

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101220\
 Data File : VW016878.D
 Acq On : 12 Oct 2020 12:18
 Operator : SY/VA
 Sample : L4254-08
 Misc : 5.05G/10ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VHBLK01

Quant Time: Oct 13 07:00:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 13 06:53:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	546641	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	499666	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	236555	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	122657	22.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.00%
7) Chloroethane-d5	2.89	69	101525	22.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.76%
10) 1,1-Dichloroethene-d2	4.03	63	185274	16.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.72%
20) 2-Butanone-d5	7.08	46	63964	52.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.74%
24) Chloroform-d	7.65	84	272499	23.62	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.48%
26) 1,2-Dichloroethane-d4	8.31	65	137066	24.60	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.40%
29) Benzene-d6	8.28	84	553207	24.38	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.52%
33) 1,2-Dichloropropane-d6	9.27	67	153929	25.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.96%
37) Toluene-d8	10.32	98	525228	24.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.12%
38) trans-1,3-Dichloropropene-	10.58	79	63518	23.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.44%
39) 2-Hexanone-d5	10.93	63	52145	55.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.58%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	126613	25.70	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.80%
61) 1,2-Dichlorobenzene-d4	13.86	152	188479	25.12	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.48%

Target Compounds

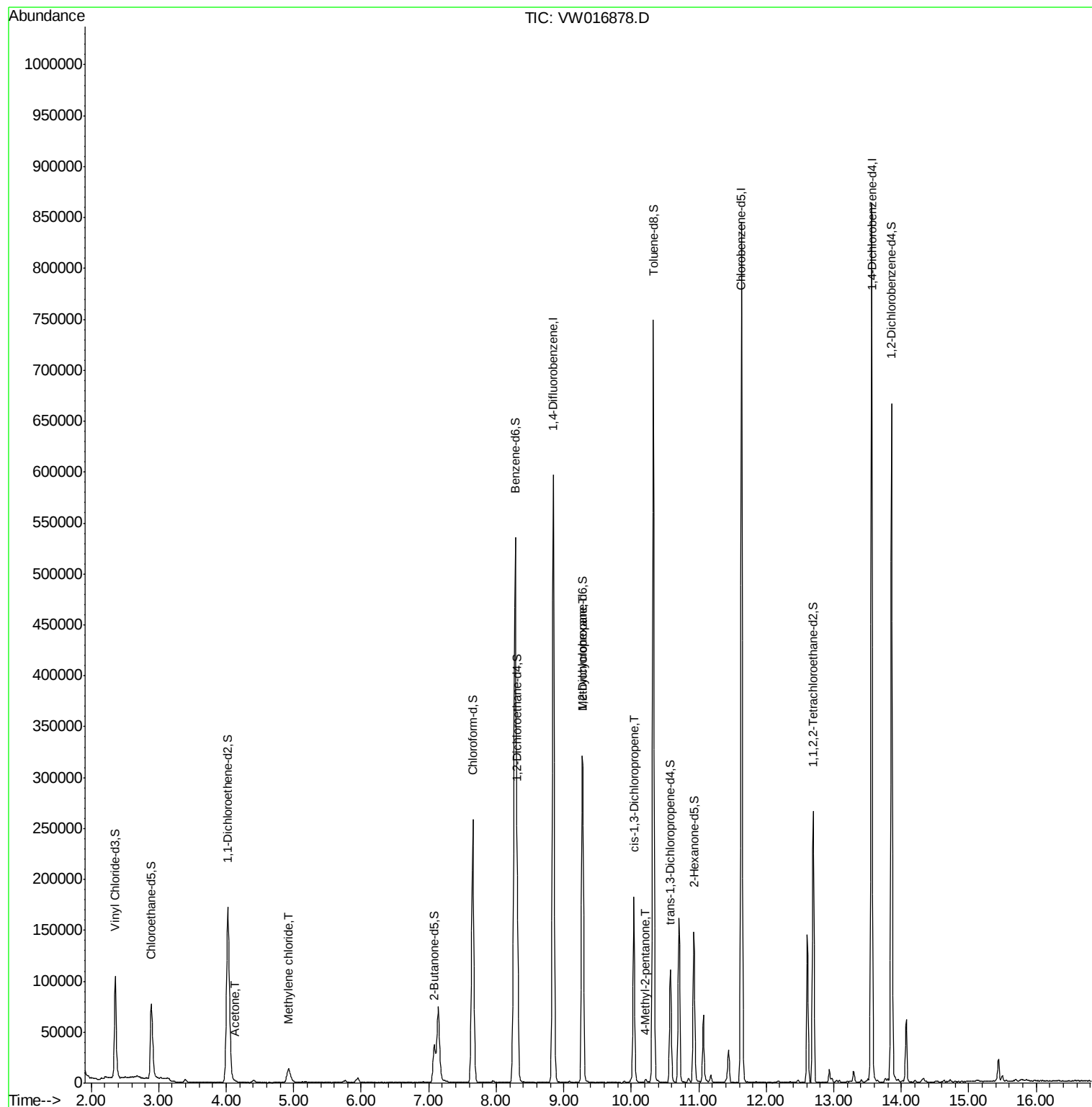
					Ovalue
13) Acetone	4.13	43	2660	2.878 ug/L	66
16) Methylene chloride	4.92	84	12455	1.651 ug/L	97
36) Methylcyclohexane	9.27	83	40627	3.183 ug/L #	22
42) cis-1,3-Dichloropropene	10.04	75	4471	0.462 ug/L #	55
43) 4-Methyl-2-pentanone	10.22	43	2148	0.703 ug/L #	91

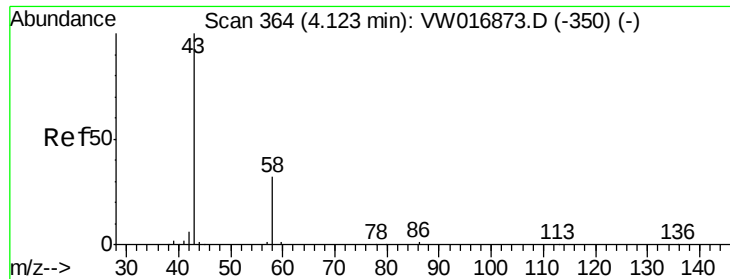
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.878 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW016878.D

Acq: 12 Oct 2020 12:18

Instrument :

MSVOA_W

ClientSampleId :

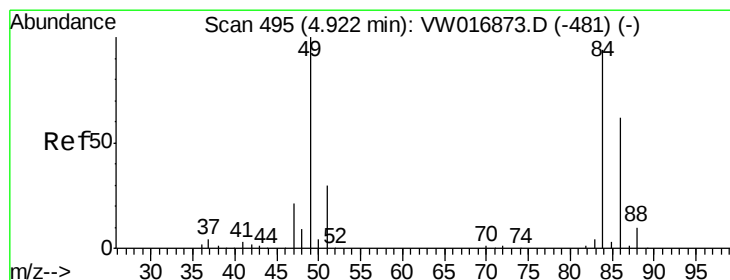
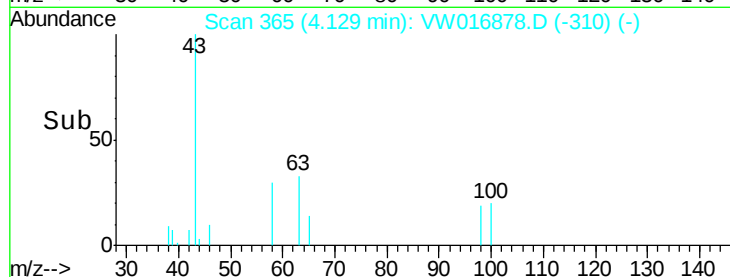
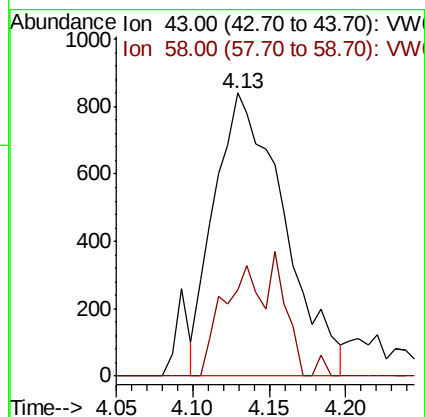
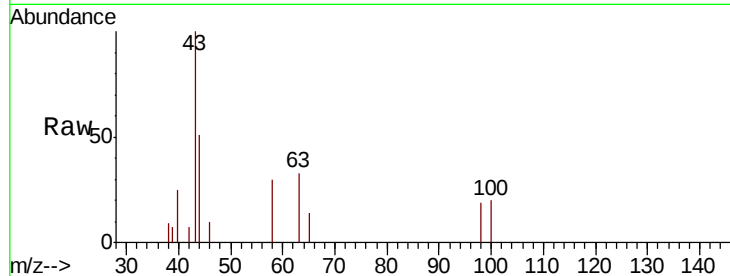
VHBLK01

Tot Ion: 43 Resp: 2660

Ion Ratio Lower Upper

43 100

58 14.2 0.0 67.6



#16

Methylene chloride

Concen: 1.651 ug/L

RT: 4.92 min Scan# 495

Delta R.T. -0.00 min

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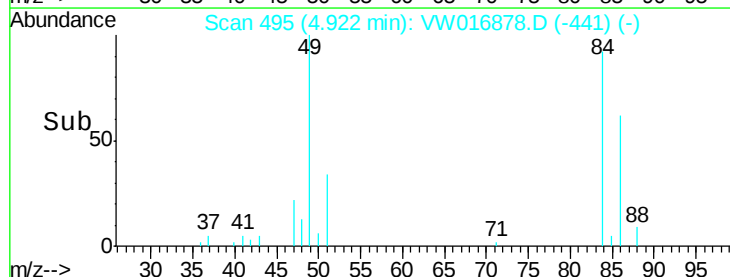
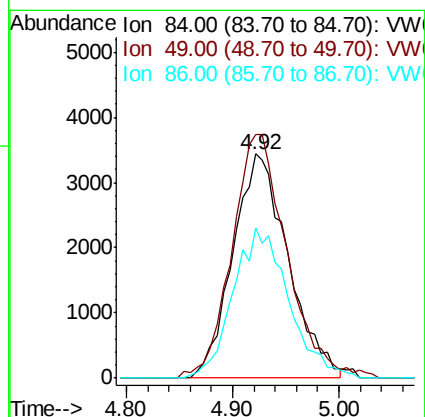
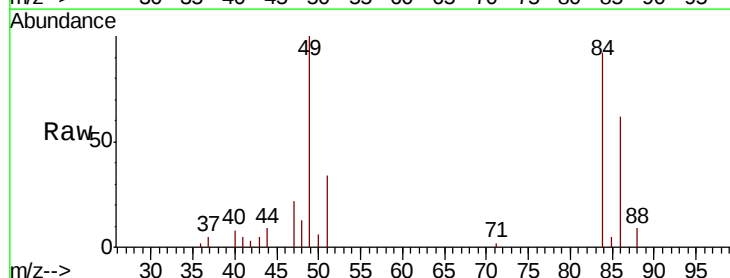
Tgt Ion: 84 Resp: 12455

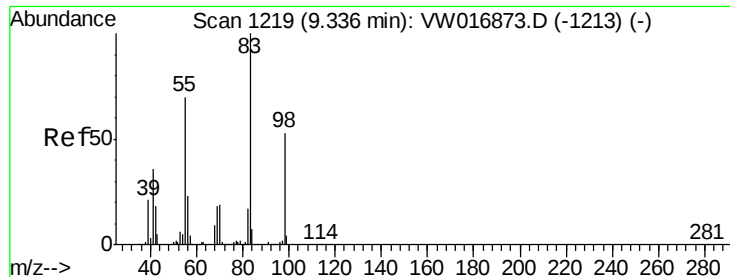
Ion Ratio Lower Upper

84 100

49 108.7 73.1 135.8

86 66.9 46.0 85.4

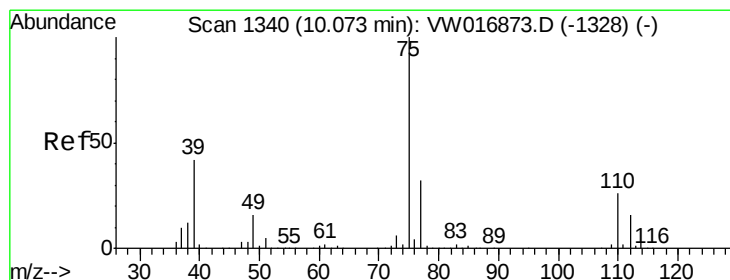
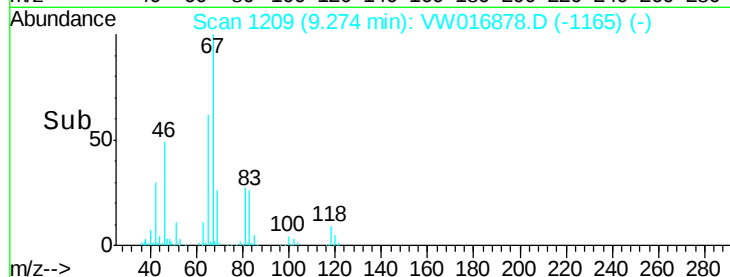
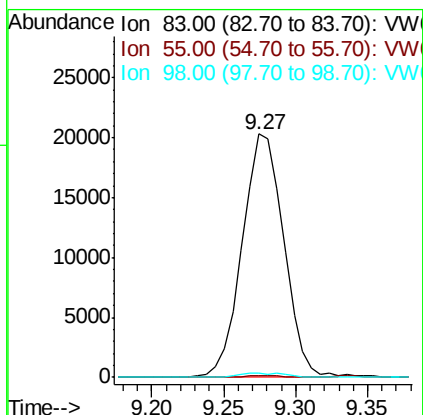
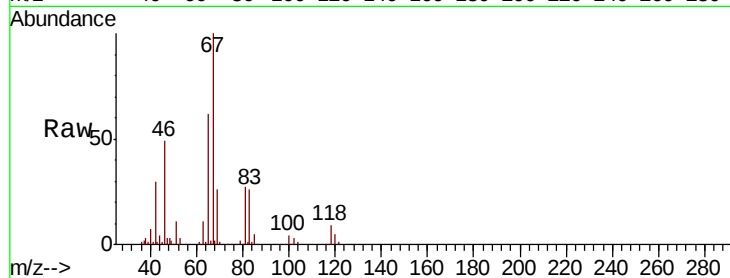




#36
Methylcyclohexane
Concen: 3.183 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW016878.D
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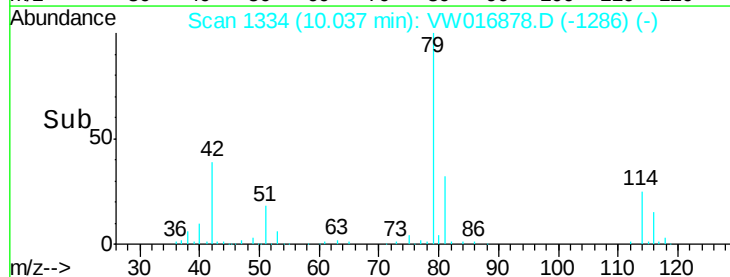
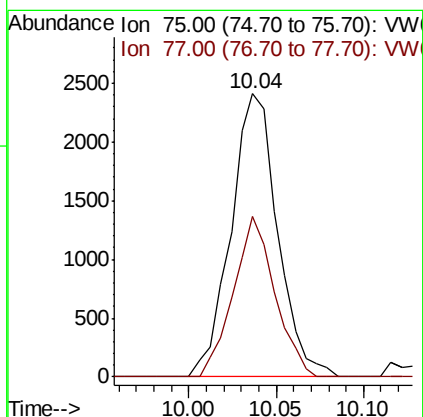
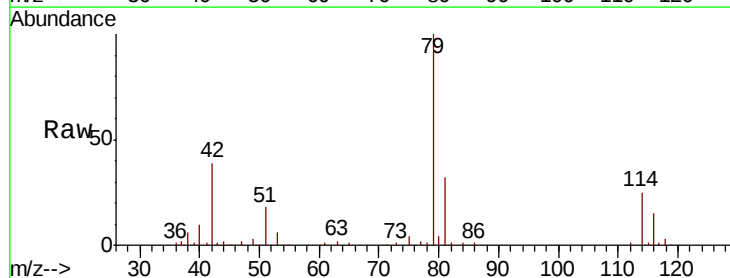
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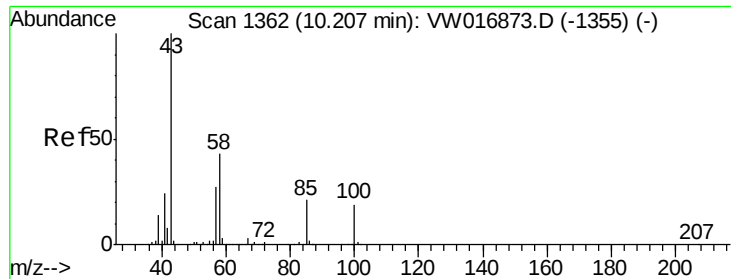
Tot Ion: 83 Resp: 40627
Ion Ratio Lower Upper
83 100
55 0.6 54.2 81.4#
98 1.3 41.4 62.2#



#42
cis-1,3-Dichloropropene
Concen: 0.462 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW016878.D
Acq: 12 Oct 2020 12:18

Tgt Ion: 75 Resp: 4471
Ion Ratio Lower Upper
75 100
77 56.5 22.1 41.1#





#43
 4-Methyl-2-pentanone
 Concen: 0.703 ug/L
 RT: 10.22 min Scan# 1364
 Delta R.T. 0.01 min
 Lab File: VW016878.D
 Acq: 12 Oct 2020 12:18

Instrument :
 MSVOA_W
 ClientSampleID :
 VHBLK01

Tot Ion: 43 Resp: 2148
 Ion Ratio Lower Upper
 43 100
 58 40.5 34.7 52.1
 100 12.7 16.9 25.3#

