

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092520\
 Data File : VW016638.D
 Acq On : 24 Sep 2020 10:18
 Operator : SY/VA
 Sample : VW0924SBL01
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VBLK20

Quant Time: Sep 25 08:02:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 25 07:55:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	607299	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	518001	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	246423	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	109946	18.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.80%
7) Chloroethane-d5	2.90	69	98696	20.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.24%
10) 1,1-Dichloroethene-d2	4.03	63	176733	13.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.80%
20) 2-Butanone-d5	7.10	46	57934	36.15	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.30%
24) Chloroform-d	7.65	84	293508	23.10	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.40%
26) 1,2-Dichloroethane-d4	8.31	65	148658	22.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.16%
29) Benzene-d6	8.28	84	526049	22.64	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.56%
33) 1,2-Dichloropropane-d6	9.28	67	150943	23.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.92%
37) Toluene-d8	10.33	98	479098	20.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.84%
38) trans-1,3-Dichloropropene-	10.58	79	67006	21.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.44%
39) 2-Hexanone-d5	10.93	63	45760	39.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.92%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	119783	22.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.44%
61) 1,2-Dichlorobenzene-d4	13.85	152	200922	25.52	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.08%

Target Compounds

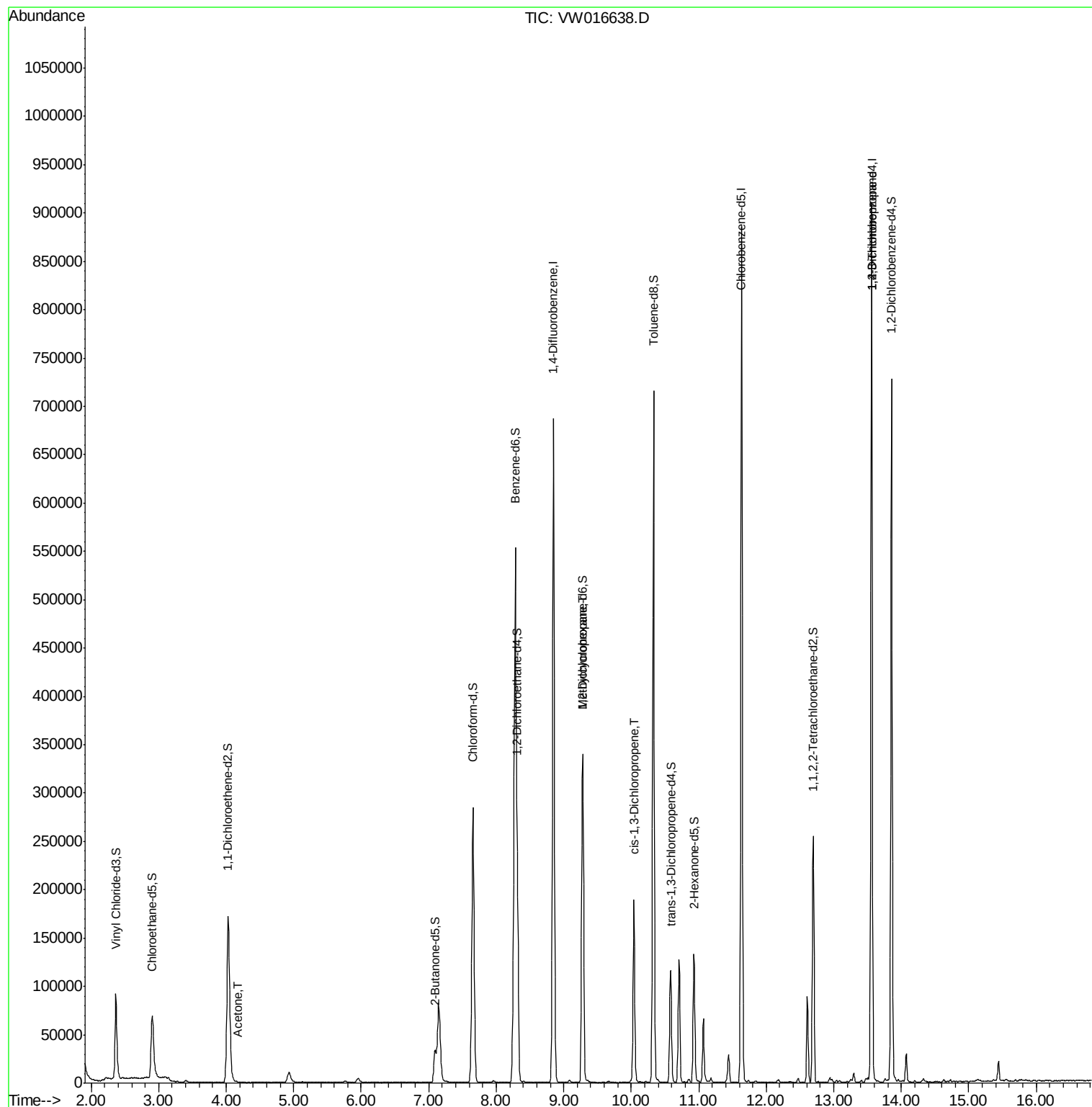
					Ovalue
13) Acetone	4.17	43	638	0.508 ug/L	85
36) Methylcyclohexane	9.28	83	40576	2.978 ug/L #	21
42) cis-1,3-Dichloropropene	10.04	75	5541	0.502 ug/L #	72
59) 1,2,3-Trichloropropane	13.56	75	26968	5.952 ug/L	89

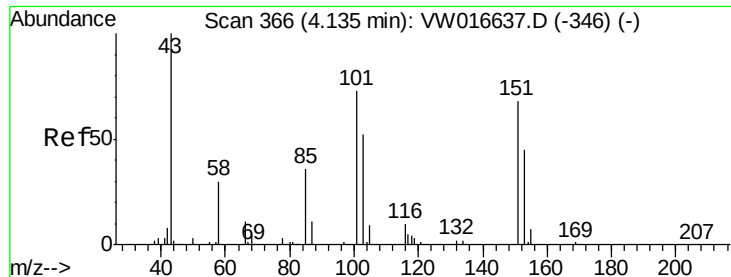
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 0.508 ug/L

RT: 4.17 min Scan# 372

Delta R.T. 0.04 min

Lab File: VW016638.D

Acq: 24 Sep 2020 10:18

Instrument :

MSVOA_W

ClientSampled :

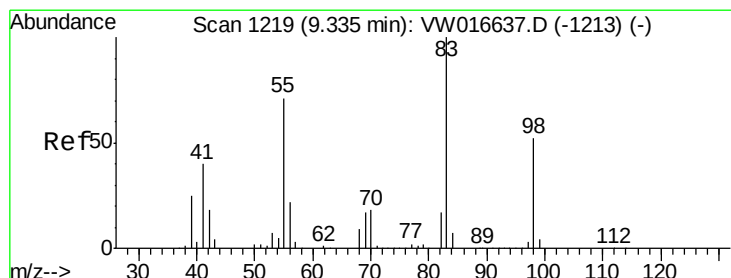
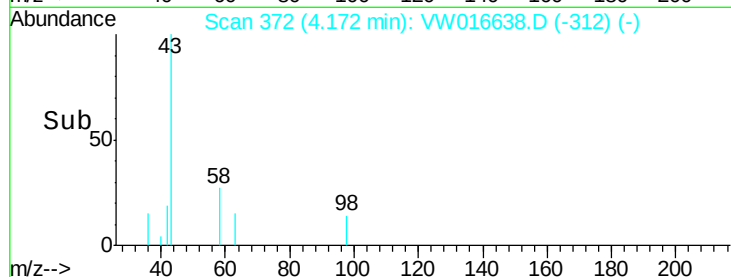
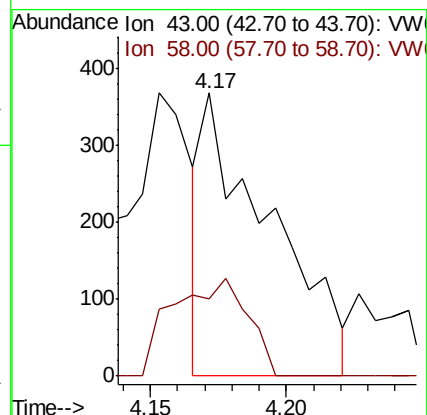
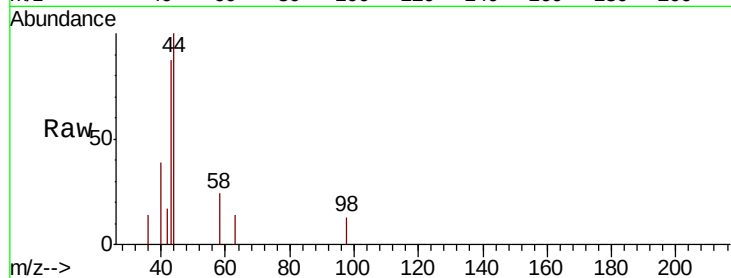
VBLK20

Tot Ion: 43 Resp: 638

Ion Ratio Lower Upper

43 100

58 38.1 0.0 60.2



#36

Methylcyclohexane

Concen: 2.978 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.05 min

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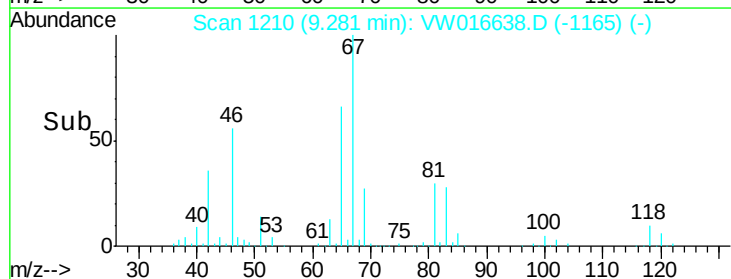
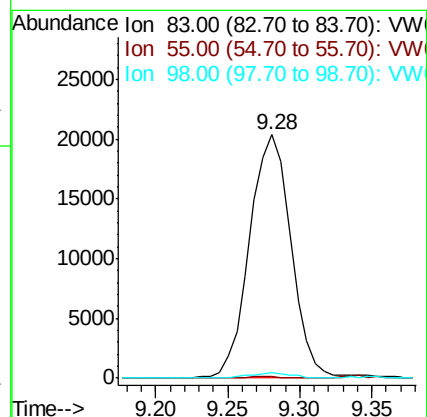
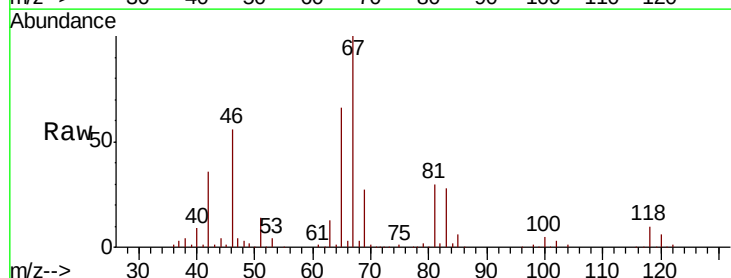
Tgt Ion: 83 Resp: 40576

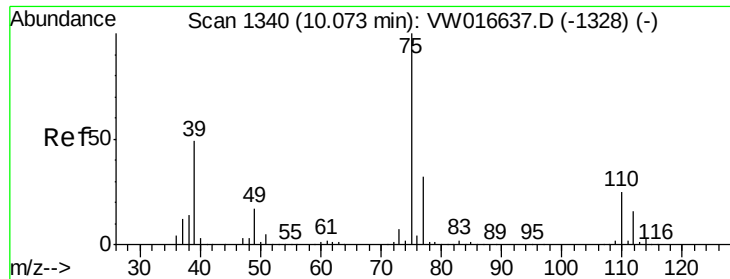
Ion Ratio Lower Upper

83 100

55 0.7 55.9 83.9#

98 2.0 42.1 63.1#





#42

cis-1,3-Dichloropropene

Concen: 0.502 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016638.D

Acq: 24 Sep 2020 10:18

Instrument :

MSVOA_W

ClientSampled :

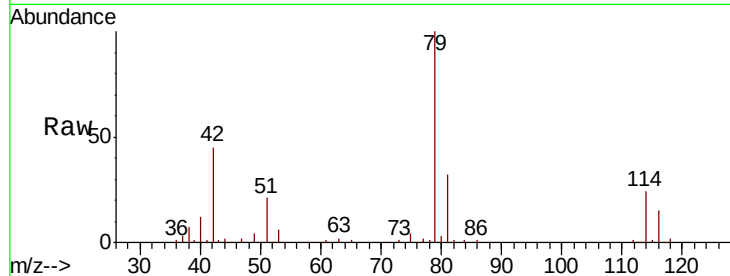
VBLK20

Tot Ion: 75 Resp: 5541

Ion Ratio Lower Upper

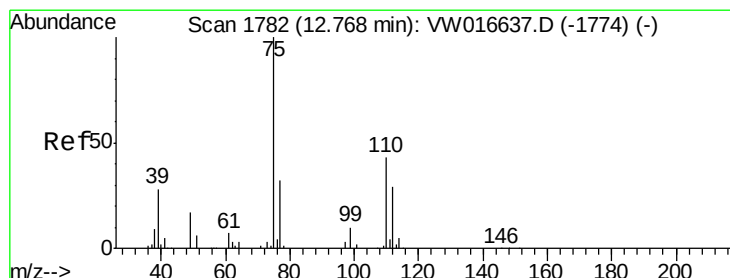
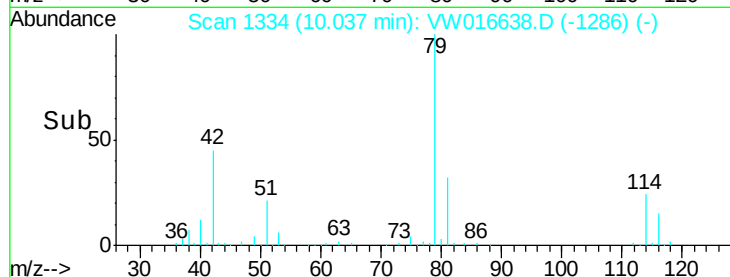
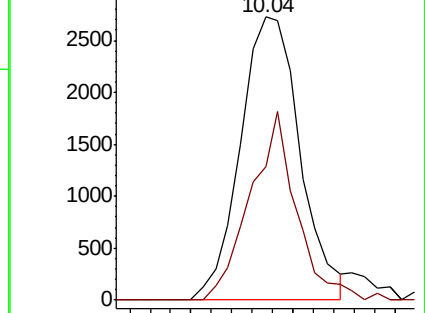
75 100

77 47.3 22.2 41.2#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#59

1,2,3-Trichloropropane

Concen: 5.952 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016638.D

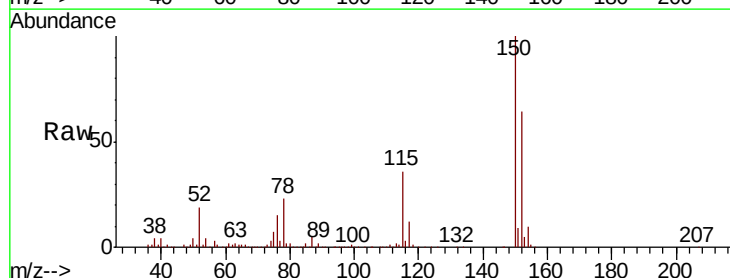
Acq: 24 Sep 2020 10:18

Tgt Ion: 75 Resp: 26968

Ion Ratio Lower Upper

75 100

77 38.7 26.2 39.4



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

