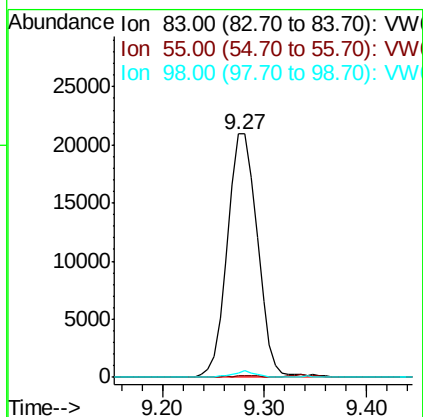
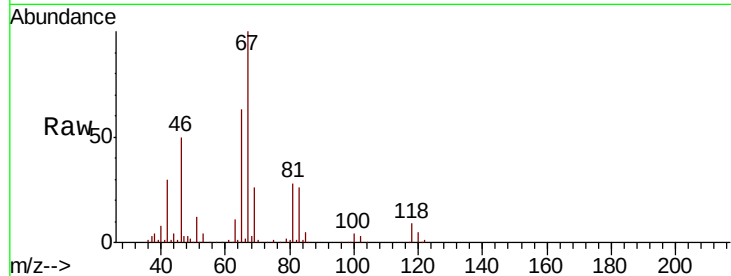




#36
Methylcyclohexane
Concen: 4.354 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW017154.D
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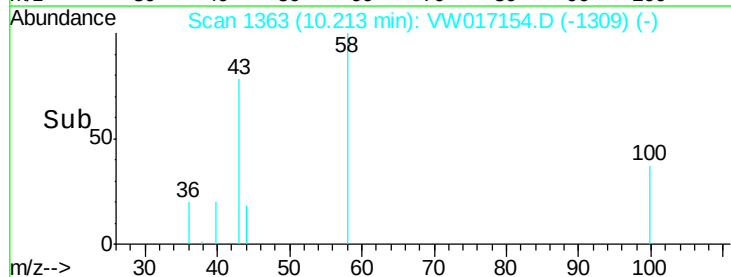
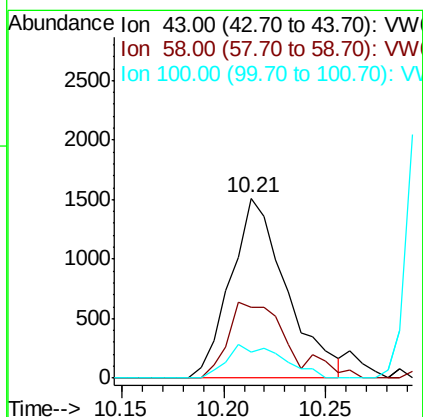
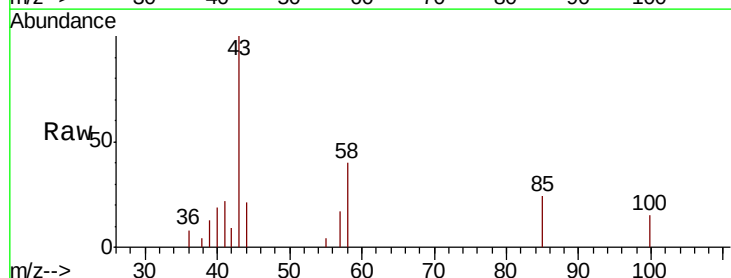
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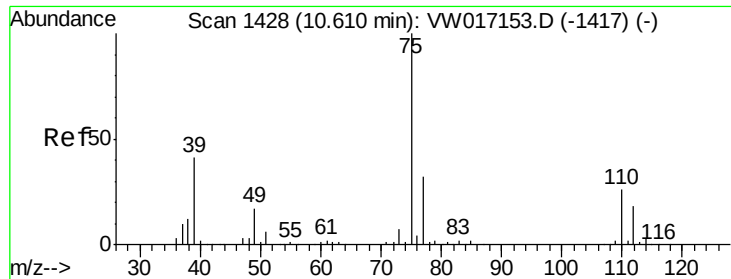
Tot Ion: 83 Resp: 43081
Ion Ratio Lower Upper
83 100
55 0.5 54.4 81.6#
98 1.9 40.5 60.7#



#43
4-Methyl-2-pentanone
Concen: 0.909 ug/L
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW017154.D
Acq: 11 Nov 2020 10:55

Tgt Ion: 43 Resp: 2878
Ion Ratio Lower Upper
43 100
58 39.4 35.0 52.6
100 8.9 16.6 24.8#





#45

trans-1,3-Dichloropropene

Concen: 0.467 ug/L

RT: 10.59 min Scan# 1424

Delta R.T. -0.02 min

Lab File: VW017154.D

Acq: 11 Nov 2020 10:55

Instrument :

MSVOA_W

ClientSampleId :

VBLK28

Tot Ion: 75 Resp: 3257

Ion Ratio Lower Upper

75 100

77 43.1 22.1 41.1#

